

# Knowledge Navigator 2022/2023 Cycle 1

Year 8

Name:

Form:

|           | Week 1   |  | Week 2   |  | Week 3   |  | Week 4   |  | Week 5   |  |
|-----------|----------|--|----------|--|----------|--|----------|--|----------|--|
| Monday    | 29/08/22 | Bank holiday                           | 05/09/22 | French<br>Page 19 Week 2               | 12/09/22 | French<br>Page 19 Week 3               | 19/09/22 | French<br>Page 19 Week 4               | 26/09/22 | French<br>Page 19 Week 5               |
| Tuesday   | 30/08/22 | Year 7 only                            | 06/09/22 | Science<br>Page 11 Box 5/6             | 13/09/22 | Science<br>Page 11 Box 1/2             | 20/09/22 | Science<br>Page 11 Box 3/4             | 27/09/22 | Science<br>Page 10 Box 4/5             |
| Wednesday | 31/08/22 | All students                           | 07/09/22 | History Page 23 Box A<br>Sparx Maths   | 14/09/22 | Geography Page 21 Box 1<br>Sparx Maths | 21/09/22 | History Page 23 Box B<br>Sparx Maths   | 28/09/22 | Geography Page 21 Box 2<br>Sparx Maths |
| Thursday  | 01/09/22 | All students                           | 08/09/22 | English<br>Page 2 Box A                | 15/09/22 | English<br>Page 2 Box B                | 22/09/22 | English<br>Page 2 Box C                | 29/09/22 | English<br>Page 3 Box D                |
| Friday    | 02/09/22 | All students                           | 09/09/22 | Spellings Week 2                       | 16/09/22 | Spellings Week 3                       | 23/09/22 | Spellings Week 4                       | 30/09/22 | Spellings Week 5                       |
|           | Week 6   |  | Week 7   |  | Week 8   |  | Week 9   |  | Week 10  |  |
| Monday    | 03/10/22 | French<br>Page 19 Week 6               | 10/10/22 | French<br>Page 19 Week 7               | 17/10/22 | French<br>Page 20 Week 8               | 07/11/22 | French<br>Page 20 Week 9               | 14/11/22 | French<br>Page 20 Week 10              |
| Tuesday   | 04/10/22 | Science<br>Page 10 Box 1/2/3           | 11/10/22 | Science<br>Page 11 Box 3/4             | 18/10/22 | Science<br>Page 8 Box 1/3              | 08/11/22 | Science<br>Page 8 Box 2/3              | 15/11/22 | Science<br>Page 8 Box 3/4              |
| Wednesday | 05/10/22 | History Page 23 Box C<br>Sparx Maths   | 12/10/22 | Geography Page 21 Box 3<br>Sparx Maths | 19/10/22 | History Page 24 Box D<br>Sparx Maths   | 09/11/22 | Geography Page 22 Box 4<br>Sparx Maths | 16/11/22 | History Page 24 Box E<br>Sparx Maths   |
| Thursday  | 06/10/22 | English<br>Page 3 Box E                | 13/10/22 | English<br>Page 3 Box E                | 20/10/22 | English<br>Page 3 Box F                | 10/11/22 | English<br>Page 3 Box                  | 17/11/22 | Staff only                             |
| Friday    | 07/10/22 | Spellings Week 6                       | 14/10/22 | Spellings Week 7                       | 21/10/22 | Spellings Week 8                       | 11/11/22 | Spellings Week 9                       | 18/11/22 | Staff only                             |
|           | Week 11  |  | Week 12  |  | Week 13  |  |          |  |          |  |
| Monday    | 21/11/22 | French<br>Page 20 Week 11              | 28/11/22 | French<br>Page 20 Week 12              | 05/12/22 | French<br>Page 20 Week 13              |          |  |          |  |
| Tuesday   | 22/11/22 | Science<br>Page 9 Box 1/2              | 29/11/22 | Science<br>Page 9 Box 3/4              | 06/12/22 | Science<br>Page 9 Box 5/6/7            |          |  |          |  |
| Wednesday | 23/11/22 | Geography Page 22 Box 5<br>Sparx Maths | 30/11/22 | History Page 24 Box A<br>Sparx Maths   | 07/12/22 | Geography Page 22 Box 6<br>Sparx Maths |          |  |          |  |
| Thursday  | 24/11/22 | English<br>Page 2 Box B                | 01/12/22 | English<br>Page 2 Box C                | 08/12/22 | English<br>Page 3 Box D                |          |  |          |  |
| Friday    | 25/11/22 | Spellings Week 11                      | 02/12/22 | Spellings Week 12                      | 09/12/22 | Spellings Week 13                      |          |  |          |  |



**YEAR 8**  
**CYCLE 1 HOMEWORK**

# YEAR 8 KNOWLEDGE NAVIGATOR

## CYCLE 1

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| 9  | Science: Health and Disease               |
| 10 | Science: Metals and Reactivity            |
| 11 | Science: The Body                         |
| 12 | French                                    |
| 21 | Geography: Risky Earth/Dynamic Landscapes |

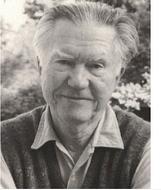
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|                              |  |   |  |
|------------------------------|--|---|--|
| <b>BOX A: Key Characters</b> |  | <b>BOX B: Themes and Context</b>  |  |
| <b>George</b>                | frustrated, devoted, a dreamer                       | Steinbeck encourages us to empathise with <b>the plight of migrant workers</b> during the <b>Great Depression</b> .   |  |
| <b>Lennie</b>                | childlike, unassuming, physically powerful           | <b>The American Dream</b> is shown to be impossible: <b>reality</b> defeats <b>idealism</b> .                         |  |
| <b>Candy</b>                 | unloved, an outcast, aging                           | The novella explores the human need for <b>companionship</b> and the tragedy of <b>loneliness</b> .                   |  |
| <b>Curley</b>                | insecure, unmerciful, jealous                        | Steinbeck reveals the <b>predatory nature of mankind</b> : the <b>powerless</b> are targeted by the <b>powerful</b> . |  |
| <b>Curley's Wife</b>         | a seductive temptress, objectified, lonely, nameless | Steinbeck explores the tension between the <b>inevitability of fate</b> and the <b>fragility of human dreams</b> .    |  |
| <b>Crooks</b>                | cynical, proud, isolated                             | The <b>prejudices</b> of 1930s America are exposed, including <b>racism</b> , <b>sexism</b> and <b>ageism</b> .       |  |
| <b>Slim</b>                  | compassionate, wise, respected                       | The novella is an <b>indictment</b> of the way <b>society</b> treats the <b>dispossessed</b> .                        |  |
| <b>Carlson</b>               | heartless, insensitive                               |   |  |

|                              |   |
|------------------------------|---|
| <b>BOX C: Key Quotations</b> |   |
| 1                            | “Guys like us, that work on ranches, are the loneliest guys in the world. They got no family. They don’t belong no place...” – <b>George</b><br>“I got you to look after me, and you got me to look after you, and that’s why.” – <b>Lennie</b> |
| 2                            | “Ain't many guys travel around together,' he mused. 'I don't know why. Maybe ever'body in the whole damn world is scared of each other.” – <b>Slim</b>  |
| 3                            | “We wouldn’t ask nobody if we could. Jus’ say, ‘We’ll go to her,’ an’ we would. – <b>George</b><br>"I ought to of shot that dog myself, George. I shouldn't of ought to let no stranger shoot my dog“ – <b>Candy</b>                            |
| 4                            | "Books ain't no good, a guy needs somebody“ – <b>Crooks</b><br>“Ever’body wants a little piece of lan’. I read plenty of books out here. Nobody never gets to heaven, and nobody gets no land.” – <b>Crooks</b>                                 |
| 5                            | ‘And the meanness and the plannings and the discontent and the ache for attention were all gone from her face. She was very pretty and simple, and her face was sweet and young.’ – <b>Narrator about Curley’s wife</b>                         |
| 6                            | ‘A silent head and beak lanced down and plucked it out by the head, and the beak swallowed the little snake while its tail waved frantically.’ – <b>Narrator showing George and Lennie’s paradise is lost</b>                                   |

| Box D: Tier 2 Vocabulary |   |
|--------------------------|---|
| <b>Prejudice</b>         | Preconceived opinion that is not based on reason or actual experience.  |
| <b>Derogatory</b>        | Showing a critical or disrespectful attitude.   |
| <b>Pugnacious</b>        | Eager or quick to argue, quarrel, or fight.   |
| <b>Isolation</b>         | The process or fact of isolating or being isolated.   |
| <b>Segregate</b>         | Set apart from the rest or from each other; isolate or divide along racial, sexual, or religious lines.               |
| <b>Microcosm</b>         | A community, place, or situation regarded as encapsulating in miniature the characteristics of something much larger. |
| <b>Tension</b>           | Mental or emotional strain  |
| <b>Solitude</b>          | The state or situation of being alone.  |
| <b>Anguish</b>           | Severe mental or physical pain or suffering.  |
| <b>Naive</b>             | (Of a person or action) showing a lack of experience, wisdom, or judgement.   |

| Box E: Key Dates  |   |
|-------------------|---|
| <b>1600-1800s</b> | People were kidnapped from the continent of Africa, forced into slavery in the American colonies and exploited to work as indentured servants and labourers in the production of crops such as tobacco and cotton (plantations).  |
| <b>1860</b>       | Abraham Lincoln Elected   |
| <b>1861</b>       | The American Civil War  |
| <b>1865</b>       | The War Between the Northern and Southern States, as the Civil War was also known, ended in Confederate surrender in 1865. The conflict was the costliest and deadliest war ever fought on American soil, with some 620,000 of 2.4 million soldiers killed, millions more injured and much of the South left in ruin. |
| <b>1865</b>       | Slavery abolished/Jim Crow Laws/Formation of the Ku Klux Klan secret society  |
| <b>1880s</b>      | Big cities in the South were not wholly beholden to Jim Crow laws and Black Americans found more freedom in them.   |
| <b>1902</b>       | Steinbeck born in Salinas, California.  |
| <b>1929</b>       | The start of the Great Depression. Wall Street Crash – 29 October.  |
| <b>1930s</b>      | The Dustbowl which led to migrant workers leaving the southern states of America.   |
| <b>1937</b>       | Of Mice and Men – Published   |

| Box F: Links to Poetry  |   |      |  |
|-------------------------|---|------|--|
| <b>'To a Mouse'</b>     | Robert Burns<br>       | 1785 | After accidentally destroying a mouse nest with his plough, the poem's speaker expresses sorrow for the animal's plight. The mouse's homelessness and hunger prompt the speaker to feel compassion for all vulnerable creatures and also to reflect on the unpredictability and pain of human life. The line <b>'The best laid schemes o' Mice an' Men Go often askew,'</b> was the inspiration for the title of Steinbeck's novella. <b>'Small, crafty, cowering, timorous little beast, Oh, what a panic is in your breast!'</b> |
| <b>'Strange Fruit'</b>  | Abel Meeropol<br>     | 1937 | The 'strange fruit' that the poem refers to are metaphors for the victims of lynching. The gruesome image of "black bodies" hanging from "southern trees" serve as a stark reminder of humanity's potential for violence as well as the staggering cost of prejudice and hate. The poem was famously performed as a song by Billie Holliday in the 1950s. <b>'Black body swinging in the southern breeze, strange fruit hanging from the poplar trees.'</b>  |
| <b>'Burning a book'</b> | William Stafford<br> | 1986 | In this poem, Stafford explores the idea of burning books to get rid of them, but he also explores the idea of ignorance and the importance of sharing ideas. In the past, many books have been banned or censored. Past campaigns to ban 'Of Mice and Men' have claimed that it is 'vulgar', 'racist', 'violent', 'profane'. <b>'ignorance can dance in the absence of fire.'</b>   |

**BOX 1: Key facts**

**Symbols**

- = means equal to
- ≠ means not equal to
- ≡ means identical to
- ≤ means less than or equal to
- < means less than
- ≥ means more than or equal to
- > means more than
- √ means square root

| ONE         | TWO         | THREE       | FOUR        | FIVE        | SIX         |
|-------------|-------------|-------------|-------------|-------------|-------------|
| 1 x 1 = 1   | 2 x 1 = 2   | 3 x 1 = 3   | 4 x 1 = 4   | 5 x 1 = 5   | 6 x 1 = 6   |
| 1 x 2 = 2   | 2 x 2 = 4   | 3 x 2 = 6   | 4 x 2 = 8   | 5 x 2 = 10  | 6 x 2 = 12  |
| 1 x 3 = 3   | 2 x 3 = 6   | 3 x 3 = 9   | 4 x 3 = 12  | 5 x 3 = 15  | 6 x 3 = 18  |
| 1 x 4 = 4   | 2 x 4 = 8   | 3 x 4 = 12  | 4 x 4 = 16  | 5 x 4 = 20  | 6 x 4 = 24  |
| 1 x 5 = 5   | 2 x 5 = 10  | 3 x 5 = 15  | 4 x 5 = 20  | 5 x 5 = 25  | 6 x 5 = 30  |
| 1 x 6 = 6   | 2 x 6 = 12  | 3 x 6 = 18  | 4 x 6 = 24  | 5 x 6 = 30  | 6 x 6 = 36  |
| 1 x 7 = 7   | 2 x 7 = 14  | 3 x 7 = 21  | 4 x 7 = 28  | 5 x 7 = 35  | 6 x 7 = 42  |
| 1 x 8 = 8   | 2 x 8 = 16  | 3 x 8 = 24  | 4 x 8 = 32  | 5 x 8 = 40  | 6 x 8 = 48  |
| 1 x 9 = 9   | 2 x 9 = 18  | 3 x 9 = 27  | 4 x 9 = 36  | 5 x 9 = 45  | 6 x 9 = 54  |
| 1 x 10 = 10 | 2 x 10 = 20 | 3 x 10 = 30 | 4 x 10 = 40 | 5 x 10 = 50 | 6 x 10 = 60 |
| 1 x 11 = 11 | 2 x 11 = 22 | 3 x 11 = 33 | 4 x 11 = 44 | 5 x 11 = 55 | 6 x 11 = 66 |
| 1 x 12 = 12 | 2 x 12 = 24 | 3 x 12 = 36 | 4 x 12 = 48 | 5 x 12 = 60 | 6 x 12 = 72 |

| SEVEN       | EIGHT       | NINE         | TEN           | ELEVEN        | TWELVE        |
|-------------|-------------|--------------|---------------|---------------|---------------|
| 7 x 1 = 7   | 8 x 1 = 8   | 9 x 1 = 9    | 10 x 1 = 10   | 11 x 1 = 11   | 12 x 1 = 12   |
| 7 x 2 = 14  | 8 x 2 = 16  | 9 x 2 = 18   | 10 x 2 = 20   | 11 x 2 = 22   | 12 x 2 = 24   |
| 7 x 3 = 21  | 8 x 3 = 24  | 9 x 3 = 27   | 10 x 3 = 30   | 11 x 3 = 33   | 12 x 3 = 36   |
| 7 x 4 = 28  | 8 x 4 = 32  | 9 x 4 = 36   | 10 x 4 = 40   | 11 x 4 = 44   | 12 x 4 = 48   |
| 7 x 5 = 35  | 8 x 5 = 40  | 9 x 5 = 45   | 10 x 5 = 50   | 11 x 5 = 55   | 12 x 5 = 60   |
| 7 x 6 = 42  | 8 x 6 = 48  | 9 x 6 = 54   | 10 x 6 = 60   | 11 x 6 = 66   | 12 x 6 = 72   |
| 7 x 7 = 49  | 8 x 7 = 56  | 9 x 7 = 63   | 10 x 7 = 70   | 11 x 7 = 77   | 12 x 7 = 84   |
| 7 x 8 = 56  | 8 x 8 = 64  | 9 x 8 = 72   | 10 x 8 = 80   | 11 x 8 = 88   | 12 x 8 = 96   |
| 7 x 9 = 63  | 8 x 9 = 72  | 9 x 9 = 81   | 10 x 9 = 90   | 11 x 9 = 99   | 12 x 9 = 108  |
| 7 x 10 = 70 | 8 x 10 = 80 | 9 x 10 = 90  | 10 x 10 = 100 | 11 x 10 = 110 | 12 x 10 = 120 |
| 7 x 11 = 77 | 8 x 11 = 88 | 9 x 11 = 99  | 10 x 11 = 110 | 11 x 11 = 121 | 12 x 11 = 132 |
| 7 x 12 = 84 | 8 x 12 = 96 | 9 x 12 = 108 | 10 x 12 = 120 | 11 x 12 = 132 | 12 x 12 = 144 |

**Metric conversions**

- mm is short for millimeters
- cm is short for centimetres
- m is short for metres
- km is short for kilometres
- ml is short for millilitres
- cl is short for centilitres
- l is short for litres
- mg is short for milligrams
- g is short for grams
- kg is short for kilograms
- t is short for tonne

- Mili means one thousandth
- Centi means one hundred or one hundredth
- Kilo means one thousand

- There are 10mm in 1cm
- There are 100cm in 1m
- There are 1000mm in 1m
- There are 1000m in 1km

- There are 10ml in 1cl
- There are 100cl in 1l
- There are 1000ml in 1l
- There are 1000 litres in 1 cubic metre

- There are 10mg in 1cg
- There are 100cg in 1g
- There are 1000mg in 1g
- There are 1000g in 1kg
- There are 1000kgs in 1 tonne

**Probability**

- The probability of an event being certain is 1
- The probability of an event being impossible is 0
- The probability of an event having an even chance of happening is 0.5

There are 6 sides on a normal dice.

There are 52 cards in a pack: 13 cards are red hearts; 13 cards are red diamonds, 13 cards are black spades, 13 cards are black clubs. Each set has an ace, a king, a queen, a jack, and the numbers 2 to 9

**Drawing facts**

Diagrams and graphs should always be drawn with a pencil and ruler

NOT TO SCALE means the diagram has not been drawn accurately and so you can't make assumptions about lengths and angles

A protractor is used to measure angles. A compass is used to construct arcs and circles

**Data**

The range of a set of numbers is the difference between the highest and lowest numbers

The mode of a set of numbers is the number that appears the most

The median of a set of numbers is the middle number when the data is in order

The mean, or common average, of a set of numbers can be found by adding all the numbers together and dividing by how many numbers there are

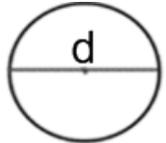
Correlation describes the relationship between two sets of data

**BOX 2: Ratio and scale**

**LINKS TO: FRACTIONS, DECIMALS, PERCENTAGES**

e.g. the ratio 15:35 is:  $\frac{15}{50}$  in fractional form  
0.3 in decimal form  
30% in percentage form

**RATIO**

|                           |   |  |
|---------------------------|---|--|
| Ratio                     | <b>Compares</b> the size of one part to <b>another part</b> .   |  |
| Ratio Notation            | The ratio of A to B is written as <b>A:B</b>  |  |
| Part ( <i>Share</i> )     | A <b>proportion</b> of the original amount.   |  |
| Whole                     | The <b>total</b> amount.  |  |
| Proportion                | Proportion <b>compares</b> the size of one part to the size of the <b>whole</b> .   |  |
| Unit                      | A <b>standard</b> amount used to <b>measure</b> something   |  |
| Compound Units            | A unit made of <b>two other units</b> .<br><i>e.g. speed is distance per time m/s.</i>  |  |
| Circumference of a circle | Circumference = $\pi \times$ <b>diameter</b><br><br>$C = \pi d$<br>OR<br>$C = 2\pi r$   |  |
| Gradient (H)              | How <b>steep</b> a line is.<br>Can be positive or negative.<br>( <b>Change in y</b> )<br>( <b>Change in x</b> )<br>It gives the <b>rate of change</b> . |  |

**BOX 3: Multiplicative change**

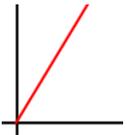
**SCALE**

|              |  |
|--------------|--|
| Scale        | The <b>ratio</b> of the lengths in a model/map/diagram to the lengths in <b>real life</b>  |
| Scale Factor | The <b>ratio of corresponding sides</b> of two similar shapes.   |
| Similarity   | Two shapes are similar when one is an <b>enlargement</b> of the other.<br>All <b>angles</b> are the same, but the <b>lengths of sides</b> are different. |

**EXAMPLES: MAP SCALES**

Ratio (Fraction) scale: 1:62,500  
 Graphic scale:  Miles  
 Verbal scale: 1 inch equals 1 mile

**PROPORTION**

|                                   |   |
|-----------------------------------|---|
| Direct Proportion                 | If two quantities are in direct proportion, as one increases, the other <b>increases</b> at the same rate |
| Direct proportion graphically (H) |                      |

**BOX 4: Multiplying and dividing fractions**

**FRACTION NOTATION**

Vinculum  $\longrightarrow$   $\frac{3}{5}$   $\longleftarrow$  Numerator  
 $\longleftarrow$  Denominator

**FRACTIONS**

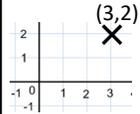
|                       |  |
|-----------------------|--|
| Fraction              | Represents the <b>division</b> of one integer by another. <i>E.g. <math>\frac{2}{3} = 2 \div 3</math></i>                                |
| Unit Fraction         | A fraction where the <b>numerator is 1</b> . <i>E.g. <math>\frac{1}{6}</math></i>  |
| Improper Fraction     | A fraction when the <b>numerator</b> is greater than the <b>denominator</b> . <i>E.g. <math>\frac{5}{3}</math></i>                       |
| Reciprocal            | The reciprocal of a number is <b>1 divided by the number</b> . <i>E.g. The reciprocal of <math>x</math> is <math>\frac{1}{x}</math>.</i> |
| Equivalent Fractions  | Fractions which represent the <b>same value</b> .<br><i>E.g. <math>\frac{2}{3}</math> and <math>\frac{4}{6}</math>.</i>                  |
| Simplifying fractions | Fractions can be simplified by dividing the numerator and denominator by a <b>common factor</b> .  |

**FRACTIONS: OPERATIONS**

|          |  |   |
|----------|--|---|
| Multiply | Multiply the <b>numerators</b><br>Multiply the <b>denominators</b>                                 | $\frac{A}{B} \times \frac{C}{D} = \frac{AC}{BD}$                                |
| Divide   | Keep the <b>first fraction</b><br>Change the $\div$ to $\times$<br>Flip the <b>second fraction</b> | $\frac{A}{B} \div \frac{C}{D} = \frac{A}{B} \times \frac{D}{C} = \frac{AD}{BC}$ |

**BOX 5: Working in the Cartesian plane**

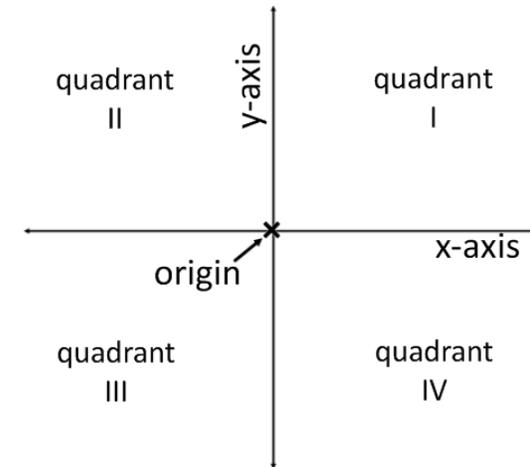
| COORDINATES            |   |
|------------------------|---|
| Axis<br>(plural: axes) | The <b>x</b> axis is horizontal.<br>The <b>y</b> axis is vertical.  |
| Quadrant               | The <b>four regions</b> separated by the axes.  |
| Coordinate             | Give a <b>position</b> of a <b>point</b> on a grid. The first number ( <b>x</b> ) moves <b>left</b> (-) or <b>right</b> (+).<br>The second number ( <b>y</b> ) moves <b>up</b> (+) or <b>down</b> (-).<br><b>(x, y)</b><br>e.g. (3,2) means the <b>point</b> that is 3 to the right and 2 up from the origin. |
| Origin                 | The coordinate <b>(0, 0)</b>  |
| Line Segment           | A line joining <b>two points</b> .  |
| Midpoint               | The <b>middle</b> of a line segment.  |



| Links to: DIRECT PROPORTION |   |
|-----------------------------|---|
| Direct Proportion           | If two quantities are in direct proportion, as one increases, the other <b>increases</b> at the same rate<br>If y is directly proportional to x, this can be written as <b><math>y \propto x</math></b> |
| $y = kx$                    | An equation of the form <b><math>y=kx</math></b> represents direct proportion, where k is the <b>constant of proportionality</b> .  |

| LINEAR GRAPHS |   |  |
|---------------|---|--|
| $y = x$       | Every point on this line, the y coordinate is <b>equal to</b> the x coordinate.<br>e.g. (3,3), (-2,-2), (0,0)                                       |  |
| $y = -x$      | Every point on this line, the y coordinate is <b>equal to the negative</b> of the x coordinate<br>e.g. (3, -3), (-2,2)                              |  |
| $y = a$       | These lines are always <b>horizontal</b> .<br>For example $y = 2$<br>Every point on this graph, the y coordinate equals 2<br>e.g. (0,2), (5,2)      |  |
| $x = a$       | These lines are always <b>vertical</b> .<br>For example $x = 2$<br>Every point on this graph, the x coordinate equals 2<br>e.g. (2,0), (2,5)        |  |
| $y = kx$      | These lines always go through the <b>origin</b> .<br>For example $y = 2x$<br>Every point on this graph, the y coordinate is double the x coordinate |  |

| LINEAR GRAPHS |   |
|---------------|---|
| $y = mx + c$  | The general equation of a linear graph, where <b>m</b> is the <b>gradient</b> and <b>c</b> is the <b>y-intercept</b> .                              |
| Gradient      | How <b>steep</b> a line is.<br>Can be positive or negative.<br><b>(Change in y)</b><br><b>(Change in x)</b><br>It gives the <b>rate of change</b> . |
| y- intercept  | Where the line <b>crosses the y-axis</b>  |



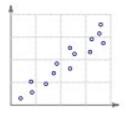
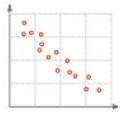
| Links to: SEQUENCES |   |
|---------------------|---|
| Linear Sequence     | A sequence where the <b>difference between terms</b> is the <b>same</b> each time, can be increasing or decreasing.<br>Also known as a <b>Arithmetic</b> Sequence.<br>Algebraically: $x_n = an + b$ |

### BOX 6: Collecting and representing data

#### TYPES OF DATA

|              |   |
|--------------|---|
| Hypothesis   | A statement that <b>might be true</b> , which can be <b>tested</b>  |
| Data         | A collection of <b>information</b>  |
| Primary      | Data collected <b>yourself</b> for a specific reason  |
| Secondary    | Data you are using that was collected by <b>someone else</b> for a different reason   |
| Qualitative  | Data that can only be written in <b>words</b> , not numbers, e.g. eye colour, favourite animal  |
| Quantitative | <b>Numerical</b> data, e.g. shoe size, height of a plant.   |
| Continuous   | Numerical data that can be <b>measured</b> , e.g. height of a plant. It has an infinite number of possible values within a selected range |
| Discrete     | Data which can only take <b>certain values</b> , e.g. eye colour, shoe size   |
| Grouped      | Numerical data that has been ordered and <b>sorted into groups</b> called classes   |

#### DISPLAYING BIVARIATE DATA

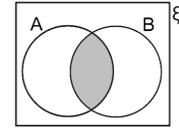
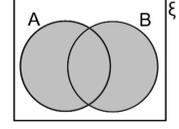
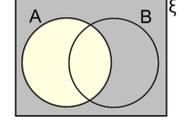
|                      |  |   |
|----------------------|--|---|
| Bivariate data       | Data containing <b>two variables</b>   |   |
| Variable             | Something that can <b>change or vary</b> .   |   |
| Scatter graph        | A <b>graph</b> to show <b>bivariate</b> data   |   |
| Correlation          | When there is a <b>relationship</b> between two sets of data, but we don't know if one caused the other  |   |
| Causation            | When the independent variable <b>causes</b> the dependent variable   |   |
| Positive correlation | As one variable increases, the other <b>increases</b>  |  |
| Negative correlation | As one variable increases, the other <b>decreases</b>  |  |
| No correlation       | There is <b>no relationship</b> between the two variables.   |   |
| Line of best fit     | A line that <b>best represents</b> the data on a scatter graph. In maths GCSE it is always straight, but in science it can be curved.  |   |
| Outlier              | A value that ' <b>lies outside</b> ' most of the other values in a set of data.<br>An outlier is <b>much smaller</b> or <b>much larger</b> than the other values in a set of data. |   |
| Interpolate          | <b>Estimating</b> a value <b>within</b> the range of data we have  |   |
| Extrapolate          | <b>Estimating</b> a value from <b>outside</b> of the data range we have. It is <b>not reliable</b> .   |   |

### BOX 7: Tables and probability

#### PROBABILITY NOTATION

|                 |  |
|-----------------|--|
| $P(A) =$        | The <b>probability of an event A</b> =   |
| $P(A') =$       | The probability that event A <b>will not occur</b> =<br>The complement of A.           |
| $P(A \cap B) =$ | The probability that <b>both events A and B</b> will occur = <b>The intersection</b> . |
| $P(A \cup B) =$ | The probability that <b>event A or B or both</b> will occur = <b>The union</b> .       |

#### VENN DIAGRAMS

|                  |   |   |
|------------------|---|---|
| Venn Diagram     | A diagram using circles or other shapes, to <b>show the relationship</b> between sets |   |
| Set              | A <b>collection of items</b> with one of each member                                  |   |
| The Intersection | $(A \cap B)$<br><b>In A and in B</b>  |    |
| The Union        | $(A \cup B)$<br><b>In A or in B or in both</b>  |   |
| The Compliment   | $A'$<br><b>Not in A</b>   |  |

### 1. Speed

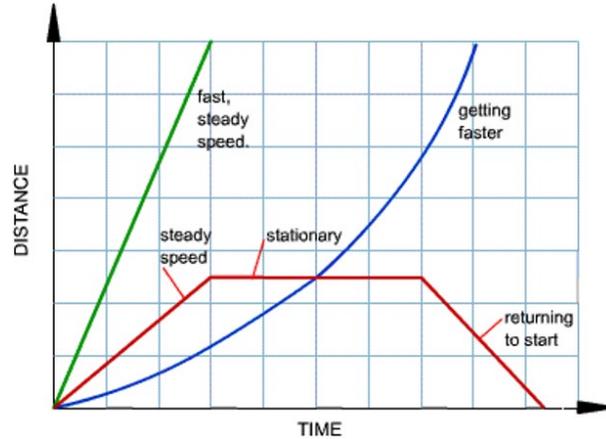
If the overall, resultant force on an object is non-zero, its motion changes and it slows down, speeds up or changes direction.

To calculate speed, distance or time use the formula:

$$\text{speed (in m/s)} = \text{distance (in m)} / \text{time (in s)}$$

The higher the speed of an object, the shorter the time taken for a journey.

On a distance-time graph a straight line shows constant speed, whereas, a curving line shows acceleration.



**Speed:** How much distance is covered in how much time.

**Average speed:** The overall distance travelled divided by overall time for a journey.

**Acceleration:** How quickly speed increases or decreases.

**Relative motion:** Different observers judge speeds differently if they are in motion too, so an object's speed is relative to the observer's speed.

### 2. Resultant force and motion

**Resultant force:** Single force which can replace all the forces acting on an object and have the same effect.

When the resultant force on an object is zero, it is in equilibrium and does not move, or remains at constant speed in a straight line.

One effect of a force is to change an object's form, causing it to be stretched or compressed. In some materials, the change is proportional to the force applied.

**Deformation:** Changing shape due to a force.

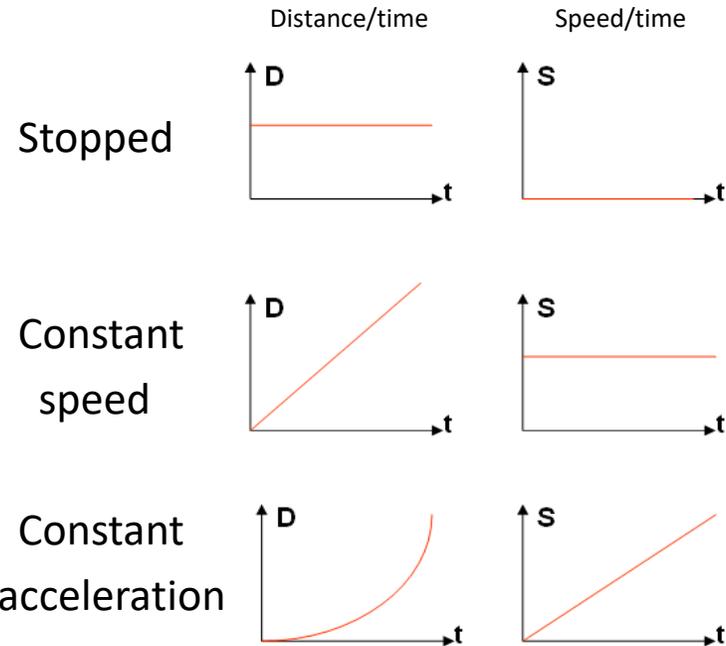
**Newton:** Unit for measuring forces (N).

**Friction:** Force opposing motion which is caused by the interaction of surfaces moving over one another. It is called 'drag' if one is a fluid.

**Tension:** Force extending or pulling apart.

**Compression:** Force squashing or pushing together.

### 3. Motion graphs



### 4. Resultant force examples

If there is no resultant force, the object remains stationary or continues at a steady speed.

A resultant force on a stationary object will cause it to start moving in the direction of the force.

A resultant force on a moving object will cause it to speed up (accelerate) or slow down (negatively accelerate).

10N to the left and 30N to the right.  
The resultant force is 20N to the right.



0N to the left, 60N and 30N to the right.  
The resultant force is 90N to the right.



|   |   |
|---|---|
| <b>1. Microbes</b>  |   |
| <u>Microbes</u>   | <u>Uses</u>   |
| <u>Dangers</u>  |   |
| Bacteria  | Used in the production of milk and cheese               |
| Fungus  | Yeast used in bread and alcohol production              |
| Virus   | Currently no positive uses                              |
| Food poisoning, common cold, cholera, tuberculosis  |   |
| Athlete's foot  |   |
| HIV/AIDS, chicken pox, meningitis, influenza ('flu)   |   |
| <b>2. Natural defences</b>  |   |
| <u>Bodies defence</u>   | <u>Function</u>   |
| Nose  | Nose hair trap microbes                                 |
| Eyes  | Contain a substance which destroy bacteria              |
| Lungs   | Mucus - sticks to the microbes cilia sweep them away    |
| Stomach   | Contains hydrochloric acid kills microbes found on food |
| Skin  | Barrier to prevent microbes entering the body           |
| Blood   | Carry white blood cells which produce antibodies        |
| <b>3. Vaccination</b>   |   |
| Dead or a weakened version of a disease used to provide immunity to a particular disease.   |   |
| <ol style="list-style-type: none"> <li>1. A disease is weakened or killed</li> <li>2. This is then injected into the patient</li> <li>3. White blood cells produce different antibodies to attack the disease</li> <li>4. Eventually the correct shaped antibody is produced</li> <li>5. The body can now produce the right antibodies to fight the disease</li> <li>6. Certain white blood cells remain in the blood to produce the correct antibodies quicker if re-infected with the same pathogen.</li> </ol> |   |

|   |  |   |
|---|--|---|
| <b>4. Antibiotics</b>   |  |   |
| Antibiotics are used to treat bacterial infection (and only bacterial infections). e.g. Penicillin  |  |   |
| Antibiotic resistance occurs when bacteria can resist the damage caused by antibiotics.   |  |   |
| This can be caused by oversubscribing by Doctors, subscribing for non-bacterial pathogens, or not completing the course of medication.  |  |   |
| <b>5. Smoking</b>   |  |   |
| Cigarettes contain several dangerous, three of the most dangerous are:  |  |   |
| <b>Nicotine</b> – is the addictive chemical in cigarettes that affects the brain.   |  |   |
| <b>Tar</b> – is a carcinogenic (cancer causing) chemical. It can also coat the airways and alveoli, making gaseous exchange difficult.  |  |   |
| <b>Carbon monoxide</b> – irreversibly binds to red blood cells, taking the place of oxygen molecules. This means the heart has to work harder to supply the same amount of oxygen & the person is more likely to get out of breath. |  |   |
| <b>6. Alcohol</b>   |  |   |
| <u>Short-term effects</u>   | <u>Long-term effects</u>   |   |
| Relaxes the body  | Liver cirrhosis (damage)   |   |
| Slows down reaction times   | Brain damage   |   |
| Slurred speech  | Heart attack   |   |
| Blurred vision  | Increased weight   |   |
| Increased confidence  | Kidney damage  |   |
| <b>7. Drugs</b>   |  |   |
| <u>Depressant</u>   | <u>Stimulant</u>   | <u>Hallucinogen</u>   |
| Slows down the messages to the brain e.g. alcohol, cannabis   | Speeds up the messages to the brain e.g. caffeine, cocaine   | Distorts a person's perceptions of reality (hallucinations)   |
| Effects of depressants:<br>Slowed thinking/ reactions, slowed muscular activity.<br>Long term damage to liver, brain, kidney  | Effects of stimulants:<br>More energetic, difficulty sleeping, memory loss, damage liver and brain | Effects of hallucinogens:<br>hallucinations, can cause increased heart rate, high blood pressure and dilated pupils |

**1. Metals vs. non-metals**

Metals and non-metals react with oxygen to form oxides which are either bases or acids.  
 Metals: Shiny, good conductors of electricity and heat, sonorous, malleable and ductile, and usually solid at room temperature.  
 Non-metals: Dull, poor conductors of electricity and heat, brittle and usually solid or gaseous at room temperature.

**2. Reactivity series**

Metals can be arranged as a reactivity series in order of how readily they react with other substances.  
 Some metals react with acids to produce salts and hydrogen.

| Metal     | Reactivity       |                 |                   |                 |
|-----------|------------------|-----------------|-------------------|-----------------|
| Potassium | React with water |                 |                   | Very reactive   |
| Sodium    |                  |                 |                   |                 |
| Lithium   |                  |                 |                   |                 |
| Calcium   |                  |                 |                   |                 |
|           |                  | React with acid | React with oxygen |                 |
| Magnesium |                  |                 |                   |                 |
| Aluminium |                  |                 |                   |                 |
| Zinc      |                  |                 |                   |                 |
| Iron      |                  |                 |                   |                 |
| Tin       |                  |                 |                   |                 |
| Lead      |                  |                 |                   |                 |
|           |                  |                 |                   | Very unreactive |
| Copper    |                  |                 |                   |                 |
| Silver    |                  |                 |                   |                 |
|           |                  |                 |                   |                 |
| Gold      |                  |                 |                   |                 |

**3. Special properties**

Iron, nickel and cobalt are magnetic elements.  
 Mercury is a metal that is liquid at room temperature.  
 Bromine is a non-metal that is liquid at room temperature.  
 Copper is a good conductor of heat and electricity so is used in saucepans and in wiring.  
 Aluminium is light so is used for bike frames and malleable so is used for kitchen foil.

**4. Types of reaction**

**Reactivity:** The tendency of a substance to undergo a chemical reaction.  
**Oxidation:** Reaction in which a substance combines with oxygen.  
**Combustion:** Reaction with oxygen in which energy is transferred to the surroundings as heat and light.  
**Thermal decomposition:** Reaction where a single reactant is broken down into simpler products by heating.  
**Displacement:** Reaction where a more reactive metal takes the place of a less reactive metal in a compound.  
 e.g. Magnesium sulphate + Calcium  $\rightarrow$  Calcium sulphate + Magnesium  
 e.g. Aluminium nitrate + Potassium  $\rightarrow$  Potassium nitrate + Aluminium  
**Chemical reaction:** A change in which a new substance is formed.  
**Physical change:** One that changes the physical properties of a substance, but no new substance is formed. **Reactants:** Substances that react together, shown before the arrow in an equation.  
**Products:** Substances formed in a chemical reaction, shown after the reaction arrow in an equation.  
**Conserved:** When the quantity of something does not change after a process takes place.

**5. Reactions of metals****Metal + water  $\rightarrow$  Metal hydroxide + hydrogen**

Sodium + water  $\rightarrow$  sodium hydroxide + hydrogen

Magnesium + water  $\rightarrow$  magnesium hydroxide + hydrogen

**Metal + acid  $\rightarrow$  Salt + hydrogen**

Sodium + hydrochloric acid  $\rightarrow$  sodium chloride + hydrogen

Sodium + sulphuric acid  $\rightarrow$  sodium sulphate + hydrogen

**Metal oxide + acid  $\rightarrow$  Salt + water**

Sodium oxide + hydrochloric acid  $\rightarrow$  sodium chloride + water

Potassium oxide + sulphuric acid  $\rightarrow$  potassium sulphate + water

**Metal carbonate + acid  $\rightarrow$  Salt + water + carbon dioxide**

Calcium carbonate + hydrochloric acid  $\rightarrow$  calcium chloride + water + carbon dioxide

Sodium carbonate + hydrochloric acid  $\rightarrow$  sodium chloride + water + carbon dioxide

**1. Movement**

The human skeleton works as a system for support, protection, movement & the production of new blood cells.

**Joints:** Places where bones meet.

**Bone marrow:** Tissue found inside some bones where new blood cells are made.

**Ligaments:** Connect bones in joints.

**Tendons:** Connect muscles to bones.

**Cartilage:** Smooth tissue found at the end of bones, which reduces friction between them.

**Antagonistic muscle pair:** Muscles working in unison to create movement. Antagonistic pairs of muscles create movement when one contracts and the other relaxes.

**2. Breathing**

In gas exchange, oxygen and carbon dioxide move between alveoli and the blood. Oxygen is transported to cells for aerobic respiration and carbon dioxide, a waste product of respiration, is removed from the body.

Breathing occurs through the action of muscles in the ribcage and diaphragm. The amount of oxygen required by body cells determines the rate of breathing.

**Breathing:** The movement of air in and out of the lungs.

**Trachea (windpipe):** Carries air from the mouth and nose to the lungs.

**Bronchi:** Two tubes which carry air to the lungs.

**Bronchioles:** Small tubes in the lung.

**Alveoli:** Small air sacs found at the end of each bronchiole.

**Ribs:** Bones which surround the lungs to form the ribcage.

**Diaphragm:** A sheet of muscle found underneath the lungs. Lung volume: Measure of the amount of air breathed in or out.

**3. Respiration**

Respiration is a chemical reactions, in cells, that breaks down glucose to release energy.

Most living things use aerobic respiration but switch to anaerobic respiration, which provides less energy, when oxygen is unavailable.

**Aerobic respiration:** Breaking down glucose with oxygen to release energy and producing carbon dioxide and water.



**Anaerobic respiration (fermentation):** Releasing energy from the breakdown of glucose without oxygen, producing lactic acid (in animals) and ethanol and carbon dioxide (in plants and microorganisms). Yeast fermentation is used in brewing and bread making.

**4. Digestion**

Organs of the digestive system are adapted to break large food molecules into small ones which can travel in the blood to cells and are used for life processes.

**Enzymes:** Substances that speed up the chemical reactions of digestion.

**Gut bacteria:** Microorganisms that naturally live in the intestine and help food break down.

**Iron** is a mineral important for red blood cells.

**Calcium** is a mineral needed for strong teeth and bones.

**5. Organs of the digestive system**

**1. Mouth:** mechanically breaks down food using the teeth and mixes with saliva to soften and add enzymes.

**2. Oesophagus:** after swallowing the food is squeezed along this muscular tube to the stomach.

**3. Liver:** produces bile to neutralise stomach acid and emulsify lipids.

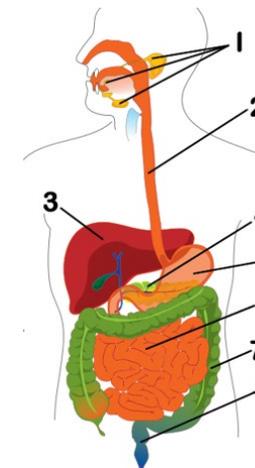
**4. Pancreas:** produces several enzymes essential for digestion.

**5. Stomach:** a sac where food is mixed with acidic juices to start the digestion of protein and kill microorganisms.

**6. Small intestine:** Upper part of the intestine where digestion is completed & nutrients are absorbed by the blood.

**7. Large intestine:** Lower part of the intestine from which water is absorbed & where faeces are formed.

**8. Rectum:** faeces (undigested waste) is stored here until it leaves the body through the anus.

**6. Nutrients in foods and their function**

| Nutrient group | Function  | Examples of nutrient rich food       |
|----------------|---|--------------------------------------|
| Carbohydrate   | Used to provide energy                            | Bread, pasta, rice, potatoes         |
| Protein        | Used for growth and repair of cells               | Fish, meat, eggs, dairy products     |
| Lipids (fats)  | Used to provide energy, store energy and insulate | Butter, oil, nuts                    |
| Vitamins       | Needed in small amounts to maintain health        | Fruit and vegetables, dairy products |
| Minerals       | Needed in small amounts to maintain health        | Salt, milk (calcium), liver (iron)   |
| Fibre          | Helps to keep food moving through the gut         | Vegetables and bran                  |
| Water          | Needed for cells and body fluids                  | Water, fruit juice, milk             |

| French | Key Information | CYCLE 1 | All Years |
|--------|-----------------|---------|-----------|
|--------|-----------------|---------|-----------|

| Les jours de la semaine |
|-------------------------|
| lundi                   |
| mardi                   |
| mercredi                |
| jeudi                   |
| vendredi                |
| samedi                  |
| dimanche                |
| Les mois                |
| janvier                 |
| février                 |
| mars                    |
| avril                   |
| mai                     |
| juin                    |
| juillet                 |
| août                    |
| septembre               |
| octobre                 |
| novembre                |
| décembre                |

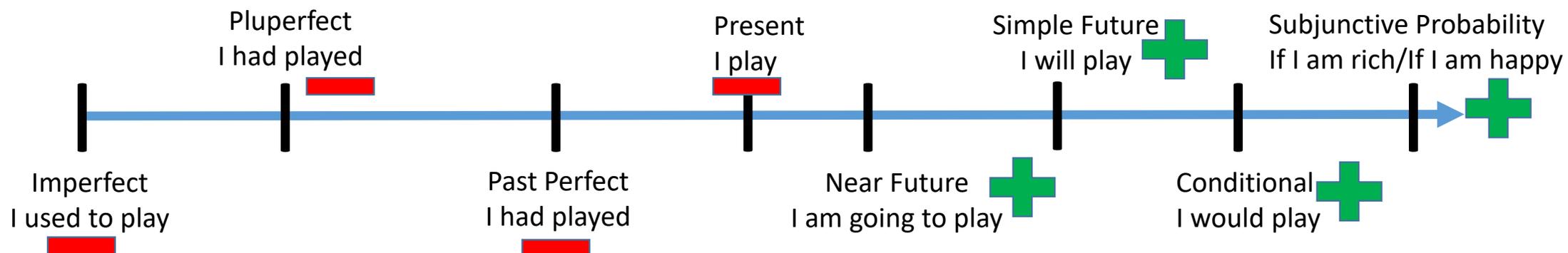
| Les nombres en français   |                     |                             |                                |
|---------------------------|---------------------|-----------------------------|--------------------------------|
| 0 zero                    | 10 dix              | 20 vingt                    | 30 trente                      |
| 1 un                      | 11 onze             | 21 vingt-et-un              | 31 trente-et-un                |
| 2 deux                    | 12 douze            | 22 vingt-deux               | 32 trente-deux                 |
| 3 trois                   | 13 treize           | 23 vingt-trois              | 33 trente-trois                |
| 4 quatre                  | 14 quatorze         | 24 vingt-quatre             | 34 trente-quatre               |
| 5 cinq                    | 15 quinze           | 25 vingt-cinq               | 35 trente-cinq                 |
| 6 six                     | 16 seize            | 26 vingt-six                | 36 trente-six                  |
| 7 sept                    | 17 dix-sept         | 27 vingt-sept               | 37 trente-sept                 |
| 8 huit                    | 18 dix-huit         | 28 vingt-huit               | 38 trente-huit                 |
| 9 neuf                    | 19 dix-neuf         | 29 vingt-neuf               | 39 trente-neuf                 |
| 40 quarante               | 50 cinquante        | 60 soixante                 | 70 soixante-dix                |
| 41 quarante-et-un         | 51 cinquante-et-un  | 61 soixante-et-un           | 71 soixante-onze               |
| 42 quarante-deux          | 52 cinquante-deux   | 62 soixante-deux            | 72 soixante-douze              |
| 43 quarante-trois         | 53 cinquante-trois  | 63 soixante-trois           | 73 soixante-treize             |
| 44 quarante-quatre        | 54 cinquante-quatre | 64 soixante-quatre          | 74 soixante-quatorze           |
| 45 quarante-cinq          | 55 cinquante-cinq   | 65 soixante-cinq            | 75 soixante-quinze             |
| 46 quarante-six           | 56 cinquante-six    | 66 soixante-six             | 76 soixante-seize              |
| 47 quarante-sept          | 57 cinquante-sept   | 67 soixante-sept            | 77 soixante-dix-sept           |
| 48 quarante-huit          | 58 cinquante-huit   | 68 soixante-huit            | 78 soixante-dix-huit           |
| 49 quarante-neuf          | 59 cinquante-neuf   | 69 soixante-neuf            | 79 soixante-dix-neuf           |
| 80 quatre-vingt           |                     | 90 quatre-vingt-dix         |                                |
| 81 quatre-vingt-et-un     |                     | 91 quatre-vingt-onze        |                                |
| 82 quatre-vingt-et-deux   |                     | 92 quatre-vingt-douze       |                                |
| 83 quatre-vingt-et-trois  |                     | 93 quatre-vingt-treize      |                                |
| 84 quatre-vingt-et-quatre |                     | 94 quatre-vingt-quatorze    |                                |
| 85 quatre-vingt-et-cinq   |                     | 95 quatre-vingt-quinze      |                                |
| 86 quatre-vingt-et-six    |                     | 96 quatre-vingt-seize       |                                |
| 87 quatre-vingt-et-sept   |                     | 97 quatre-vingt-sept        |                                |
| 88 quatre-vingt-et-huit   |                     | 98 quatre-vingt-dix-huit    |                                |
| 89 quatre-vingt-et-neuf   |                     | 99 quatre-vingt-dix-neuf    |                                |
| 100 cent                  | 600 six cents       | 105 cent cinq               | 1,001 mille et un              |
| 200 deux cents            | 700 sept cents      | 149 cent quarante-neuf      | 1,500 mille cinq cents         |
| 300 trois cents           | 800 huit cents      | 181 cent quatre-vingt-un    | 1,766 sept cent soixante-six   |
| 400 quatre cents          | 900 neuf cents      | 501 cinq cent un            | 2,001 deux mille un            |
| 500 cinq cents            | 1,000 mille         | 565 cinq cent soixante-cinq | 40,000 quarante mille          |
|                           |                     |                             | 74,000 soixante-quatorze mille |
|                           |                     |                             | 100,000 cent mille             |
|                           |                     |                             | 1,000,000 un million           |
|                           |                     |                             | 3,000,000 trois millions       |
|                           |                     |                             | 1,000,000,000 un-milliard      |

| French SPAG marking |                               |
|---------------------|-------------------------------|
| <b>sp</b>           | Spelling                      |
| <b>art</b>          | Article                       |
| <b>vb</b>           | Verb                          |
| <b>T</b>            | Tense                         |
| <b>Acc</b>          | Accent                        |
| <b>adj</b>          | Adjective incorrect/agreement |
| <b>C</b>            | Capital                       |
| <b>ww</b>           | Wrong word                    |
| <b>?</b>            | Re-phrase/no sense            |
|                     | Word re-order                 |

|        |                 |         |           |
|--------|-----------------|---------|-----------|
| French | Marking Sticker | CYCLE 1 | All Years |
|--------|-----------------|---------|-----------|

| Title:               |   |            |                        |                           |            |
|----------------------|---|------------|------------------------|---------------------------|------------|
| <u>Detail</u>        | <u>WWW</u>                                    | <u>EBI</u> | <u>Tenses</u>          | <u>WWW</u>                | <u>EBI</u> |
| Connectives          | 1 2 3   |            | Present tense          | 1 2 3                     |            |
| Opinions             | 1 2 3   |            | Past Perfect           | 1 2 3                     |            |
| Reasons (adjectives) | 1 2 3   |            | Imperfect              | 1 2 3                     |            |
| Intensifiers         | 1 2 3   |            | Conditional            | 1 2 3                     |            |
| Time expressions     | 1 2 3   |            | Simple Future          | 1 2 3                     |            |
| Adverbs              | 1 2 3   |            | Pluperfect             | 1 2 3                     |            |
| Negatives            | 1 2 3   |            | Perfect Conditional    | 1 2 3                     |            |
|                      |   |            | Subjunctive            | 1                         |            |
| Comparatives         | plus moins                                    |            | Modal Verbs            | 1                         |            |
| Superlatives         | le plus<br>le moins<br>le pire<br>le meilleur |            | Other Persons          | 1 2 3                     |            |
|                      |   |            | <u>Quality of Work</u> | Si j'avais le choix       |            |
| Si clause            | 1 2 3   |            |                        |                           |            |
| Openers              | 1 2 3   |            | 1 Excellent            | Quand j'étais plus jeune  |            |
| Exclamation          | 1 2 3   |            | 2 Good                 | Pour que je sois contente |            |
| Questions            | 1 2 3   |            |                        | Quand je serai plus âgé   |            |
| <u>Total:</u>        |   |            | 4 Poor                 | vu que                    |            |
|                      |   |            |                        | tandis que                |            |
|                      |   |            |                        | Si je pourrais            |            |
|                      |   |            |                        | Pour que je puisse        |            |

| French | Verb conjugation explanation | CYCLE 1 | All Years |
|--------|------------------------------|---------|-----------|
|--------|------------------------------|---------|-----------|



| Tense         | Add or Remove ending                      | Meaning            | Example  |
|---------------|---|--------------------|--|
| Imperfect     | Remove ending ER IR RE OIR                | I used to play     | Jouer – remove er – je jouais                        |
| Pluperfect    | Remove ending ER IR RE OIR                | I had played       | Jouer – remove er – J’avais joué                     |
| Past perfect  | Remove ending ER IR RE OIR                | I have played      | Jouer – remove er – j’ai joué                        |
| Present       | Remove ER IR RE OIR                       | I play             | Jouer – remove er – je joue                          |
| Near future   | Add the infinitive                        | I am going to play | Jouer – add to the structure – je vais jouer         |
| Simple future | Add to the infinitive ER IR RE            | I will play        | Jouer – add the ending to the end – je jouerai       |
| Conditional   | Add to the infinitive ER IR RE            | I would play       | Jouer – add the ending to the end – je jouerais      |
| Subjunctive   | Probability – If I am rich /If I am happy |                    | Learn set sentences (marking sticker& writing frame) |

\*imperfect and conditional share endings

| French  |   | French Literacy Mat  |   | CYCLE 1 | All Years   |
|---|---|--|---|---------|---|
| <b>Connectives</b><br>car / parce que = because<br>puisque = since<br>aussi = also<br>donc = therefore<br>puis = then<br>après = after<br>Ensuite = next/then<br>ou = or<br>cependant = however<br>par conséquent = as a result<br>étant donné que = given that<br>tandis que = whereas<br>vu que = considering that<br>Malgré = despite<br>Afin que = so that<br>Pourvu que = given that<br>Sauf = except<br>Magré = despite<br>En outre furthermore<br>Pour que = so that | <b>Subjunctive</b><br>Pour que je sois = so that I am<br>Pour que je puisse = so that I can<br>Il faut que = It is necessary that<br>Il est essentiel qu'il aie = it is essential that there is...<br>Il est nécessaire qu'on fasse = it is necessary that we do  |  | <b>Adverbs</b><br>d'habitude = Usually<br>normalement = normally<br>quelquefois = sometimes<br>tous les jours = every day<br>généralement = generally |         | <b>Reasons (Adjectives)</b><br><i>c'est... = it is...</i><br><i>c'était... = it was...</i><br><i>ce sera... = it will be...</i><br><i>ce serait...=it would be...</i><br><br>intéressant = interesting<br>passionnant = exciting<br>sympa = nice<br>époustouflant = mind-blowing<br>triste = sad<br>affreux = terrible<br>épouvantable = dreadful<br>bizarre = strange<br>sale = dirty<br>propre = clean<br>bruyant = noisy<br>tranquille = calm<br>beau/joli = nice<br>cher = expensive<br>différent = different<br>ennuyeux = boring<br>mauvais/mal = bad<br>paresseux = lazy<br>vieux = old<br>propre = clean<br>facile = easy<br>moche/ laid = ugly<br>grand = big<br>petit = small |
|   | <b>Questions</b><br>Pourquoi? = Why<br>Qui? = Who?<br>Quand? = When?<br>Comment? = How?<br>Que = What?<br>N'est-ce pas? = Isn't it?<br>As-tu / Avez-vous? = Do you have?  | <b>Time Phrases</b><br>Aujourd'hui = Today<br>Hier = Yesterday<br>Demain = Tomorrow<br>En été = In summer<br>En hiver = In winter<br>L'année dernière = Last year<br>L'année prochaine = Next year<br>À l'avenir = In the future<br>La semaine dernière = Last week<br>Le mois prochain = Next month | <b>Superlatives</b><br>le / la moins = the least<br>le / la plus = the most<br>le / la pire = the worst<br>le / la mieux = the best                   |         |   |
|   | <b>Intensifiers</b><br>très = very<br>assez = quite<br>un peu = a little<br>vraiment = really<br>beaucoup = a lot   | <b>Adjectival Agreement</b><br>un garçon intelligent = a clever boy<br>une fille intelligente = a clever girl<br>un pull bleu = a blue jumper<br>une veste grise = a grey blazer<br>une cravate violette = a purple tie<br>une chemise blanche = a white shirt                                       | <b>Exclamation</b><br>Quel surprise! = What a surprise!<br>Quel chance! = What luck!<br>Quel dommage! = What a shame!<br>Quel horreur! = What horror! |         |   |
| <b>Openers</b><br>D'abord = firstly<br>Par contre = On the other hand<br>Premièrement = Firstly<br>Deuxièmement = Secondly<br>Troisièmement = Thirdly<br>Finalement = Finally<br>Pour moi = As for me   | <b>Complex Opinions</b><br>Je pense que = I think that<br>J'estime que = I consider that<br>Je crois que = I believe that<br>Il me semble que = It seems to me that<br>Je trouve que = I find that<br>À mon avis = in my opinion<br>En ce qui me concerne = Concerning me<br>Je suis d'accord car = I agree because |  | <b>Negatives</b><br>ne... pas = not<br>ne... jamais = never<br>ne... que = only<br>ni... ni = neither... nor<br>ne... plus = not anymore              |         |   |
|   |   | <b>Comparatives</b><br>plus... que = more... than<br>moins... que = less... than   |   |         |   |

| French   |       |                | Verbs            |              |     |               | CYCLE 1 |             | All Years                |               |         |                      |          |                     |               |    |         |                |     |         |                       |         |    |       |         |    |        |     |    |    |         |    |          |    |     |          |    |         |    |    |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |       |         |      |        |     |      |   |         |      |          |      |    |          |      |         |   |      |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |        |         |      |        |      |      |       |         |      |            |      |        |          |      |         |     |      |         |         |      |       |         |      |        |     |      |      |         |      |           |      |       |          |      |         |    |      |        |         |     |         |         |     |        |       |     |     |         |     |            |     |      |          |     |         |     |     |          |         |       |         |         |       |        |       |       |     |         |       |            |       |      |          |       |         |     |       |          |         |
|--|-------|----------------|------------------|--------------|-----|---------------|---------|-------------|--------------------------|---------------|---------|----------------------|----------|---------------------|---------------|----|---------|----------------|-----|---------|-----------------------|---------|----|-------|---------|----|--------|-----|----|----|---------|----|----------|----|-----|----------|----|---------|----|----|--------|---------|----|-------|---------|----|--------|-----|----|---|---------|----|----------|----|----|----------|----|---------|---|----|--------|---------|------|-------|---------|------|--------|-----|------|---|---------|------|----------|------|----|----------|------|---------|---|------|--------|---------|----|-------|---------|----|--------|-----|----|---|---------|----|----------|----|----|----------|----|---------|---|----|--------|---------|------|--------|---------|------|--------|------|------|-------|---------|------|------------|------|--------|----------|------|---------|-----|------|---------|---------|------|-------|---------|------|--------|-----|------|------|---------|------|-----------|------|-------|----------|------|---------|----|------|--------|---------|-----|---------|---------|-----|--------|-------|-----|-----|---------|-----|------------|-----|------|----------|-----|---------|-----|-----|----------|---------|-------|---------|---------|-------|--------|-------|-------|-----|---------|-------|------------|-------|------|----------|-------|---------|-----|-------|----------|---------|
| Pluperfect                                       |       | Past Imperfect |                  | Past Perfect |     | Present Tense |         | Near Future |                          | Simple Future |         | Conditional          |          | Perfect Conditional |               |    |         |                |     |         |                       |         |    |       |         |    |        |     |    |    |         |    |          |    |     |          |    |         |    |    |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |       |         |      |        |     |      |   |         |      |          |      |    |          |      |         |   |      |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |        |         |      |        |      |      |       |         |      |            |      |        |          |      |         |     |      |         |         |      |       |         |      |        |     |      |      |         |      |           |      |       |          |      |         |    |      |        |         |     |         |         |     |        |       |     |     |         |     |            |     |      |          |     |         |     |     |          |         |       |         |         |       |        |       |       |     |         |       |            |       |      |          |       |         |     |       |          |         |
| <b>INFINITIVE: porter = to wear (Regular er)</b> |       |                |                  |              |     |               |         |             |                          |               |         |                      |          |                     |               |    |         |                |     |         |                       |         |    |       |         |    |        |     |    |    |         |    |          |    |     |          |    |         |    |    |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |       |         |      |        |     |      |   |         |      |          |      |    |          |      |         |   |      |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |        |         |      |        |      |      |       |         |      |            |      |        |          |      |         |     |      |         |         |      |       |         |      |        |     |      |      |         |      |           |      |       |          |      |         |    |      |        |         |     |         |         |     |        |       |     |     |         |     |            |     |      |          |     |         |     |     |          |         |       |         |         |       |        |       |       |     |         |       |            |       |      |          |       |         |     |       |          |         |
| I had worn                                       |       |                | I used to wear   |              |     | I wore        |         |             | I am wearing/I wear      |               |         | I am going to wear   |          |                     | I will wear   |    |         | I would wear   |     |         | I would have worn     |         |    |       |         |    |        |     |    |    |         |    |          |    |     |          |    |         |    |    |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |       |         |      |        |     |      |   |         |      |          |      |    |          |      |         |   |      |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |        |         |      |        |      |      |       |         |      |            |      |        |          |      |         |     |      |         |         |      |       |         |      |        |     |      |      |         |      |           |      |       |          |      |         |    |      |        |         |     |         |         |     |        |       |     |     |         |     |            |     |      |          |     |         |     |     |          |         |       |         |         |       |        |       |       |     |         |       |            |       |      |          |       |         |     |       |          |         |
| Je (J')  | avais | porté          | Je (J')          | port         | ais | Je (J')       | ai      | porté       | Je (J')                  | port e        | Je (J') | vais                 | porter   | Je (J')             | porter        | ai | Je (J') | porter         | ais | Je (J') | aurais                | porté   | Tu | avais | porté   | Tu | port   | ais | Tu | as | porté   | Tu | port es  | Tu | vas | porter   | Tu | porter  | as | Tu | aurais | porté   | Il | avait | porté   | Il | port   | ait | Il | a | porté   | Il | port e   | Il | va | porter   | Il | porter  | a | Il | aurait | porté   | Elle | avait | porté   | Elle | port   | ait | Elle | a | porté   | Elle | port e   | Elle | va | porter   | Elle | porter  | a | Elle | aurait | porté   | On | avait | porté   | On | port   | ait | On | a | porté   | On | port e   | On | va | porter   | On | porter  | a | On | aurait | porté   | Nous | avions | porté   | Nous | port   | ions | Nous | avons | porté   | Nous | port ons   | Nous | allons | porter   | Nous | porter  | ons | Nous | aurions | porté   | Vous | aviez | porté   | Vous | port   | iez | Vous | avez | porté   | Vous | port ez   | Vous | allez | porter   | Vous | porter  | ez | Vous | auriez | porté   | Ils | avaient | porté   | Ils | port   | aient | Ils | ont | porté   | Ils | port ent   | Ils | vont | porter   | Ils | porter  | ont | Ils | auraient | porté   | Elles | avaient | porté   | Elles | port   | aient | Elles | ont | porté   | Elles | port ent   | Elles | vont | porter   | Elles | porter  | ont | Elles | auraient | porté   |
| <b>INFINITIVE: finir = to finish ( ir)</b>       |       |                |                  |              |     |               |         |             |                          |               |         |                      |          |                     |               |    |         |                |     |         |                       |         |    |       |         |    |        |     |    |    |         |    |          |    |     |          |    |         |    |    |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |       |         |      |        |     |      |   |         |      |          |      |    |          |      |         |   |      |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |        |         |      |        |      |      |       |         |      |            |      |        |          |      |         |     |      |         |         |      |       |         |      |        |     |      |      |         |      |           |      |       |          |      |         |    |      |        |         |     |         |         |     |        |       |     |     |         |     |            |     |      |          |     |         |     |     |          |         |       |         |         |       |        |       |       |     |         |       |            |       |      |          |       |         |     |       |          |         |
| I had finished                                   |       |                | I used to finish |              |     | I finished    |         |             | I am finishing/ I finish |               |         | I am going to finish |          |                     | I will finish |    |         | I would finish |     |         | I would have finished |         |    |       |         |    |        |     |    |    |         |    |          |    |     |          |    |         |    |    |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |       |         |      |        |     |      |   |         |      |          |      |    |          |      |         |   |      |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |        |         |      |        |      |      |       |         |      |            |      |        |          |      |         |     |      |         |         |      |       |         |      |        |     |      |      |         |      |           |      |       |          |      |         |    |      |        |         |     |         |         |     |        |       |     |     |         |     |            |     |      |          |     |         |     |     |          |         |       |         |         |       |        |       |       |     |         |       |            |       |      |          |       |         |     |       |          |         |
| Je (J')  | avais | fini           | Je (J')          | finiss       | ais | Je (J')       | ai      | fini        | Je (J')                  | fin is        | Je (J') | vais                 | finir    | Je (J')             | finir         | ai | Je (J') | finir          | ais | Je (J') | aurais                | fini    | Tu | avais | fini    | Tu | finiss | ais | Tu | as | fini    | Tu | fin is   | Tu | vas | finir    | Tu | finir   | as | Tu | aurais | fini    | Il | avait | fini    | Il | port   | ait | Il | a | fini    | Il | fin it   | Il | va | finir    | Il | finir   | a | Il | aurait | fini    | Elle | avait | fini    | Elle | finiss | ait | Elle | a | fini    | Elle | fin it   | Elle | va | finir    | Elle | finir   | a | Elle | aurait | fini    | On | avait | fini    | On | finiss | ait | On | a | fini    | On | fin it   | On | va | finir    | On | finir   | a | On | aurait | fini    | Nous | avions | fini    | Nous | finiss | ions | Nous | avons | fini    | Nous | fin issons | Nous | allons | finir    | Nous | finir   | ons | Nous | aurions | fini    | Vous | aviez | fini    | Vous | finiss | iez | Vous | avez | fini    | Vous | fin issez | Vous | allez | finir    | Vous | finir   | ez | Vous | auriez | fini    | Ils | avaient | fini    | Ils | finiss | aient | Ils | ont | fini    | Ils | fin issent | Ils | vont | finir    | Ils | finir   | ont | Ils | auraient | fini    | Elles | avaient | fini    | Elles | finiss | aient | Elles | ont | fini    | Elles | fin issent | Elles | vont | finir    | Elles | finir   | ont | Elles | auraient | fini    |
| <b>INFINITIVE: attendre = to wait (re)</b>       |       |                |                  |              |     |               |         |             |                          |               |         |                      |          |                     |               |    |         |                |     |         |                       |         |    |       |         |    |        |     |    |    |         |    |          |    |     |          |    |         |    |    |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |       |         |      |        |     |      |   |         |      |          |      |    |          |      |         |   |      |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |        |         |      |        |      |      |       |         |      |            |      |        |          |      |         |     |      |         |         |      |       |         |      |        |     |      |      |         |      |           |      |       |          |      |         |    |      |        |         |     |         |         |     |        |       |     |     |         |     |            |     |      |          |     |         |     |     |          |         |       |         |         |       |        |       |       |     |         |       |            |       |      |          |       |         |     |       |          |         |
| I had waited                                     |       |                | I used to wait   |              |     | I waited      |         |             | I am waiting/ I wait     |               |         | I am going to wait   |          |                     | I will wait   |    |         | I would wait   |     |         | I would have waited   |         |    |       |         |    |        |     |    |    |         |    |          |    |     |          |    |         |    |    |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |       |         |      |        |     |      |   |         |      |          |      |    |          |      |         |   |      |        |         |    |       |         |    |        |     |    |   |         |    |          |    |    |          |    |         |   |    |        |         |      |        |         |      |        |      |      |       |         |      |            |      |        |          |      |         |     |      |         |         |      |       |         |      |        |     |      |      |         |      |           |      |       |          |      |         |    |      |        |         |     |         |         |     |        |       |     |     |         |     |            |     |      |          |     |         |     |     |          |         |       |         |         |       |        |       |       |     |         |       |            |       |      |          |       |         |     |       |          |         |
| Je (J')  | avais | attendu        | Je (J')          | attend       | ais | Je (J')       | ai      | attendu     | Je (J')                  | attend s      | Je (J') | vais                 | attendre | Je (J')             | attendr       | ai | Je (J') | attendr        | ais | Je (J') | aurais                | attendu | Tu | avais | attendu | Tu | attend | ais | Tu | as | attendu | Tu | attend s | Tu | vas | attendre | Tu | attendr | as | Tu | aurais | attendu | Il | avait | attendu | Il | attend | ait | Il | a | attendu | Il | attend _ | Il | va | attendre | Il | attendr | a | Il | aurait | attendu | Elle | avait | attendu | Elle | attend | ait | Elle | a | attendu | Elle | attend _ | Elle | va | attendre | Elle | attendr | a | Elle | aurait | attendu | On | avait | attendu | On | attend | ait | On | a | attendu | On | attend _ | On | va | attendre | On | attendr | a | On | aurait | attendu | Nous | avions | attendu | Nous | attend | ions | Nous | avons | attendu | Nous | attend ons | Nous | allons | attendre | Nous | attendr | ons | Nous | aurions | attendu | Vous | aviez | attendu | Vous | attend | iez | Vous | avez | attendu | Vous | attend ez | Vous | allez | attendre | Vous | attendr | ez | Vous | auriez | attendu | Ils | avaient | attendu | Ils | attend | aient | Ils | ont | attendu | Ils | attend ent | Ils | vont | attendre | Ils | attendr | ont | Ils | auraient | attendu | Elles | avaient | attendu | Elles | attend | aient | Elles | ont | attendu | Elles | attend ent | Elles | vont | attendre | Elles | attendr | ont | Elles | auraient | attendu |

| Present Tense Regular Verbs |           |                              |                           |            |                                |                            |            |                              |
|-----------------------------|-----------|------------------------------|---------------------------|------------|--------------------------------|----------------------------|------------|------------------------------|
| ER verb habiter = to live   |           |                              | IR verb finir = to finish |            |                                | RE verb attendre = to wait |            |                              |
| <b>Je (J')</b>              | habit e   | <i>I live</i>                | <b>Je (J')</b>            | fin is     | <i>I finish</i>                | <b>Je (J')</b>             | attend s   | <i>I wait</i>                |
| <b>Tu</b>                   | habit es  | <i>You live (s/informal)</i> | <b>Tu</b>                 | fin is     | <i>You finish (s/informal)</i> | <b>Tu</b>                  | attend s   | <i>You wait (s/informal)</i> |
| <b>Il</b>                   | habit e   | <i>He lives</i>              | <b>Il</b>                 | fin it     | <i>He finishes</i>             | <b>Il</b>                  | attend _   | <i>He waits</i>              |
| <b>Elle</b>                 | habit e   | <i>She lives</i>             | <b>Elle</b>               | fin it     | <i>She finishes</i>            | <b>Elle</b>                | attend _   | <i>She waits</i>             |
| <b>On</b>                   | habit e   | <i>We live</i>               | <b>On</b>                 | fin it     | <i>We finish</i>               | <b>On</b>                  | attend _   | <i>We wait</i>               |
| <b>Nous</b>                 | habit ons | <i>We live</i>               | <b>Nous</b>               | fin issons | <i>We finish</i>               | <b>Nous</b>                | attend ons | <i>We wait</i>               |
| <b>Vous</b>                 | habit ez  | <i>You live (pl/formal)</i>  | <b>Vous</b>               | fin issez  | <i>You finish (pl/formal)</i>  | <b>Vous</b>                | attend ez  | <i>You wait (pl/formal)</i>  |
| <b>Ils</b>                  | habit ent | <i>They live (m/mixed)</i>   | <b>Ils</b>                | fin issent | <i>They finish (m/mixed)</i>   | <b>Ils</b>                 | attend ent | <i>They wait (m/mixed)</i>   |
| <b>Elles</b>                | habit ent | <i>They live (f)</i>         | <b>Elles</b>              | fin issent | <i>They finish (f)</i>         | <b>Elles</b>               | attend ent | <i>They wait (f)</i>         |

| Present Tense Irregular Verbs |       |                              |                |        |                             |                |         |                            |                  |        |                            |
|-------------------------------|-------|------------------------------|----------------|--------|-----------------------------|----------------|---------|----------------------------|------------------|--------|----------------------------|
| avoir = to have               |       |                              | être = to be   |        |                             | faire = to do  |         |                            | aller = to visit |        |                            |
| <b>Je (J')</b>                | ai    | <i>I have</i>                | <b>Je (J')</b> | suis   | <i>I am</i>                 | <b>Je (J')</b> | fais    | <i>I do</i>                | <b>Je (J')</b>   | vais   | <i>I go</i>                |
| <b>Tu</b>                     | as    | <i>You have (s/informal)</i> | <b>Tu</b>      | es     | <i>You are (s/informal)</i> | <b>Tu</b>      | fais    | <i>You do (s/informal)</i> | <b>Tu</b>        | vais   | <i>You go (s/informal)</i> |
| <b>Il</b>                     | a     | <i>He has</i>                | <b>Il</b>      | est    | <i>He is</i>                | <b>Il</b>      | fait    | <i>He does</i>             | <b>Il</b>        | va     | <i>He goes</i>             |
| <b>Elle</b>                   | a     | <i>She has</i>               | <b>Elle</b>    | est    | <i>She is</i>               | <b>Elle</b>    | fait    | <i>She does</i>            | <b>Elle</b>      | va     | <i>She goes</i>            |
| <b>On</b>                     | a     | <i>We have</i>               | <b>On</b>      | est    | <i>We are</i>               | <b>On</b>      | fait    | <i>We do</i>               | <b>On</b>        | va     | <i>We go</i>               |
| <b>Nous</b>                   | avons | <i>We have</i>               | <b>Nous</b>    | sommes | <i>We are</i>               | <b>Nous</b>    | faisons | <i>We do</i>               | <b>Nous</b>      | allons | <i>We go</i>               |
| <b>Vous</b>                   | avez  | <i>You have (pl/formal)</i>  | <b>Vous</b>    | êtes   | <i>You are (pl/formal)</i>  | <b>Vous</b>    | faites  | <i>You do (pl/formal)</i>  | <b>Vous</b>      | allez  | <i>You go (pl/formal)</i>  |
| <b>Ils</b>                    | ont   | <i>They have (m/mixed)</i>   | <b>Ils</b>     | sont   | <i>They are (m/mixed)</i>   | <b>Ils</b>     | font    | <i>They do (m)</i>         | <b>Ils</b>       | vont   | <i>They go (m/mixed)</i>   |
| <b>Elles</b>                  | ont   | <i>They have (f)</i>         | <b>Elles</b>   | sont   | <i>They are (f)</i>         | <b>Elles</b>   | font    | <i>They do (f)</i>         | <b>Elles</b>     | vont   | <i>They go (f)</i>         |

|        |       |         |           |
|--------|-------|---------|-----------|
| French | Verbs | CYCLE 1 | All Years |
|--------|-------|---------|-----------|

| Present Tense   | Past Perfect  | Immediate Future   | Conditional   | Simple Future   | Past Imperfect   | Past Pluperfect  | Perfect Conditional   |
|---|---|--|---|---|--|--|---|
| INFINITIVE: aller = to go (Irregular)   |   |  |   |   |  |  |   |
| I am going / I go   | I have gone / I went  | I am going to go   | I would go  | I will go   | I was going / I used to go   | I had gone   | I would have gone   |
| Je (J') vais<br>Tu vas<br>Il } va<br>Elle } va<br>On } va<br>Nous allons<br>Vous allez<br>Ils } vont<br>Elles } vont  | Je (J') suis allé(e)<br>Tu es allé(e)<br>Il } est allé(e)<br>Elle } est allé(e)<br>On } est allé(e)<br>Nous sommes allé(e/s)<br>Vous êtes allé(e/s)<br>Ils } sont allé(e/s)<br>Elles } sont allé(e/s) | Je (J') vais aller<br>Tu vas aller<br>Il } va aller<br>Elle } va aller<br>On } va aller<br>Nous allons aller<br>Vous allez aller<br>Ils } vont aller<br>Elles } vont aller | Je (J') irais<br>Tu irais<br>Il } irait<br>Elle } irait<br>On } irait<br>Nous irions<br>Vous iriez<br>Ils } iraient<br>Elles } iraient          | Je (J') irai<br>Tu iras<br>Il } ira<br>Elle } ira<br>On } ira<br>Nous irons<br>Vous irez<br>Ils } iront<br>Elles } iront  | Je (J') allais<br>Tu allais<br>Il } allait<br>Elle } allait<br>On } allait<br>Nous allions<br>Vous alliez<br>Ils } allaient<br>Elles } allaient          | Je (J') étais allé(e)<br>Tu étais allé(e)<br>Il } était allé(e)<br>Elle } était allé(e)<br>On } était allé(e)<br>Nous étions allé(e/s)<br>Vous étiez allé(e/s)<br>Ils } étaient allé(e/s)<br>Elles } étaient allé(e/s) | Je (J') serais allé(e)<br>Tu serais allé(e)<br>Il } serait allé(e)<br>Elle } serait allé(e)<br>On } serait allé(e)<br>Nous serions allé(e/s)<br>Vous seriez allé(e/s)<br>Ils } seraient allé(e/s)<br>Elles } seraient allé(e/s) |
| INFINITIVE: faire = to do / make (Irregular)  |   |  |   |   |  |  |   |
| I am doing/ I do  | I have done / I did   | I am going to do   | I would do  | I will do   | I was doing / I used to do   | I had done   | I would have done   |
| Je (J') fais<br>Tu fais<br>Il } fait<br>Elle } fait<br>On } fait<br>Nous faisons<br>Vous faites<br>Ils } font<br>Elles } font   | Je (J') ai fait<br>Tu as fait<br>Il } a fait<br>Elle } a fait<br>On } a fait<br>Nous avons fait<br>Vous avez fait<br>Ils } ont fait<br>Elles } ont fait   | Je (J') vais faire<br>Tu vas faire<br>Il } va faire<br>Elle } va faire<br>On } va faire<br>Nous allons faire<br>Vous allez faire<br>Ils } vont faire<br>Elles } vont faire | Je (J') ferais<br>Tu ferais<br>Il } ferait<br>Elle } ferait<br>On } ferait<br>Nous ferions<br>Vous feriez<br>Ils } feraient<br>Elles } feraient | Je (J') ferai<br>Tu feras<br>Il } fera<br>Elle } fera<br>On } fera<br>Nous ferons<br>Vous ferez<br>Ils } feront<br>Elles } feront   | Je (J') faisais<br>Tu faisais<br>Il } faisait<br>Elle } faisait<br>On } faisait<br>Nous faisions<br>Vous faisiez<br>Ils } faisaient<br>Elles } faisaient | Je (J') avais fait<br>Tu avais fait<br>Il } avait fait<br>Elle } avait fait<br>On } avait fait<br>Nous avions fait<br>Vous aviez fait<br>Ils } avaient fait<br>Elles } avaient fait                                    | Je (J') aurais fait<br>Tu aurais fait<br>Il } aurait fait<br>Elle } aurait fait<br>On } aurait fait<br>Nous aurions fait<br>Vous auriez fait<br>Ils } auraient fait<br>Elles } auraient fait                                    |
| <b>DR/MRS VANDERTRAMP verbs take être not avoir</b><br>Descendre – je suis descendu(e)(s) - to come down (stairs)<br>Rester – je suis resté(e)(s) - to stay<br>Monter – je suis monté(e)(s) - to climb<br>Revenir – je suis revenu (e)(s) - to return<br>Sortir – je suis sorti(e)(s) - to go out<br>Venir – Je suis venue (e)(s) - to come<br>Aller – je suis allé(e)(s) - to go<br>Naître - je suis né(e)(s) - to be born |   |  |   | Devenir – je suis devenu(e)(s) - to become<br>Entrer – je suis entré(e)(s) - to enter<br>Rentrer – je suis rentré(e)(s) - to re-enter<br>Tomber – je suis tombé(e)(s) - to fall<br>Retourner – je suis retourné(e)(s) - to return<br>Arriver- je suis arrivé(e)(s) - to arrive<br>Mourir – je suis mort(e)(s) - to die<br>Partir – je suis parti(e)(s) - to leave |  |  |   |

| French                  |                | Education             |                 |                         |                              | CYCLE 1                  |                  | Year 8 |  |
|-------------------------|----------------|-----------------------|-----------------|-------------------------|------------------------------|--------------------------|------------------|--------|--|
| Week 1                  |                | Week 2                |                 |                         |                              | Week 3                   |                  |        |  |
| Verbs Education         |                | Verbs Education       |                 | Subjects                |                              | Facilities               |                  |        |  |
| étudier                 | to study       | commencer             | to start        | le commerce             | Business                     | la récréation            | playground       |        |  |
| réviser                 | to revise      | porter                | to wear         | le dessin               | Art                          | la cantine               | canteen          |        |  |
| jouer                   | to play        | expliquer             | to explain      | la technologie          | Design technology            | les laboratoires         | laboratories     |        |  |
| apprécier               | to appreciate  | participer            | to participate  | l'informatique          | ICT                          | une salle de classe      | classrooms       |        |  |
| écouter                 | to listen      | faire                 | to do           | la chimie               | Chemistry                    | une piscine              | swimming pool    |        |  |
| respecter               | to respect     | aller                 | to go           | l'anglais               | English                      | une salle de gymnastique | gym hall         |        |  |
| ranger                  | to tidy up     | comprendre            | to understand   | le français             | French                       | une salle d'informatique | ict suites       |        |  |
| manger                  | to eat         | apprendre             | to learn        | l'éducation physique    | PE                           | une bibliothèque         | library          |        |  |
| changer                 | to change      | répondre              | to respond      | l'espagnol              | Spanish                      | un centre de jeunesse    | youth centre     |        |  |
| aider                   | to help        | finir                 | to finish       | une pause               | Break                        | un bureau                | office           |        |  |
| Week 4 and Week 5       |                | Week 6                |                 | Week 7                  |                              | Week 7                   |                  |        |  |
| Teachers                |                | Time – L'heure        |                 | Education – Modal Verbs |                              | Education - Uniform      |                  |        |  |
| strict(e)/ sérieux (se) | strict/serious | douze/treize/quatorze | 12 13 14        | on doit                 | you must                     | une jupe                 | a skirt          |        |  |
| sympa / drôle           | kind/funny     | quinze/seize          | 15 16           | on ne doit pas          | you must not                 | un pull                  | a jumper         |        |  |
| ennuyeux (euse)         | annoying       | vingt et un           | 21              | on peut                 | you can                      | une chemise              | a shirt          |        |  |
| gentil/gentille         | kind           | trente deux           | 32              | on ne peut pas          | you cannot                   | une veste                | a blazer         |        |  |
| méchant (e)             | mean           | quarante trois        | 43              | je veux                 | i want                       | un manteau               | a coat           |        |  |
| paresseux/paresseuse    | lazy           | cinquante sept        | 57              | je voudrais             | i would like                 | des chaussures noires    | some black shoes |        |  |
| marrant (e)             | funny          | midi/minuit           | midday midnight | il faut                 | you must                     | des baskets              | some trainers    |        |  |
| compréhensif (ive)      | understanding  | et demie              | half past       | il ne faut pas          | you must not                 | un pantalon              | trousers         |        |  |
| créatif (ive)           | creative       | et quart              | and a quarter   | il faut qu'on soit      | it is necessary that you are | des chaussettes          | some socks       |        |  |
| travailleur (euse)      | hardworking    | moins le quart        | minus a quarter |                         |                              |                          |                  |        |  |

|        |           |         |        |
|--------|-----------|---------|--------|
| French | Education | CYCLE 1 | Year 8 |
|--------|-----------|---------|--------|

| Week 8             |               | Week 9                 |                      | Week 10        |                        |                 |                    |
|--------------------|---------------|------------------------|----------------------|----------------|------------------------|-----------------|--------------------|
| Uniform Adjectives |               | Education - Rules      |                      | Present        |                        | Imperfect       |                    |
| vieux              | old           | être en retard         | to be late           | je vais        | I go / am going        | j'allais        | I used to go       |
| démodé             | outdated      | manger en classe       | to eat in class      | j'aime         | I like / am liking     | j'aimais        | I used to like     |
| affreux            | awful         | porter des bijoux      | to wear jewellery    | je mange       | I eat /am eating       | je mangeais     | I used to eat      |
| facil              | easy          | se maquiller           | to put make-up on    | je porte       | I wear /am wearing     | je portais      | I used to wear     |
| fast               | rapide        | parler en classe       | to speak in class    | je fais        | I do / I am doing      | je faisais      | I used to do       |
| cher               | expensive     | faire des devoirs      | to do homework       | je joue        | I play /am playing     | je jouais       | I used to play     |
| élégant            | elegant       | utiliser les portables | to use mobile phones | j'apprends     | I learn /am learning   | j'apprenais     | I used to learn    |
| incomfortable      | uncomfortable | fumer                  | to smoke             | je révise      | I revise / am revising | je révisais     | I used to revise   |
| pratique           | practical     | respecter les autres   | to respect others    | c'est/ ce sont | It is / they a re      | c'était/étaient | It was / they were |

| Week 11                    |                | Week 12                   |                   |
|----------------------------|----------------|---------------------------|-------------------|
| Ideal School - Conditional |                | Future Plans              |                   |
| j'irais                    | I would go     | une année sabbatique      | a gap year        |
| je voudrais                | I would like   | un apprentissage          | an apprenticeship |
| j'aimerais                 | I would like   | l'université              | university        |
| je ferais                  | I would do     | un travail                | a job             |
| j'apprendrais              | I would learn  | un emploi à temps partiel | a part time job   |
| je finirais                | I would finish | un stage en entreprise    | work experience   |
| j'étudierais               | I would study  | à l'étranger              | abroad            |
| je travaillerais           | I would work   | un boulot                 | a job             |
| je pourrais                | I could        | fabriquer une entreprise  | make a company    |

Week 13 revise week 10 vocabulary



| Geography   |   | Risky Earth/Dynamic Landscapes   | CYCLE 1 | YEAR 8 |
|---|---|--|---------|--------|
| Box   | Key Knowledge to learn  |  |         |        |
| 1 – Key Terms   | <p><b>Natural Event:</b> something which happens because of physical geography e.g. <i>A volcano on an uninhabited island would be a natural event as if it erupted no one would be effected</i></p> <p><b>Natural Hazard:</b> an event which can cause damage and death e.g. <i>A volcano surrounded by urban areas would be a natural hazard as if it erupted it would affect people</i></p> <p><b>Hazard Risk:</b> chance that a hazard might take place in an area e.g. <i>Yorkshire has no risk of a Tsunami but a high risk of heavy rainfall and flood event</i></p> <p><b>Hazard Risk Changes</b> - Recorded natural hazards have increased over time &gt; more people are at risk from hazard:</p> <ul style="list-style-type: none"> <li>• <b>Population Increase</b> - More people on the planet → living in more areas &gt; experience more hazards</li> <li>• <b>Urbanisation</b> - More living in urban areas &gt; more affected if a hazard takes place in that area &gt; less people affected in rural areas as spread out</li> <li>• <b>Wealth</b> - Poorer people live in riskier areas as the land is cheaper &gt; more at risk</li> </ul> |  |         |        |
| 2 – Location and Causes of Wildfires                    | <p><b>Australian Wildfires 2020</b></p> <p><b>Requirements</b></p> <ul style="list-style-type: none"> <li>• Leaf litter / soil on the ground</li> <li>• Warm and wet climate for vegetation growth then hot and dry</li> <li>• Source of ignition</li> </ul> <p><b>Natural Causes (10% of fires)</b></p> <ul style="list-style-type: none"> <li>• Hot and dry spell due to Indian Ocean Dipole dried out forest floor</li> <li>• Temperatures of 41.9 °C plus</li> <li>• Strong winds spread fires</li> </ul> <p><b>Human Causes (90% of fires)</b></p> <ul style="list-style-type: none"> <li>• CO2 increase: climate change</li> <li>• Camping, cigarettes, arson</li> </ul>  | <p>Wildfires are <b>unevenly</b> distributed around the world and occur in <b>clusters</b>. The area that experienced the greatest distribution of wildfires was in the south of <b>Africa</b>. There is an exception with a wildfire taking place near the north pole in <b>Greenland</b> compared to the rest of the fires mainly at <b>low</b> latitudes.</p>  |         |        |
| 3 – Effects and Responses and distribution of Wildfires | <p><b>Primary Effects</b></p> <ul style="list-style-type: none"> <li>• 6,000 buildings and 3,000 homes destroyed &gt; homelessness</li> <li>• \$: Billions spent on fire and rescue &gt; less money for other services</li> <li>• Env: Millions of animals killed → loss of biodiversity &gt; ecosystem collapse</li> </ul> <p><b>Secondary Effects</b></p> <ul style="list-style-type: none"> <li>• Canberra worst air quality in the world &gt; more death: asthma</li> <li>• \$: Damaged infrastructure &gt; loss of tourism &gt; loss of money / jobs Env: 1 billion animals will die after the fires due to a loss of food and habitat</li> </ul> <p><b>Monitoring:</b> look at the climate and weather to detect changes and development of conditions for fires</p>  | <p><b>Prediction:</b> using monitoring to say when a fire will occur and where which allows evacuation</p> <p><b>Planning:</b> People know what to do when a warning is given that a fire may occur. E.g. having fuel in a car to drive away</p> <p><b>Preparation:</b> by trying to reduce damage when the hazard does occur. E.g. keeping areas around houses clear of vegetation</p>  |         |        |

|  Geography | Risky Earth/Dynamic Landscapes  | CYCLE 1   | YEAR 8  |
|---|---|---|---|
|  Box       | Key Knowledge to learn  |   |   |
| 4 – Key terms and cold places   | <b>Key Terms</b><br><b>Landscape:</b> key visual features of an area<br><b>Relief:</b> height and the shape of the land.<br><b>Altitude / elevation:</b> height above sea level<br><b>Gradient:</b> how steep the land is<br><b>Contour Lines:</b> <ul style="list-style-type: none"> <li>• Thin brown lines on OS maps</li> <li>• Each line represents a height above sea level</li> <li>• Contours close together show a steep gradient</li> <li>• Contours far apart show a gentle gradient</li> </ul>   | <b>Polar Environments</b> <ul style="list-style-type: none"> <li>• Below freezing all year; low precipitation levels ;High latitudes at the poles</li> </ul> <b>Tundra Environments</b> <ul style="list-style-type: none"> <li>• Short seasonal summers; precipitation mainly snow; High latitudes and in linear bands</li> </ul> <b>High Mountain Ice</b> <ul style="list-style-type: none"> <li>• High altitude so precipitation as snow; Linear bands following mountain ranges</li> </ul> <b>UK Examples of Past Cold Areas</b> <ul style="list-style-type: none"> <li>• Snowdonia, Wales; Lake District, England; Highlands, Scotland</li> </ul> |   |
| 5 – Processes and features  | <b>Processes</b><br><b>Removing Material</b><br><b>Erosion:</b> wearing away of rock through movement<br><b>Abrasion:</b> rocks at base of glacier scrape along bedrock leaving scratches<br><b>Plucking:</b> rocks become frozen in the bottom of the glacier and are plucked out<br><b>Weathering:</b> wearing away of rock in situ <b>Freeze-Thaw Weathering:</b> water enters cracks, freezes and expands putting pressure on the rock, melts and repeats, rock breaks off  | <b>Glacial Features</b><br><b>Corrie:</b> armchair shaped hollow > steep back wall created by plucking and deepened base by abrasion > after glaciation hollow filled by a lake called a tarn<br><br><b>Arête:</b> narrow knife edge ridge where two corries have eroded back to back by freeze-thaw weathering and plucking.<br><b>U-Shaped Valley:</b> steep valley sides and a wide floor formed by erosion of a V Shaped Valley by a glacier.   |   |
| 6 – Malham – Opportunities and challenges + Sustainable Management                          | <b>Malham Location &amp; Formation</b><br><b>Malham:</b> Northern England, North Yorkshire, Yorkshire Dales National Park. Situated to the North West of Bradford.<br>Geology (rock type) is limestone:<br>Created under the sea 330 million years ago <ul style="list-style-type: none"> <li>• Buried animal shells and deposits compact to form sedimentary rock</li> <li>• Land moved from equator northwards</li> <li>• Uplifted from the sea to form land</li> <li>• Malham cove formed by erosion from glaciers including abrasion of floor and plucking of wall</li> </ul> Weathering created clints and grykes (gaps) | <b>Opportunities and Challenges</b><br><b>3 Pubs and 1 B&amp;B</b> > tourists stay in the area and spend money > profit for local business > honey pot site à <i>can cause congestion, litter and pollution which would put people off visiting</i><br><b>Transportation to Malham</b> > 90% of people arrive by car > congestion and air pollution on small roads > loss of natural beauty > <i>locals can earn money by charging cars to park</i>   | <b>Sustainable Future Management</b> <ul style="list-style-type: none"> <li>• Walkers may disrupt sheep, leave gates open and damage dry stone walls &gt; clear signs to indicate paths, improved path routes to stop tourists going into sensitive areas &gt; rely on tourists to be sensible</li> <li>• 90% of visits are by car which causes congestion and not enough car parks &gt; creation of new field car parks operated by local people for summer tourism of which the car park fee goes towards local community projects</li> </ul> |

| History   |   | Industrial Britain   |   |                         |                             | Cycle 1                      | Year 8  |   |   |   |      |  |
|-----------|---|--|---|-------------------------|-----------------------------|------------------------------|---|---|---|---|------|--|
| Week      | Key Knowledge to learn  |  |   |                         |                             |                              |   |   |   |   |      |  |
| Section A | <b>Key Words</b>  |  | <b>Industrial Revolution</b><br>1750-1900   |                         |                             |                              | <b>Britain's top 5 industries 1750-1900</b>   |   | <b>The Main Changes:</b>                |   |      |  |
|           | Factory   | A building or group of buildings where goods are manufactured                                |   |                         |                             |                              |   |   | 1750                                    |   | 1900 |  |
|           | Manufacture   | To make something on a large scale using machinery   | <ul style="list-style-type: none"> <li>This was a time of big changes in the way that people lived and worked in Britain.</li> <li>The changes happened mainly because of one invention: the steam engine.</li> <li>This made production of goods much faster.</li> </ul> |                         |                             |                              | 11 million people in Britain  |   | 40 million people in Britain            |   |      |  |
|           | Revolution  | A rapid change over a short period of time   |   |                         |                             |                              | 20% lived in towns  |   | 75% lived in towns                      |   |      |  |
|           | Merchant  | Someone who trades goods for profit  |   |                         |                             |                              | Most people were farmers  |   | Most people worked in factories/offices |   |      |  |
|           |   | 1760-1820<br>George III  | 1820-1830<br>George IV  | 1830-1837<br>William IV | 1837-1901<br>Queen Victoria | Coal – to power the machines |   | Goods were made by hand at home   |   | Good were made by steam powered machines in factories |      |  |
| Section B | <p><b>Section B - The Development of Inventions, Factories &amp; Towns</b></p> <p><b>The Domestic System - Before factories as we would identify them, all manufacture of products like textiles was done at home and on a small scale. Work was confined to a cottage with everybody doing their bit.</b></p> <p><b>Stage One</b> – Merchant buys raw wool from sheep raiser. <b>Stage Two</b> – Merchant takes wool to farming families, women and children clean, sort and spin wool into yarn (thread). <b>Stage Three</b> – Merchant takes yarn to weaver, with hand loom. <b>Stage Four</b> – Merchant takes cloth to be cleaned and shaped. <b>Stage Five</b> – Merchant take cloth to be dyed. <b>Stage Six</b> – Merchant takes fabric to market</p> <p><b>Problems</b> – Slow process, expensive, too many stages in production, shortage of products for growing population</p> <p><b>Solution</b> - Invent new machinery to do the work at low cost and more efficiently</p> <p><b>Richard Arkwright</b> is the person credited with inventing the prototype of the modern <b>factory</b>. After he patented his water frame in 1769. This was an invention for spinning thread or yarn from fibres such as wool or cotton in a mechanized way.</p> <p><b>Edmund Cartwright</b> then invented the Power Loom in 1784-1785, a mechanized loom, and was one of the key developments in the industrialization of weaving. Therefore more factories were needed to house and power these machines, built in towns it would eventually lead to overcrowding.</p> |  |   |                         |                             |                              |   |   |   |   |      |  |
| Section C | <b>Conditions at the BEGINNING of the 1800s (19<sup>th</sup> century)</b>   |  |   |                         |                             |                              |   |   |   |   |      |  |
|           | Factory conditions  |  |   |                         |                             |                              | Living conditions   |   |   |   |      |  |
|           | Wages   | Low, often reduced by fines. BUT regular compared to domestic system                         |   |                         |                             |                              | Houses  | Rented by the room, cramped. Badly built. Damp. No kitchens or bathrooms                                |   |   |      |  |
|           | Hours   | Long, typically 14-16 per day. Very few breaks.  |   |                         |                             |                              | Water   | From a standpipe in the street. Not always working. Could be contaminated.                              |   |   |      |  |
|           | Workers   | Men, women and children from 4yrs  |   |                         |                             |                              | Toilets   | Shared by whole street. Just a seat over a 'pit' to collect waste.                                      |   |   |      |  |
|           | Dangers   | Trapped in/under machines as there were no safety guards, cotton in air caused lung diseases |   |                         |                             |                              | Waste   | No rubbish collections. Sewers were open (not underground). Rubbish and waste collected in open gutters |   |   |      |  |
| Treatment | Harsh. Workers could be beaten. Rising population meant they were easily replaced and so could not complain.  |  |   |                         |                             | Animals                      | Living with animals (e.g. pigs) was common. This spread diseases                      |   |   |   |      |  |
|           |   |  |   |                         |                             | Streets                      | Narrow, not properly paved. Muddy and dirty. The air was polluted from factory smoke. |   |   |   |      |  |

| History   |  | Industrial Britain   |  | Cycle 1  | Year 8 |  |
|---|--|--|--|--|--------|--|
| Week  | Key Knowledge to learn   |  |  |  |        |  |
| Section D   | <b>Why were conditions so poor?</b><br><b>Diseases that spread quickly (and could kill) in a typical Industrial Revolution town:</b>   |  |  |  |        |  |
|   | Cholera  | Typhoid  | Smallpox   | Diphtheria   |        |  |
|   | <ul style="list-style-type: none"> <li>Both caused by dirty water</li> <li>Symptoms of Cholera include watery diarrhoea, vomiting, rapid heart rate, dry mouth, low blood pressure. Death usually occurs within two days.</li> <li>Symptoms of Typhoid include poor appetite, stomach pain, headaches, high fever, internal bleeding.</li> <li>Difficult to treat both illnesses due to poor hygiene and water supplies contaminated by waste getting into ground water. Diseases only prevented by creation of drainage systems, piped clean water into homes and sewers.</li> </ul>  |  | <ul style="list-style-type: none"> <li>Both highly infectious caused by bacteria</li> <li>Symptoms of Smallpox include high fever, skin rash similar to flat spots which blister and leave scars, vomiting, stomach pain, diarrhoea.</li> <li>Symptoms of Diphtheria include sore throat, swollen glands, fever and chills</li> <li>Difficult to cure both illnesses and epidemics common due to overcrowding in industrial towns. Also little known about bacterial and viral diseases due to limited medical knowledge in this area until 1900s. Only prevented through better living conditions and treatment with discovery of antibiotics.</li> </ul> |  |        |  |
|   | <b>Why were conditions so bad?</b>   |  |  |  |        |  |
|   | 1  | There were no laws to prevent it. Parents beat their children. Employers could beat their workers. There were no laws that said houses must be a good quality. |  |  |        |  |
|   | 2  | No-one really knew the link between dirt and disease (until 1861) so they did not fully understand what was needed to improved conditions                      |  |  |        |  |
| 3   | The government did not see it as their responsibility to help the poor – “laissez faire” attitude  |  |  |  |        |  |
| 4   | Poor working people did not have the right to vote and therefore no way of making a change   |  |  |  |        |  |
| Section E   | <b>Why was Saltaire different?</b><br>Titus Salt built a factory outside Bradford in the 1850s to get away from the terrible conditions in the city centre. His factory had a <b>different kind of smoke burner</b> to reduce pollution. He also built a <b>village</b> (Saltaire) of 850 houses for his 3,500 workers. The houses were well built, with <b>water piped into each one</b> and an <b>outside toilet</b> . Streets were <b>well paved</b> with gas lighting. The village also had a <b>hospital, a park, the ‘Victoria Institute’</b> where adult workers could get an education and <b>‘alms houses’</b> where Saltaire workers could live when they retired. However strict rules had to be followed such as no drinking of alcohol, no singing, preaching or dancing, playgrounds only to be used on Sundays and you were not allowed to meet with groups of people. Salt died in 1876. |  |  |  |        |  |
|   | <b>Did factories get any better? Factory laws:</b>   |  |  |  |        |  |
|   | 1819   | No children under 9 to work<br>Factory owners could be fined   | 1844   | All textile machines had to have guards<br>Cleaning of moving machinery was banned |        |  |
|   | 1833   | 9 hour maximum for children aged 9-13<br>4 factory inspectors would check  | 1847   | 10 hour maximum working day for women and young people                             |        |  |
|   | 1895   | Factories had to be clean, well ventilated and not overcrowded. Factory owners had to report accidents   |  |  |        |  |
| <b>Problems with the laws:</b> many factory owners were taken to court and <b>FINED</b> – this shows they <b>did not always follow</b> the laws. It took a <b>LONG TIME</b> to cover all the problems in factories (e.g. air quality not mentioned until 1890s). Young children ( <b>over 11</b> ) were <b>still working in factories</b> even by 1900. |  |  |  |  |        |  |

| RE                  | Hinduism   | Cycle 1 | Year 8 |
|---------------------|--|---------|--------|
| Area                | Key Knowledge to learn   |         |        |
| <b>1- Key facts</b> | <ul style="list-style-type: none"> <li>• There is no one founder for Hinduism; it is a collection of beliefs and teachings that came together to make up the Hindu religion.</li> <li>• Hinduism began in the Indus Valley in India.</li> <li>• It is around 5,000 years old.</li> <li>• There are about 1.1 billion Hindus in the world; this is about 15% of the world's population.</li> <li>• 95% of the world's Hindus live in India.</li> <li>• The major books of Hinduism are: the Vedas, Ramayana, Bhagavad Gita, 18 Puranas, and Mahabharata.</li> <li>• The most common language for Hindu scriptures is Sanskrit- the oldest language in the world.</li> <li>• Hindus believe in reincarnation- the soul is immortal, but takes on the form of many bodies until they achieve enlightenment</li> </ul>   |         |        |
| <b>2 – Trimurti</b> | <ul style="list-style-type: none"> <li>▪ Hindus believe in one Supreme Being called Brahman. They believe that Brahman is everywhere all of the time, like salt dissolved in water.</li> <li>▪ The majority of Hindus believe that Hinduism is a monotheistic religion because they all believe in one Supreme Being, Brahman.</li> <li>▪ In Hinduism there are thousands of gods and goddesses who all part of the one Supreme Being.</li> <li>▪ The Trimurti refers to three important gods in Hinduism – Brahma, Vishnu and Shiva.</li> <li>▪ Brahma is the Creator, Vishnu is the Sustainer of life and Shiva is the Destroyer. They represent Brahman's powers to create, sustain and destroy all things.</li> <li>▪ Although Hindus worship these gods and goddesses, many Hindus argue that it is not a polytheistic religion; these deities just show different roles and aspect of the one Supreme Being, Brahman.</li> </ul> |         |        |
| <b>3 – Worship</b>  | <ul style="list-style-type: none"> <li>▪ Puja can take place anywhere – at home, at the mandir (temple) or even at work</li> <li>▪ Most Hindus worship at least once a day, in the early morning. Here in the UK, puja is often done at home as a family each day, and also at the mandir on a Sunday.</li> <li>▪ Puja engages all five senses so you go away from it alert and ready for your day.</li> <li>▪ It takes place before murtis, statues of the deities the worshippers particularly want to worship.</li> <li>▪ The Puja tray contains water for cleansing the hands, red paste to dot on the heads of the murtis and worshippers, incense, an aarti lamp to awaken the god in the murti, a bell and food offerings for the deities. Music is often played to engage the sense of hearing.</li> </ul>   |         |        |

| RE                   |   | Hinduism | Cycle 1 | Year 8 |
|----------------------|---|----------|---------|--------|
| Week                 | Key Knowledge to learn  |          |         |        |
| 4 – Diwali           | <ul style="list-style-type: none"> <li>• Diwali happens each year in autumn to celebrate the victory of light over darkness, and the coming of the Hindu New Year.</li> <li>• Diwali is also known as the Festival of Light.</li> <li>• Diwali is celebrated on the fifteenth day of the Hindu month of Kartika.</li> <li>• During the festival the story of Rama and Sita is remembered.</li> <li>• Hindus celebrate by lighting divas, setting off fireworks, making Rangoli pictures and cleaning their homes and wearing new clothes.</li> </ul>  |          |         |        |
| 5 – Hindu gods       | <ul style="list-style-type: none"> <li>• Some people believe Hinduism is a polytheistic religion as it has numerous gods, whereas as others believe it's a monotheistic religion as all the Hindu gods are aspects of brahman</li> <li>• Popular Hindu gods of worship are:</li> <li>• Ganesh- God of success and is depicted with the head of an elephant.</li> <li>• Krishna- God compassion and love. He is important as he played a big role in creating the Bhagavad Gita and is considered to be a supreme God.</li> <li>• Hanuman- is the Hindu god of courage and is depicted with a face of a monkey and is popular god as he helped Rama find Sita.</li> <li>• Lakshmi- The God of light and wealth, Lakshmi is popular as she is mainly worshiped during Diwali as she symbolises light.</li> </ul>  |          |         |        |
| 6 - Life after death | <ul style="list-style-type: none"> <li>• <u>Nothing</u>: when we die nothing happens, the death of the physical body means the end of life. Many non-religious people (atheists) believe this idea and that we should focus on our actions today rather than thinking about what might happen we die. People believe this view because there is no scientific evidence for life after death.</li> <li>• <u>Resurrection</u>: Some religious people believe in the idea of being raised from the dead, judged by God, and sent to heaven or hell. Christians and Muslims believe that when we die if you have done good things and followed religious teachings you will be rewarded with heaven but if you have not done good things you will be punished with hell.</li> <li>• <u>Reincarnation</u>: the idea that when we die some part of us lives on in another living thing. There are different views on what this means, in Hinduism it is the idea that the soul moves into another physical body.</li> <li>• Everyone's soul (atman) is born into a living body.</li> <li>• Over your life you build up good or bad karma (actions).</li> <li>• When you die your karma (actions) dictate what body your soul will be born back into. If you had good karma, you will be born into a more fortunate person with higher status in society; if you had bad karma you will return to a less fortunate life, or even as an animal or insect.</li> <li>• When your atman is pure when you then will be released from the cycle of samsara and become part of Brahman. This is called achieving moksha.</li> </ul> |          |         |        |

**Section A**

Mark are used to show different things in drawing and painting



*Mood or Emotion*



*Texture*



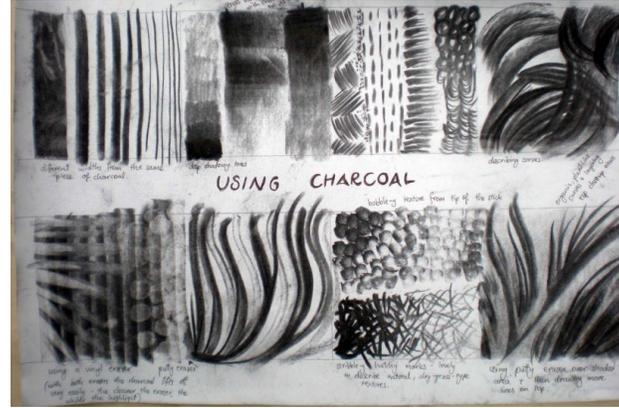
*Movement*



*Shading  
3D Form*

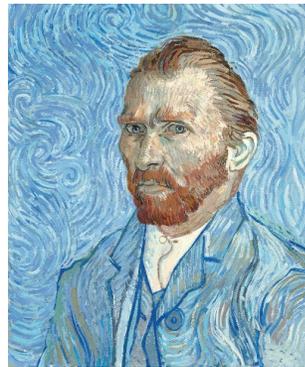
**Section B**

Experimental mark making- anything can be a mark and you can use different things to make a mark coffee, charcoal , food colouring- try new things out!



**Section C Artists**

Van Gogh uses lots of different marks in his work for expression and mood or sometimes just to show movement or what the weather is like.



Marks can add interest and excitement to your work.

**KEY TERMS AND VOCABULARY**

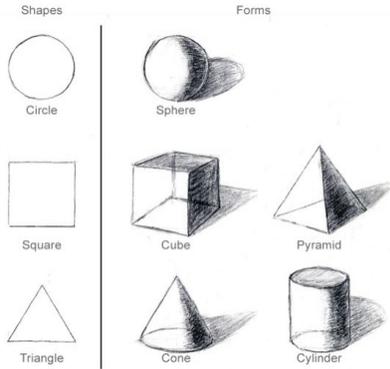
- **Formal Elements**- the basic ingredients included in art work – these are : LINE, TONE, TEXTURE, SHAPE, FORM, COLOUR
- **Visual language**- how the formal elements are used to show or express meaning, mood, emotion within the artwork
- **Expressive**- using the formal element to show a mood or emotion by the way the marks are shown and the action of doing them.
- **Media**- plural term that describes lots of different types of art equipment.
- **Medium** – the specific type eg. Paint , pastel etc
- **Pen and wash** -draw in pen then apply water to some areas to show the tone
- **Scale**- the size of an object in relation to another
- **Contour lines** are lines that wrap around the surface of your object to show its 3d structure
- **Mark Making**- Mark making describes the different lines, dots, marks, patterns, and textures we create in an artwork

Some marks have special names:

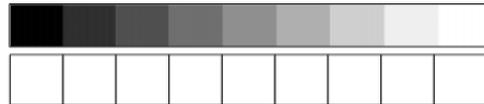
- Dashes
- Dots for stippling
- Smudges
- Scumbling
- Hatching
- Cross hatching
- Contour

**SECTION D: 3d FORM**

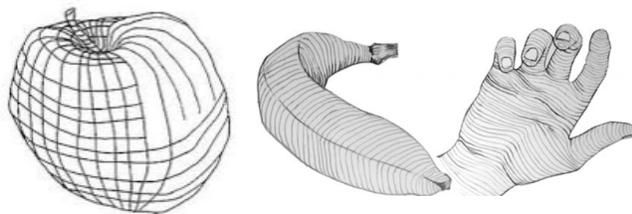
For a 3d object to look 3d on a page we need to marks that show light and dark tone.



Shading can be smooth blended shading or other techniques like stippling. But which ever type of shading used it must show a range of TONES



Tonal Bar- showing different tones you can use in your drawing



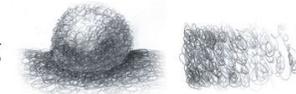
Contour lines- that follow the shape of an object can help your work look 3d

Types of marks that can be used for tonal shading or building up texture

Stippling



Scumbling



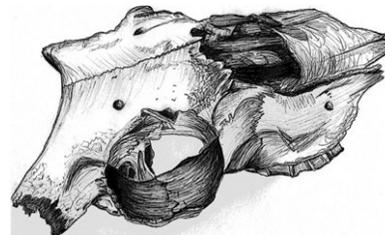
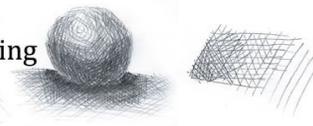
Shading



Smudging



Crosshatching



3d FORM: Shading applied to an object makes it look 3d Dark tones recede, light tones project towards us so make it look 3d

**SECTION E**

Textures- by building up different marks you can create realistic looking texture ( how something looks like it feels)

This is also called **Implied Texture**



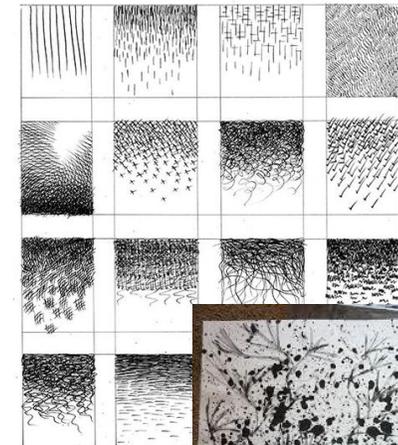
Texture can also be drawn that do not look like anything real these are called **Invented Textures**

**SECTION F**

Expressive marks can be used to show mood or emotion or express something that can not be drawn .

The action of how you make a mark or the type of line you do might change how people view your work.

E.g. paint might be sprayed on creating a disorganised random effect



**BOX 1: Colour**

When presenting your design ideas your choice of colours is very important. As a designer you need to understand how colours are created and how they work with each other so careful colour choices can be made.

**Primary Colours:** These are colours that cannot be created through the mixing of other colours. They are colours in their own right. The three primary colours can be seen below.

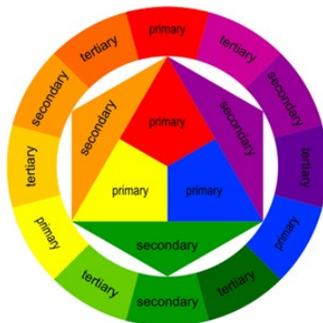
**RED – YELLOW – BLUE**

**Secondary Colours:** The three primary colours can be mixed together to create **SECONDARY** colours. The table below shows the colour combination needed to create the secondary colours.



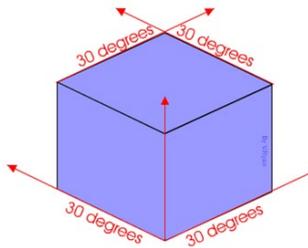
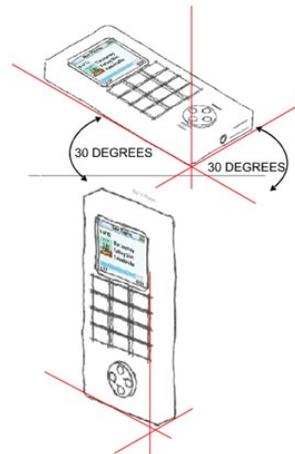
The colour wheel can be seen below. This can be used to help remember the PRIMARY and SECONDARY colours and which colours can be mixed to create TERTIARY colours.

|        |   |        |   |        |
|--------|---|--------|---|--------|
| YELLOW | + | BLUE   | = | GREEN  |
| BLUE   | + | RED    | = | PURPLE |
| RED    | + | YELLOW | = | ORANGE |

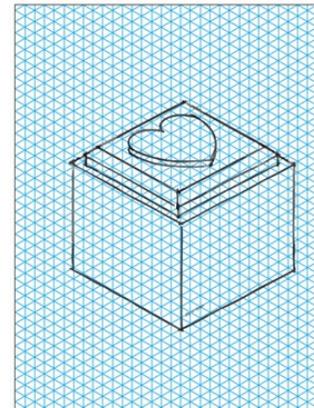


**BOX 2: Isometric Drawing**

Isometric drawing is way of presenting designs/drawings in three dimensions. In order for a design to appear three dimensional, a 30 degree angle is applied to its sides. The cube opposite, has been drawn in isometric projection.



- **FREE HAND SKETCHING IN ISOMETRIC:** Designs drawn in isometric projection are normally drawn precisely using drawing equipment. However, designers find 'free hand' sketching in isometric projection useful.
- The mobile phone / music player opposite, has been sketched in free hand isometric projection. It allows the designer to draw in 3D quickly and with a reasonable degree of accuracy. The design is still drawn at a 30 degree angle, although this is estimated, rather than drawn with graphics equipment.



- When drawing in isometric there are many different techniques you can use.
- If you feel confident with drawing in isometric use blank paper otherwise use isometric paper (seen opposite).
- This paper has 30 degree lines and vertical lines already printed on it (similar to graph paper). Drawings can drawn directly onto the isometric grid or plain paper can be placed on top of the grid. The grid lines can be seen through the paper and can be used as a guide when constructing drawings.

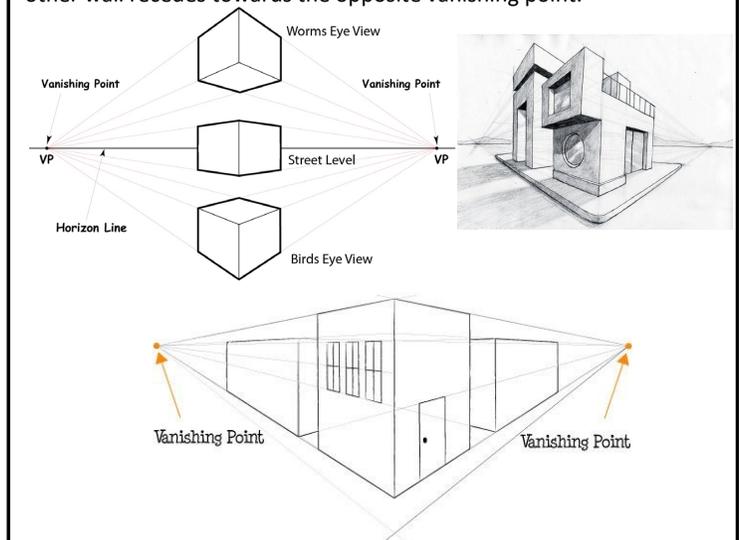
**BOX 3: One Point Perspective**

**Perspective** (from the Latin: *perspicere* "to see through") is an approximate representation, generally on a flat surface (such as paper), of an image as it is seen by the eye. The two most characteristic features of perspective are that objects appear smaller as their distance from the observer increases; and that they are subject to *foreshortening*, meaning that an object's dimensions along the line of sight appear shorter than its dimensions across the line of sight.

Perspective drawing is a good technique to use when drawing in 3D. There are different styles including single point and two point perspective.

**Two Point Perspective**

A drawing has two-point perspective when it contains two vanishing points on the horizon line. In an illustration, these vanishing points can be placed randomly along the horizon. Two-point perspective can be used to draw the same objects as one-point perspective, rotated: looking at the corner of a house, or at two forked roads shrinking into the distance, for example. One point represents one set of parallel lines, the other point represents the other. Seen from the corner, one wall of a house would recede towards one vanishing point while the other wall recedes towards the opposite vanishing point.



**BOX 4: Adhesives**

Adhesives, also known as glue, cement or paste, are any non-metallic substances applied to one or both surfaces of two separate items or materials that binds them together and resists their separation.

Adhesives may be found naturally or produced synthetically. The earliest human use of adhesive-like substances was approximately 200,000 years ago, when Neanderthals produced tar from the dry distillation of birch bark for use in binding stone tools to wooden handles.



**Super glue** (Cyanoacrylate) is another adhesive that join a wide range of materials together including plastics, very quickly. Great care must be taken when using this type of glue as it will just as easily glue fingers together.



**Hot glue** can be used to join a variety of materials. This glue usually gives a semi-permanent joint as surfaces glued together can sometimes come apart. The glue is a type of plastic that melts when hot and solidifies when it cools. Be careful to select that right type of glue stick - this depends on the material to be glued. General purpose glue sticks are usually used in schools.



**P.V.A. or Wood Glue** (Polyvinyl Acetate) Glues are very popular as they do not need preparation. These glues are supplied in a plastic container and can be used straight away. A good example of this is 'Evo-stik Woodworkers Adhesive'.

**BOX 5: Surface Finishes**

The main **surface finishes for Wood and Plastic** that are available include paints, wax and polishing. This can protect the wood and also add decoration.

**Surface finishes for wood**

**Sanding Sealer**

Used to SEAL the wood surface before applying a surface finish. Applied with brush and needs to be lightly sanded before applying final surface finish



**Paint**

Available in a wide range of colours. Applied with brush or spray can.



**Wax**

Applied with cloth and polished to a sheen. Wax Polish dries very quickly.



**Finish for Plastic**

**Polishing**

Once scratches have been removed from the edges of acrylic then a buffing wheel can be used to put the shine back onto the cut surfaces.



**BOX 6: Materials**

**Hardwoods**



Comes from deciduous trees

This is a broad-leaved tree which loses its leaves in the winter.

- Beech
- Oak
- Ash
- Teak

**Softwoods**



Comes from coniferous trees

This tree is an evergreen (green all year), needle-leaved, cone-bearing tree.

- Pine
- Spruce
- Cedar
- Fir

**Manufactured Boards**

Boards are available in many thicknesses

Boards are inexpensive so are often used instead of real woods



Manufactured boards are timber sheets which are produced by gluing wood layers or wood fibers together

Manufactured boards are often made using waste wood

Manufactured boards are often covered with a thin layer of real wood which is called veneer this improves their appearance or properties.

Manufactured boards have been developed mainly for industrial production as they can be made in very large sheets of consistent quality

**Medium Density Fibre board (MDF)**

This board is composed of fine wood dust and resin pressed into a board. This material can be worked, shaped and machined easily.



**Plywood**

Plywood is a material manufactured from thin layers or "plies" of wood veneer that are glued together with adjacent layers having their wood grain rotated at 90 degrees to one another.



**BOX 7: Joining methods**

Joints can either be **Temporary** or **Permanent** depending on the type of joint and if glue is used.

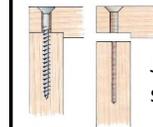
*Permanent:*

*Temporary:*

When we do not want to take the pieces apart again for example glues, welding & rivets.

When we will, or might need to take pieces apart again for example Screws, nuts/bolts & nails.

**Temporary fixings**

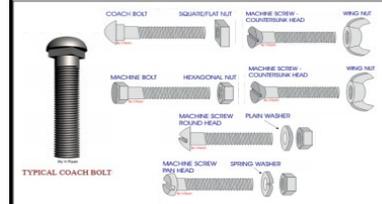


Joint with wood screws

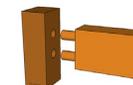


Nailed Joint

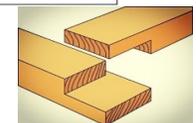
**NUTS AND BOLTS**



**Permanent fixings**



Dowel Joint



Corner Halving Joint



Joint with wood glue or PVA

| Performing Arts - DRAMA  |  | Essentials   | CYCLE 1 | Year 8  |
|--|--|--|---------|---|
| <b>Box A – Drama Skills</b>  |  | <b>Box B – Tier Three Words</b>  |         | <b>Box C – Vocal skills</b>   |
| <p><b>Body Language</b> – Using your body to communicate your character. E.g. an old man would have hunched body language.</p> <p><b>Facial Expressions</b> – Using your face to communicate your characters emotions.</p> <p><b>Voice</b> – altering the tone, pitch, and pace of your voice to fit your character.</p> <p><b>Levels</b> – How high or low your character is to the ground. Can be used to communicate status, class or power.</p> <p><b>Proxemics</b> – How close or far away you stand to other characters on stage based on your relationship.</p> <p><b>Posture</b> – How you stand during your performance to represent your character</p> <p><b>Gestures</b> – using body parts to communicate non-verbally. E.g waving, thumbs up, shaking head.</p> |  | <p><b>Stimulus</b><br/>a starting point</p> <p><b>Actor</b><br/>a person who takes on a character or role</p> <p><b>Director</b><br/>leads the theatre makers in achieving the artistic vision</p> <p><b>Devising</b><br/>creating a performance from a stimulus</p> <p><b>Artistic Vision</b><br/>how a performance is visualised. It can be described as the ‘image’ of the performance.</p> |         | <ul style="list-style-type: none"> <li>• PITCH</li> <li>• PACE</li> <li>• PAUSE</li> <li>• ACCENT/ DIALECT</li> <li>• TONE</li> <li>• VOLUME</li> </ul>   |
| <b>Box D – Rehearsal Techniques</b>  |  | <b>Box E – Devising and Stimulus</b>   |         | <b>Box F - Characterisation</b>   |
| <p><b>Conscience Alleyway</b><br/>The group takes on 2 contrasting viewpoints to provide a tunnel or circle of thoughts to explore a dilemma or circumstance.</p> <p><b>Improvisation</b><br/>An actor invents and creates content on the spot based on a given stimulus.</p> <p><b>Thought Track</b><br/>A character tracks their thoughts, verbalising them in soliloquy form to the audience.</p> <p><b>Cross Cutting/ Split Scene</b><br/>Two scenes are performed with a specific link such as same time but different location.</p>  |  | <p><b>What is Devising?</b><br/>Have you carried out sufficient research? Is your devised piece predictable? What genre is your piece of theatre? What are your intentions for your audience? What are your intentions for your character? Devising means to create.</p> <p><b>Stimulus</b><br/>A text, object, image, poem, song or newspaper article to inspire a piece of drama.</p>        |         | <p>There are several rehearsal techniques to explore and cement a character.</p> <p><b>Hot Seating</b>– asking specific questions to a person who is in role and sustains their character whilst answering.</p> <p><b>Role on The Wall</b> – Creating a detail role on the wall for your character allows you to create a background story for your character giving you a greater understanding.</p> <p><b>Uta Hagan’s Given Circumstances</b> – Detailed responses to questions regarding several aspects of your character. For example: WHAT SURROUNDS ME? (Animate and inanimate objects-complete details of environment) WHAT ARE THE GIVEN CIRCUMSTANCES? (Past, present, future and all of the events).</p> |

**BOX A: HOW TO READ CHORD CHARTS**

**BOX C: HOW TO CONSTRUCT A CHORD**

**BOX B: POP SONG STRUCTURE**

**INTRODUCTION** – At the start, a short section to introduce the piece.  
**VERSE** – A section that usually tells the story of the song, the harmony is repeated but the lyrics are different.  
**CHORUS** – A section which is repeated several times with the same lyrics and harmony.  
**BRIDGE** – A section that is different to the other sections, usually comes before the final chorus.  
**OUTRO** – The final section of the song.



**BOX D: KEY WORDS**

**RIFF** – A repeated rhythm or melody that hooks the listener into the song.  
**TEXTURE** – How the instruments are layered.  
**TONALITY** – The character of the piece, related to the key.  
**HARMONY** – When two or more notes are played at the same time, forming chords in a piece of music.  
**ACCURATE** – Performing the music correctly.  
**FLUENT** – Being able to perform confidently and independently.  
**CONFIDENT** - When performers know what they are performing and know they will get it right.  
**LYRICS** – The words to a song.

## BOX 1: Understanding how code works

All HTML webpage code has to start with `<html>`. You are creating a starting point for your webpage.

`body` refers to how you are going to edit the body of webpage.

Remember, every time you open a tag (for example `<style>`) you have to close it when you've finished adding code to that section. So here, we have finished editing the style of the webpage so the code used is `</style>`

`<h1>` `<h2>` `<h3>`  
> etc allows you to add different styles of headings.

`<p>` allows you to insert paragraphs into your text.

```

My Favourite hero - Notepad
File Edit Format View Help
<html>

<title>Marvel heroes</title>


<style>
body {
background-color: red;
}
h1 {
color: dark-blue;
}
h2 {
color: dark-blue;
}
h3 {
color: yellow;
}
</style>

<body>

<h1 style="font-family:Arial" > welcome to a website about my favourite superhero </h1>
<h2 style="font-family:Courier new"> My favourite superhero is Batman </h2>
<h3 style="font-family:Courier new"> He is cool </h3>
<h4 style="font-family:Courier new"> Hello Year 9</h4>

<p> Batman is a fictional superhero appearing in American comic books published by DC Comics. The character was crea

<a href="http://batman.com/">The batman website </a>
</body>
</html>

```

The `<title>` refers to the title of the actual webpage. So on the tab of the window, it will say 'Mr Patel's amazing website'.

The `<style>` tag refers to the style your webpage is going to be.

The `background-colour` section allows you to choose the colour of the background. `h1,h2,h3` etc allow you to include different colours to your headings. So every time you put `h1,h2` it'll create a new heading.

`<body>` allows you to insert information into the body of the webpage.

The section where it says `style="font-family:verdana"` allows you to insert a particular type of font for that section of the website. For example, here `h1` will have the font `verdana`.

`<img src = "batman.jpg....."` allows you to insert an image that is saved within your computer.

`alt= "image of batman"` allows you to give a title to the image. So I have called mine image of batman.

`Width:800px; height:600px>` allows me to determine the size of the image I want.

`<a href=.....>` allows you to insert a website link into your page. You can also change what the link says.

`</body>` means we have now finish inserting text into the body of the webpage. `</html>` means we have now finished editing the webpage all together.

**Knowledge Navigator - Make sure you understand how the code works.**

**BOX 2:**  
**Practice task**

Practice your revision below. Make sure you learn the meaning of all the key tags below.

Remember that HTML stands for HyperText Markup Language and it is mainly used for making websites.

```
<html>
```

```
<style>
```

```
<h1> <h2> <h3
```

```
<p>
```

```
<title>
```

```
background-colour
```

```
<a href=.....>
```

```
<img src = "batman.jpg
```

```
alt= "image of batman"
```

```
Width:800px; height:600px>
```





| WEEK 1   | WEEK 2   | WEEK 3  | WEEK 4   | WEEK 5  |
|--|--|---|--|---|
| <ol style="list-style-type: none"> <li>believe</li> <li>disappear</li> <li>interesting</li> <li>sieve</li> <li>bibliography</li> <li>commemorate</li> <li>feasible</li> <li>output</li> <li>tourist</li> <li>vertical</li> </ol> | <ol style="list-style-type: none"> <li>beneath</li> <li>disappoint</li> <li>interrupt</li> <li>design</li> <li>series</li> <li>commission</li> <li>February</li> <li>cursor</li> <li>globalisation</li> <li>amount</li> </ol>                | <ol style="list-style-type: none"> <li>buried</li> <li>embarrass</li> <li>issue</li> <li>simmering</li> <li>book</li> <li>committee</li> <li>foreign</li> <li>password</li> <li>tourism</li> <li>minus</li> </ol>                   | <ol style="list-style-type: none"> <li>business</li> <li>energy</li> <li>jealous</li> <li>dairy</li> <li>system</li> <li>compatible</li> <li>humorous</li> <li>delete</li> <li>habitat</li> <li>volume</li> </ol>                        | <ol style="list-style-type: none"> <li>caught</li> <li>engagement</li> <li>knowledge</li> <li>vitamins</li> <li>catalogue</li> <li>comparative</li> <li>irreparable</li> <li>preview</li> <li>transport</li> <li>approximately</li> </ol> |
| WEEK 6   | WEEK 7   | WEEK 8  | WEEK 9   | WEEK 10   |
| <ol style="list-style-type: none"> <li>chocolate</li> <li>enquire</li> <li>listening</li> <li>diet</li> <li>thesaurus</li> <li>connoisseur</li> <li>livelihood</li> <li>digital</li> <li>human</li> <li>multiply</li> </ol>      | <ol style="list-style-type: none"> <li>climb</li> <li>environment</li> <li>lonely</li> <li>water</li> <li>chapter</li> <li>corroborate</li> <li>maintenance</li> <li>processor</li> <li>transportation</li> <li>weight</li> </ol>            | <ol style="list-style-type: none"> <li>column</li> <li>evaluation</li> <li>lovely</li> <li>evaluation</li> <li>classification</li> <li>courteous</li> <li>strategy</li> <li>program</li> <li>igneous</li> <li>average</li> </ol>    | <ol style="list-style-type: none"> <li>concentration</li> <li>evidence</li> <li>marriage</li> <li>weight</li> <li>content</li> <li>accommodate</li> <li>stratagem</li> <li>documents</li> <li>tsunami</li> <li>multiplication</li> </ol> | <ol style="list-style-type: none"> <li>material</li> <li>potential</li> <li>sincerely</li> <li>fats</li> <li>copyright</li> <li>assassin</li> <li>truly</li> <li>programming</li> <li>industry</li> <li>axis</li> </ol>                   |
| WEEK 11  | WEEK 12  | WEEK 13   |  |   |
| <ol style="list-style-type: none"> <li>honorary</li> <li>illiterate</li> <li>indispensable</li> <li>weighing</li> <li>dedication</li> <li>acknowledge</li> <li>twelfth</li> <li>graphic</li> <li>urban</li> <li>axes</li> </ol>  | <ol style="list-style-type: none"> <li>humorous</li> <li>immigrant</li> <li>irrelevant</li> <li>fermentation</li> <li>dictionary</li> <li>accidental</li> <li>withhold</li> <li>scanner</li> <li>infrastructure</li> <li>negative</li> </ol> | <ol style="list-style-type: none"> <li>hypocrisy</li> <li>incidentally</li> <li>irreparable</li> <li>whisking</li> <li>editor</li> <li>knowledge</li> <li>valuable</li> <li>hardware</li> <li>volcano</li> <li>calculate</li> </ol> |  |   |

**CYCLE 1  
SPELLINGS  
YEAR 8**



| WEEK 1  | WEEK 2  | WEEK 3  | WEEK 4 | WEEK 5  |
|---------|---------|---------|--------|---------|
| 1.      | 1.      | 1.      | 1.     | 1.      |
| 2.      | 2.      | 2.      | 2.     | 2.      |
| 3.      | 3.      | 3.      | 3.     | 3.      |
| 4.      | 4.      | 4.      | 4.     | 4.      |
| 5.      | 5.      | 5.      | 5.     | 5.      |
| 6.      | 6.      | 6.      | 6.     | 6.      |
| 7.      | 7.      | 7.      | 7.     | 7.      |
| 8.      | 8.      | 8.      | 8.     | 8.      |
| 9.      | 9.      | 9.      | 9.     | 9.      |
| 10.     | 10.     | 10.     | 10.    | 10.     |
| WEEK 6  | WEEK 7  | WEEK 8  | WEEK 9 | WEEK 10 |
| 1.      | 1.      | 1.      | 1.     | 1.      |
| 2.      | 2.      | 2.      | 2.     | 2.      |
| 3.      | 3.      | 3.      | 3.     | 3.      |
| 4.      | 4.      | 4.      | 4.     | 4.      |
| 5.      | 5.      | 5.      | 5.     | 5.      |
| 6.      | 6.      | 6.      | 6.     | 6.      |
| 7.      | 7.      | 7.      | 7.     | 7.      |
| 8.      | 8.      | 8.      | 8.     | 8.      |
| 9.      | 9.      | 9.      | 9.     | 9.      |
| 10.     | 10.     | 10.     | 10.    | 10.     |
| WEEK 11 | WEEK 12 | WEEK 13 |        |         |
| 1.      | 1.      | 1.      |        |         |
| 2.      | 2.      | 2.      |        |         |
| 3.      | 3.      | 3.      |        |         |
| 4.      | 4.      | 4.      |        |         |
| 5.      | 5.      | 5.      |        |         |
| 6.      | 6.      | 6.      |        |         |
| 7.      | 7.      | 7.      |        |         |
| 8.      | 8.      | 8.      |        |         |
| 9.      | 9.      | 9.      |        |         |
| 10.     | 10.     | 10.     |        |         |

**CYCLE 1  
SPELLING TESTS  
YEAR 8**

