

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 Page 19 Week 2	12/09/22	French Page 19 Week 3	19/09/22	French Page 19 Week 4	26/09/22	French Page 19 Week 5
Tuesday	30/08/22	Year 7 only	06/09/22	Science Page 11 Box 5/6	13/09/22	Science Page 11 Box 1/2	20/09/22	Science Page 11 Box 3/4	27/09/22	Science Page 10 Box 4/5
Wednesday	31/08/22	All students	07/09/22	History Page 23 Box A Sparx Maths	14/09/22	Geography Page 21 Box 1 Sparx Maths	21/09/22	History Page 23 Box B Sparx Maths	28/09/22	Geography Page 21 Box 2 Sparx Maths
Thursday	01/09/22	All students	08/09/22	English Page 2 Box A	15/09/22	English Page 2 Box B	22/09/22	English Page 2 Box C	29/09/22	English 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 Page 19 Week 6	10/10/22	French Page 19 Week 7	17/10/22	French Page 20 Week 8	07/11/22	French Page 20 Week 9	14/11/22	French Page 20 Week 10
Tuesday	04/10/22	Science Page 10 Box 1/2/3	11/10/22	Science Page 11 Box 3/4	18/10/22	Science Page 8 Box 1/3	08/11/22	Science Page 8 Box 2/3	15/11/22	Science Page 8 Box 3/4
Wednesday	05/10/22	History Page 23 Box C Sparx Maths	12/10/22	Geography Page 21 Box 3 Sparx Maths	19/10/22	History Page 24 Box D Sparx Maths	09/11/22	Geography Page 22 Box 4 Sparx Maths	16/11/22	History Page 24 Box E Sparx Maths
Thursday	06/10/22	English Page 3 Box E	13/10/22	English Page 3 Box E	20/10/22	English Page 3 Box F	10/11/22	English 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 Page 20 Week 11	28/11/22	French Page 20 Week 12	05/12/22	French Page 20 Week 13				
Tuesday	22/11/22	Science Page 9 Box 1/2	29/11/22	Science Page 9 Box 3/4	06/12/22	Science Page 9 Box 5/6/7				
Wednesday	23/11/22	Geography Page 22 Box 5 Sparx Maths	30/11/22	History Page 24 Box A Sparx Maths	07/12/22	Geography Page 22 Box 6 Sparx Maths				
Thursday	24/11/22	English Page 2 Box B	01/12/22	English Page 2 Box C	08/12/22	English 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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English		INEQUALITY AND PREJUDICE – Of Mice And Men And Poetry	CYCLE 1	Year 8
BOX A: Key Characters			BOX B: Themes and Context	
George	frustrated, devoted, a dreamer		Steinbeck encourages us to empathise with the plight of migrant workers during the Great Depression .	
Lennie	childlike, unassuming, physically powerful		The American Dream is shown to be impossible: reality defeats idealism .	
Candy	unloved, an outcast, aging		The novella explores the human need for companionship and the tragedy of loneliness .	
Curley	insecure, unmerciful, jealous		Steinbeck reveals the predatory nature of mankind : the powerless are targeted by the powerful .	
Curley’s Wife	a seductive temptress, objectified, lonely, nameless		Steinbeck explores the tension between the inevitability of fate and the fragility of human dreams .	
Crooks	cynical, proud, isolated		The prejudices of 1930s America are exposed, including racism , sexism and ageism .	
Slim	compassionate, wise, respected		The novella is an indictment of the way society treats the dispossessed .	
Carlson	heartless, insensitive			
BOX C: Key Quotations				
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...” – George “I got you to look after me, and you got me to look after you, and that’s why.” – Lennie			
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.” – Slim			
3	“We wouldn’t ask nobody if we could. Jus’ say, ‘We’ll go to her,’ an’ we would. – George "I ought to of shot that dog myself, George. I shouldn't of ought to let no stranger shoot my dog“ – Candy			
4	"Books ain't no good, a guy needs somebody“ – Crooks “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.” – Crooks			
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.’ – Narrator about Curley’s wife			
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.’ – Narrator showing George and Lennie’s paradise is lost			

English			INEQUALITY AND PREJUDICE – Of Mice And Men And Poetry		CYCLE 1	Year 8		
Box D: Tier 2 Vocabulary					Box E: Key Dates			
Prejudice	Preconceived opinion that is not based on reason or actual experience.				1600-1800s	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).		
Derogatory	Showing a critical or disrespectful attitude.							
Pugnacious	Eager or quick to argue, quarrel, or fight.							
Isolation	The process or fact of isolating or being isolated.							
Segregate	Set apart from the rest or from each other; isolate or divide along racial, sexual, or religious lines.							
Microcosm	A community, place, or situation regarded as encapsulating in miniature the characteristics of something much larger.				1860	Abraham Lincoln Elected		
Tension	Mental or emotional strain				1861	The American Civil War		
Solitude	The state or situation of being alone.				1865	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.		
Anguish	Severe mental or physical pain or suffering.							
Naive	(Of a person or action) showing a lack of experience, wisdom, or judgement.							
Box F: Links to Poetry							1865	Slavery abolished/Jim Crow Laws/Formation of the Ku Klux Clan secret society
'To a Mouse'	Robert Burns	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 <i>'The best laid schemes o' Mice an' Men Go often askew,'</i> was the inspiration for the title of Steinbeck's novella. <i>'Small, crafty, cowering, timorous little beast, Oh, what a panic is in your breast!'</i>				1880s	Big cities in the South were not wholly beholden to Jim Crow laws and Black Americans found more freedom in them.
'Strange Fruit'	Abel Meeropol	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. <i>'Black body swinging in the southern breeze, strange fruit hanging from the poplar trees.'</i>		1902	Steinbeck born in Salinas, California.		
'Burning a book'	William Stafford	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'. <i>'ignorance can dance in the absence of fire.'</i>		1929	The start of the Great Depression. Wall Street Crash – 29 October.		
					1930s	The Dustbowl which led to migrant workers leaving the southern states of America.		
					1937	Of Mice and Men – Published		

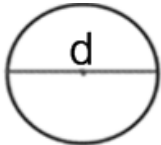
Maths		Cycle 1	Year 8		
<div>BOX 1: Key facts</div> <div><div>Symbols</div><div>= means equal to</div><div>≠ means not equal to</div><div>≡ means identical to</div><div>≤ means less than or equal to</div><div>< means less than</div><div>≥ means more than or equal to</div><div>> means more than</div><div>√ means square root</div></div>		<div>Metric conversions</div> <div>mm is short for millimeters</div> <div>cm is short for centimetres</div> <div>m is short for metres</div> <div>km is short for kilometres</div> <div>ml is short for millilitres</div> <div>cl is short for centilitres</div> <div>l is short for litres</div> <div>mg is short for milligrams</div> <div>g is short for grams</div> <div>kg is short for kilograms</div> <div>t is short for tonne</div>	<div>Probability</div> <div>The probability of an event being certain is 1</div> <div>The probability of an event being impossible is 0</div> <div>The probability of an event having an even chance of happening is 0.5</div> <div>There are 6 sides on a normal dice.</div> <div>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</div>		
<div>ONE</div> <div>1 x 1 = 1</div> <div>1 x 2 = 2</div> <div>1 x 3 = 3</div> <div>1 x 4 = 4</div> <div>1 x 5 = 5</div> <div>1 x 6 = 6</div> <div>1 x 7 = 7</div> <div>1 x 8 = 8</div> <div>1 x 9 = 9</div> <div>1 x 10 = 10</div> <div>1 x 11 = 11</div> <div>1 x 12 = 12</div>	<div>TWO</div> <div>2 x 1 = 2</div> <div>2 x 2 = 4</div> <div>2 x 3 = 6</div> <div>2 x 4 = 8</div> <div>2 x 5 = 10</div> <div>2 x 6 = 12</div> <div>2 x 7 = 14</div> <div>2 x 8 = 16</div> <div>2 x 9 = 18</div> <div>2 x 10 = 20</div> <div>2 x 11 = 22</div> <div>2 x 12 = 24</div>	<div>THREE</div> <div>3 x 1 = 3</div> <div>3 x 2 = 6</div> <div>3 x 3 = 9</div> <div>3 x 4 = 12</div> <div>3 x 5 = 15</div> <div>3 x 6 = 18</div> <div>3 x 7 = 21</div> <div>3 x 8 = 24</div> <div>3 x 9 = 27</div> <div>3 x 10 = 30</div> <div>3 x 11 = 33</div> <div>3 x 12 = 36</div>	<div>FOUR</div> <div>4 x 1 = 4</div> <div>4 x 2 = 8</div> <div>4 x 3 = 12</div> <div>4 x 4 = 16</div> <div>4 x 5 = 20</div> <div>4 x 6 = 24</div> <div>4 x 7 = 28</div> <div>4 x 8 = 32</div> <div>4 x 9 = 36</div> <div>4 x 10 = 40</div> <div>4 x 11 = 44</div> <div>4 x 12 = 48</div>	<div>FIVE</div> <div>5 x 1 = 5</div> <div>5 x 2 = 10</div> <div>5 x 3 = 15</div> <div>5 x 4 = 20</div> <div>5 x 5 = 25</div> <div>5 x 6 = 30</div> <div>5 x 7 = 35</div> <div>5 x 8 = 40</div> <div>5 x 9 = 45</div> <div>5 x 10 = 50</div> <div>5 x 11 = 55</div> <div>5 x 12 = 60</div>	<div>SIX</div> <div>6 x 1 = 6</div> <div>6 x 2 = 12</div> <div>6 x 3 = 18</div> <div>6 x 4 = 24</div> <div>6 x 5 = 30</div> <div>6 x 6 = 36</div> <div>6 x 7 = 42</div> <div>6 x 8 = 48</div> <div>6 x 9 = 54</div> <div>6 x 10 = 60</div> <div>6 x 11 = 66</div> <div>6 x 12 = 72</div>
<div>SEVEN</div> <div>7 x 1 = 7</div> <div>7 x 2 = 14</div> <div>7 x 3 = 21</div> <div>7 x 4 = 28</div> <div>7 x 5 = 35</div> <div>7 x 6 = 42</div> <div>7 x 7 = 49</div> <div>7 x 8 = 56</div> <div>7 x 9 = 63</div> <div>7 x 10 = 70</div> <div>7 x 11 = 77</div> <div>7 x 12 = 84</div>	<div>EIGHT</div> <div>8 x 1 = 8</div> <div>8 x 2 = 16</div> <div>8 x 3 = 24</div> <div>8 x 4 = 32</div> <div>8 x 5 = 40</div> <div>8 x 6 = 48</div> <div>8 x 7 = 56</div> <div>8 x 8 = 64</div> <div>8 x 9 = 72</div> <div>8 x 10 = 80</div> <div>8 x 11 = 88</div> <div>8 x 12 = 96</div>	<div>NINE</div> <div>9 x 1 = 9</div> <div>9 x 2 = 18</div> <div>9 x 3 = 27</div> <div>9 x 4 = 36</div> <div>9 x 5 = 45</div> <div>9 x 6 = 54</div> <div>9 x 7 = 63</div> <div>9 x 8 = 72</div> <div>9 x 9 = 81</div> <div>9 x 10 = 90</div> <div>9 x 11 = 99</div> <div>9 x 12 = 108</div>	<div>TEN</div> <div>10 x 1 = 10</div> <div>10 x 2 = 20</div> <div>10 x 3 = 30</div> <div>10 x 4 = 40</div> <div>10 x 5 = 50</div> <div>10 x 6 = 60</div> <div>10 x 7 = 70</div> <div>10 x 8 = 80</div> <div>10 x 9 = 90</div> <div>10 x 10 = 100</div> <div>10 x 11 = 110</div> <div>10 x 12 = 120</div>	<div>ELEVEN</div> <div>11 x 1 = 11</div> <div>11 x 2 = 22</div> <div>11 x 3 = 33</div> <div>11 x 4 = 44</div> <div>11 x 5 = 55</div> <div>11 x 6 = 66</div> <div>11 x 7 = 77</div> <div>11 x 8 = 88</div> <div>11 x 9 = 99</div> <div>11 x 10 = 110</div> <div>11 x 11 = 121</div> <div>11 x 12 = 132</div>	<div>TWELVE</div> <div>12 x 1 = 12</div> <div>12 x 2 = 24</div> <div>12 x 3 = 36</div> <div>12 x 4 = 48</div> <div>12 x 5 = 60</div> <div>12 x 6 = 72</div> <div>12 x 7 = 84</div> <div>12 x 8 = 96</div> <div>12 x 9 = 108</div> <div>12 x 10 = 120</div> <div>12 x 11 = 132</div> <div>12 x 12 = 144</div>
		<div>Mili means one thousandth</div> <div>Centi means one hundred or one hundredth</div> <div>Kilo means one thousand</div> <div>There are 10mm in 1cm</div> <div>There are 100cm in 1m</div> <div>There are 1000mm in 1m</div> <div>There are 1000m in 1km</div> <div>There are 10ml in 1cl</div> <div>There are 100cl in 1l</div> <div>There are 1000ml in 1l</div> <div>There are 1000 litres in 1 cubic metre</div> <div>There are 10mg in 1cg</div> <div>There are 100cg in 1g</div> <div>There are 1000mg in 1g</div> <div>There are 1000g in 1kg</div> <div>There are 1000kgs in 1 tonne</div>	<div>Drawing facts</div> <div>Diagrams and graphs should always be drawn with a pencil and ruler</div> <div>NOT TO SCALE means the diagram has not been drawn accurately and so you can't make assumptions about lengths and angles</div> <div>A protractor is used to measure angles. A compass is used to construct arcs and circles</div>	<div>Data</div> <div>The range of a set of numbers is the difference between the highest and lowest numbers</div> <div>The mode of a set of numbers is the number that appears the most</div> <div>The median of a set of numbers is the middle number when the data is in order</div> <div>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</div> <div>Correlation describes the relationship between two sets of data</div>	

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

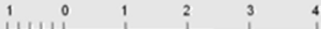
BOX 3: Multiplicative change

SCALE

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

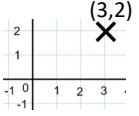
Fraction	Represents the division of one integer by another. <i>E.g. $\frac{2}{3} = 2 \div 3$</i>
Unit Fraction	A fraction where the numerator is 1 . <i>E.g. $\frac{1}{6}$</i>
Improper Fraction	A fraction when the numerator is greater than the denominator . <i>E.g. $\frac{5}{3}$</i>
Reciprocal	The reciprocal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

FRACTIONS: OPERATIONS

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

BOX 5: Working in the Cartesian plane

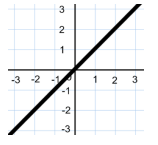
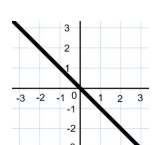
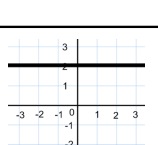
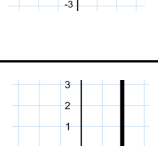
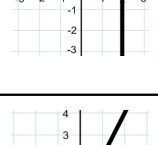
COORDINATES

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

Links to: DIRECT PROPORTION

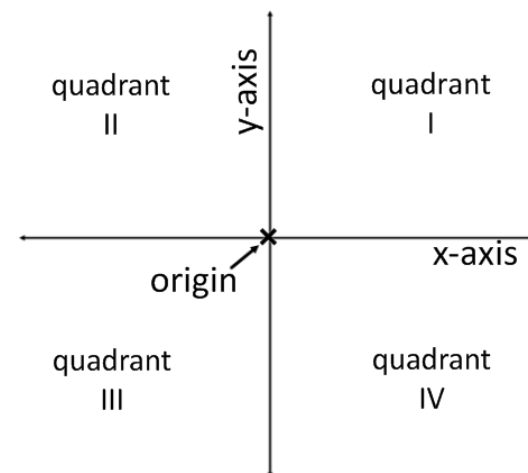
Direct Proportion	If two quantities are in direct proportion, as one increases, the other increases at the same rate If y is directly proportional to x, this can be written as $y \propto x$
$y = kx$	An equation of the form $y=kx$ represents direct proportion, where k is the constant of proportionality .

LINEAR GRAPHS

$y = x$	Every point on this line, the y coordinate is equal to the x coordinate. e.g. (3,3), (-2,-2), (0,0) 
$y = -x$	Every point on this line, the y coordinate is equal to the negative of the x coordinate e.g. (3, -3), (-2,2) 
$y = a$	These lines are always horizontal . For example $y = 2$ Every point on this graph, the y coordinate equals 2 e.g. (0,2), (5,2) 
$x = a$	These lines are always vertical . For example $x = 2$ Every point on this graph, the x coordinate equals 2 e.g. (2,0), (2,5) 
$y = kx$	These lines always go through the origin . For example $y = 2x$ 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 m is the gradient and c is the y-intercept .
Gradient	How steep a line is. Can be positive or negative. (Change in y) (Change in x) It gives the rate of change .
y- intercept	Where the line crosses the y-axis



Links to: SEQUENCES

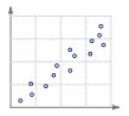
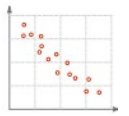
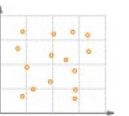
Linear Sequence	A sequence where the difference between terms is the same each time, can be increasing or decreasing. Also known as a Arithmetic Sequence. Algebraically: $x_n = an + b$
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BOX 6: Collecting and representing data

TYPES OF DATA

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

DISPLAYING BIVARIATE DATA

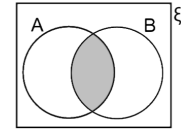
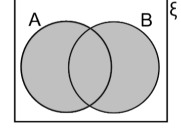
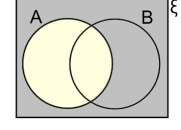
Bivariate data	Data containing two variables	
Variable	Something that can change or vary .	
Scatter graph	A graph to show bivariate data	
Correlation	When there is a relationship between two sets of data, but we don't know if one caused the other	
Causation	When the independent variable causes the dependent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

BOX 7: Tables and probability

PROBABILITY NOTATION

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

VENN DIAGRAMS

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

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.

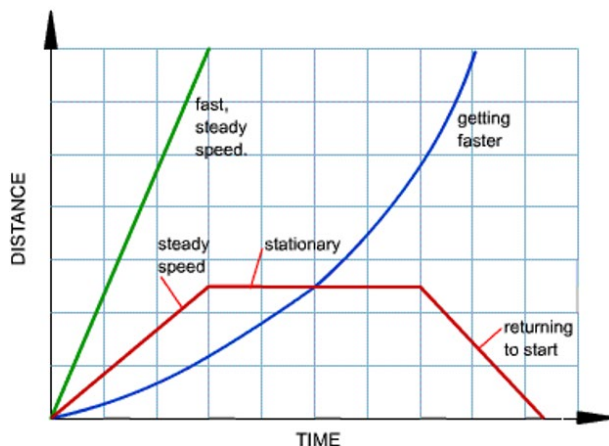
On a distance-time graph a straight line shows constant speed, whereas, a curving line shows acceleration.

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.

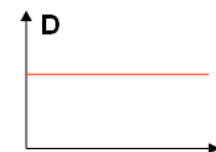
Tension: Force extending or pulling apart.

Compression: Force squashing or pushing together.

3. Motion graphs

Stopped

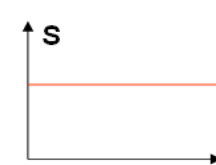
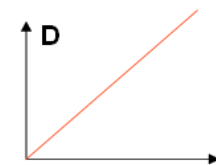
Distance/time



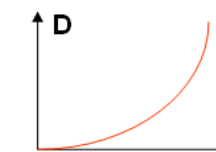
Speed/time



Constant speed



Constant acceleration



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.



Science	Health and Disease	CYCLE 1	Year 8
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1. Microbes		
<u>Microbes</u>	<u>Uses</u>	<u>Dangers</u>
Bacteria	Used in the production of milk and cheese	Food poisoning, common cold, cholera, tuberculosis
Fungus	Yeast used in bread and alcohol production	Athlete's foot
Virus	Currently no positive uses	HIV/AIDS, chicken pox, meningitis, influenza ('flu)
2. Natural defences		
<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	
3. Vaccination		
Dead or a weakened version of a disease used to provide immunity to a particular disease.		
<ol style="list-style-type: none">1. A disease is weakened or killed2. This is then injected into the patient3. White blood cells produce different antibodies to attack the disease4. Eventually the correct shaped antibody is produced5. The body can now produce the right antibodies to fight the disease6. Certain white blood cells remain in the blood to produce the correct antibodies quicker if re-infected with the same pathogen.		

4. Antibiotics

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.

5. Smoking

Cigarettes contain several dangerous, three of the most dangerous are:

Nicotine – is the addictive chemical in cigarettes that affects the brain.

Tar – is a carcinogenic (cancer causing) chemical. It can also coat the airways and alveoli, making gaseous exchange difficult.

Carbon monoxide – 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.

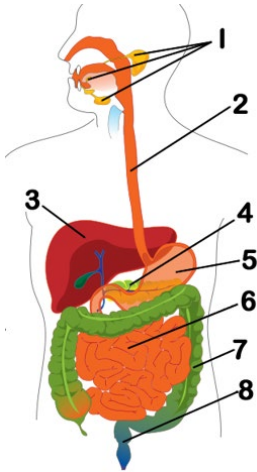
6. Alcohol

<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

7. Drugs

<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)
<p>Effects of depressants:</p> <p>Slowed thinking/ reactions, slowed muscular activity.</p> <p>Long term damage to liver, brain, kidney</p>	<p>Effects of stimulants:</p> <p>More energetic, difficulty sleeping, memory loss, damage liver and brain</p>	<p>Effects of hallucinogens:</p> <p>hallucinations, can cause increased heart rate, high blood pressure and dilated pupils</p>

Science		Metals and reactivity			CYCLE 1	YEAR 8
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						
Copper						
Silver						
Gold						Very unreactive
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 → Calcium sulphate + Magnesium e.g. Aluminium nitrate + Potassium → 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 → Metal hydroxide + hydrogen Sodium + water → sodium hydroxide + hydrogen Magnesium + water → magnesium hydroxide + hydrogen						
Metal + acid → Salt + hydrogen Sodium + hydrochloric acid → sodium chloride + hydrogen Sodium + sulphuric acid → sodium sulphate + hydrogen						
Metal oxide + acid → Salt + water Sodium oxide + hydrochloric acid → sodium chloride + water Potassium oxide + sulphuric acid → potassium sulphate + water						
Metal carbonate + acid → Salt + water + carbon dioxide Calcium carbonate + hydrochloric acid → calcium chloride + water + carbon dioxide Sodium carbonate + hydrochloric acid → sodium chloride + water + carbon dioxide						

Science	The Body	CYCLE 1	YEAR 8																							
<div>1. Movement</div> <div>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.</div>	<div>4. Digestion</div> <div>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.</div> <div>5. Organs of the digestive system</div> <div><div><div>1. Mouth: mechanically breaks down food using the teeth and mixes with saliva to soften and add enzymes.</div><div>2. Oesophagus: after swallowing the food is squeezed along this muscular tube to the stomach.</div><div>3. Liver: produces bile to neutralise stomach acid and emulsify lipids.</div><div>4. Pancreas: produces several enzymes essential for digestion.</div><div>5. Stomach: a sac where food is mixed with acidic juices to start the digestion of protein and kill microorganisms.</div><div>6. Small intestine: Upper part of the intestine where digestion is completed & nutrients are absorbed by the blood.</div><div>7. Large intestine: Lower part of the intestine from which water is absorbed & where faeces are formed.</div><div>8. Rectum: faeces (undigested waste) is stored here until it leaves the body through the anus.</div></div><div></div></div> <div>6. Nutrients in foods and their function</div> <table><tr><th>Nutrient group</th><th>Function</th><th>Examples of nutrient rich food</th></tr><tr><td>Carbohydrate</td><td>Used to provide energy</td><td>Bread, pasta, rice, potatoes</td></tr><tr><td>Protein</td><td>Used for growth and repair of cells</td><td>Fish, meat, eggs, dairy products</td></tr><tr><td>Lipids (fats)</td><td>Used to provide energy, store energy and insulate</td><td>Butter, oil, nuts</td></tr><tr><td>Vitamins</td><td>Needed in small amounts to maintain health</td><td>Fruit and vegetables, dairy products</td></tr><tr><td>Minerals</td><td>Needed in small amounts to maintain health</td><td>Salt, milk (calcium), liver (iron)</td></tr><tr><td>Fibre</td><td>Helps to keep food moving through the gut</td><td>Vegetables and bran</td></tr><tr><td>Water</td><td>Needed for cells and body fluids</td><td>Water, fruit juice, milk</td></tr></table>	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	
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<div>2. Breathing</div> <div>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.</div>																										
<div>3. Respiration</div> <div>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. Glucose + Oxygen → Carbon dioxide + Water + (Energy) 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.</div>																										

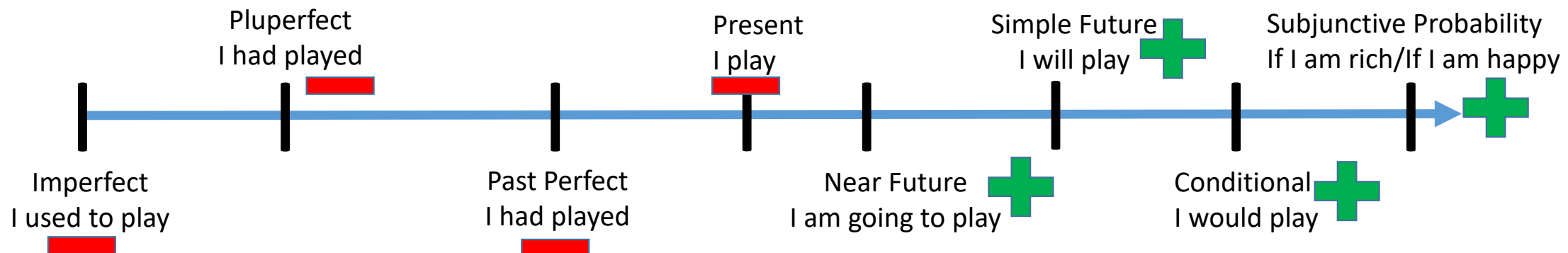
French			Key Information			CYCLE 1	All Years
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Les jours de la semaine	Les nombres en français				French SPAG marking		
lundi	0 zero	10 dix	20 vingt	30 trente			
mardi	1 un	11 onze	21 vingt-et-un	31 trente-et-un			
	2 deux	12 douze	22 vingt-deux	32 trente-deux			
mercredi	3 trois	13 treize	23 vingt-trois	33 trente-trois			
	4 quatre	14 quatorze	24 vingt-quatre	34 trente-quatre			
jeudi	5 cinq	15 quinze	25 vingt-cinq	35 trente-cinq			
	6 six	16 seize	26 vingt-six	36 trente-six			
vendredi	7 sept	17 dix-sept	27 vingt-sept	37 trente-sept			
	8 huit	18 dix-huit	28 vingt-huit	38 trente-huit			
samedi	9 neuf	19 dix-neuf	29 vingt-neuf	39 trente-neuf	sp	Spelling	
dimanche	40 quarante	50 cinquante	60 soixante	70 soixante-dix		art	
	41 quarante-et-un	51 cinquante-et-un	61 soixante-et-un	71 soixante-onze	vb	Article	
Les mois	42 quarante-deux	52 cinquante-deux	62 soixante-deux	72 soixante-douze		T	
	43 quarante-trois	53 cinquante-trois	63 soixante-trois	73 soixante-treize	Acc	Verb	
janvier	44 quarante-quatre	54 cinquante-quatre	64 soixante-quatre	74 soixante-quatorze		adj	
février	45 quarante-cinq	55 cinquante-cinq	65 soixante-cinq	75 soixante-quinze	C	Tense	
mars	46 quarante-six	56 cinquante-six	66 soixante-six	76 soixante-seize		ww	
	47 quarante-sept	57 cinquante-sept	67 soixante-sept	77 soixante-dix-sept	?	Adjective incorrect/agreement	
avril	48 quarante-huit	58 cinquante-huit	68 soixante-huit	78 soixante-dix-huit		Word re-order	
	49 quarante-neuf	59 cinquante-neuf	69 soixante-neuf	79 soixante-dix-neuf			
mai	80 quatre-vingt		90 quatre-vingt-dix				
	81 quatre-vingt-et-un		91 quatre-vingt-onze				
juin	82 quatre-vingt-et-deux		92 quatre-vingt-douze				
	83 quatre-vingt-et-trois		93 quatre-vingt-treize				
juillet	84 quatre-vingt-et-quatre		94 quatre-vingt-quatorze				
	85 quatre-vingt-et-cinq		95 quatre-vingt-quinze				
août	86 quatre-vingt-et-six		96 quatre-vingt-seize				
	87 quatre-vingt-et-sept		97 quatre-vingt-sept				
septmebre	88 quatre-vingt-et-huit		98 quatre-vingt-dix-huit				
	89 quatre-vingt-et-neuf		99 quatre-vingt-dix-neuf				
octobre	100 cent	600 six cents	105 cent cinq	1,001 mille et un	74,000	soixante-quatorze mille	
novembre	200 deux cents	700 sept cents	149 cent quarante-neuf	1,500 mille cinq cents	100,000	cent mille	
	300 trois cents	800 huit cents	181 cent quatre-vingt-un	1,766 sept cent soixante-six	1,000,000	un million	
décembre	400 quatre cents	900 neuf cents	501 cinq cent un	2,001 deux mille un	3,000,000	trois millions	
	500 cinq cents	1,000 mille	565 cinq cent soixante-cinq	40,000 quarante mille	1,000,000,000	un-millard	

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

French				Verbs				CYCLE 1				All Years											
Pluperfect			Past Imperfect			Past Perfect			Present Tense			Near Future			Simple Future			Conditional			Perfect Conditional		
INFINITIVE: porter = to wear (Regular er)																							
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	porter	ais	Tu	aurais	porté	
Il	avait	porté	Il	port	ait	Il	a	porté	Il	port e	Il	va	porter	Il	porter	a	Il	porter	ait	Il	aurait	porté	
Elle	avait	porté	Elle	port	ait	Elle	a	porté	Elle	port e	Elle	va	porter	Elle	porter	a	Elle	porter	ait	Elle	aurait	porté	
On	avait	porté	On	port	ait	On	a	porté	On	port e	On	va	porter	On	porter	a	On	porter	ait	On	aurait	porté	
Nous	avions	porté	Nous	port	ions	Nous	avons	porté	Nous	port ons	Nous	allons	porter	Nous	porter	ons	Nous	porter	ions	Nous	aurions	porté	
Vous	aviez	porté	Vous	port	iez	Vous	avez	porté	Vous	port ez	Vous	allez	porter	Vous	porter	ez	Vous	porter	iez	Vous	auriez	porté	
Ils	avaient	porté	Ils	port	aient	Ils	ont	porté	Ils	port ent	Ils	vont	porter	Ils	porter	ont	Ils	porter	aient	Ils	auraient	porté	
Elles	avaient	porté	Elles	port	aient	Elles	ont	porté	Elles	port ent	Elles	vont	porter	Elles	porter	ont	Elles	porter	aient	Elles	auraient	porté	
INFINITIVE: finir = to finish (ir)																							
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	finir	ais	Tu	aurais	fini	
Il	avait	fini	Il	port	ait	Il	a	fini	Il	fin it	Il	va	finir	Il	finir	a	Il	finir	ait	Il	aurait	fini	
Elle	avait	fini	Elle	finiss	ait	Elle	a	fini	Elle	fin it	Elle	va	finir	Elle	finir	a	Elle	finir	ait	Elle	aurait	fini	
On	avait	fini	On	finiss	ait	On	a	fini	On	fin it	On	va	finir	On	finir	a	On	finir	ait	On	aurait	fini	
Nous	avions	fini	Nous	finiss	ions	Nous	avons	fini	Nous	fin issons	Nous	allons	finir	Nous	finir	ons	Nous	finir	ions	Nous	aurions	fini	
Vous	aviez	fini	Vous	finiss	iez	Vous	avez	fini	Vous	fin issez	Vous	allez	finir	Vous	finir	ez	Vous	finir	iez	Vous	auriez	fini	
Ils	avaient	fini	Ils	finiss	aient	Ils	ont	fini	Ils	fin issent	Ils	vont	finir	Ils	finir	ont	Ils	finir	aient	Ils	auraient	fini	
Elles	avaient	Fini	Elles	finiss	aient	Elles	ont	fini	Elles	fin issent	Elles	vont	finir	Elles	finir	ont	Elles	finir	aient	Elles	auraient	fini	
INFINITIVE: attendre = to wait (re)																							
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	attendr	ais	Tu	aurais	attendu	
Il	avait	attendu	Il	attend	ait	Il	a	attendu	Il	attend _	Il	va	attendre	Il	attendr	a	Il	attendr	ait	Il	aurait	attendu	
Elle	avait	attendu	Elle	attend	ait	Elle	a	attendu	Elle	attend _	Elle	va	attendre	Elle	attendr	a	Elle	attendr	ait	Elle	aurait	attendu	
On	avait	attendu	On	attend	ait	On	a	attendu	On	attend _	On	va	attendre	On	attendr	a	On	attendr	ait	On	aurait	attendu	
Nous	avions	attendu	Nous	attend	ions	Nous	avons	attendu	Nous	attend ons	Nous	allons	attendre	Nous	attendr	ons	Nous	attendr	ions	Nous	aurions	attendu	
Vous	aviez	attendu	Vous	attend	iez	Vous	avez	attendu	Vous	attend ez	Vous	allez	attendre	Vous	attendr	ez	Vous	attendr	iez	Vous	auriez	attendu	
Ils	avaient	attendu	Ils	attend	aient	Ils	ont	attendu	Ils	attend ent	Ils	vont	attendre	Ils	attendr	ont	Ils	attendr	aient	Ils	auraient	attendu	
Elles	avaient	attendu	Elles	attend	aient	Elles	ont	attendu	Elles	attend ent	Elles	vont	attendre	Elles	attendr	ont	Elles	attendr	aient	Elles	auraient	attendu	

French	Verbs	CYCLE 1	All Years
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Present Tense Regular Verbs								
ER verb habiter = to live			IR verb finir = to finish			RE verb attendre = to wait		
Je (J')	habit e	<i>I live</i>	Je (J')	fin is	<i>I finish</i>	Je (J')	attend s	<i>I wait</i>
Tu	habit es	<i>You live (s/informal)</i>	Tu	fin is	<i>You finish (s/informal)</i>	Tu	attend s	<i>You wait (s/informal)</i>
Il	habit e	<i>He lives</i>	Il	fin it	<i>He finishes</i>	Il	attend _	<i>He waits</i>
Elle	habit e	<i>She lives</i>	Elle	fin it	<i>She finishes</i>	Elle	attend _	<i>She waits</i>
On	habit e	<i>We live</i>	On	fin it	<i>We finish</i>	On	attend _	<i>We wait</i>
Nous	habit ons	<i>We live</i>	Nous	fin issons	<i>We finish</i>	Nous	attend ons	<i>We wait</i>
Vous	habit ez	<i>You live (pl/formal)</i>	Vous	fin issez	<i>You finish (pl/formal)</i>	Vous	attend ez	<i>You wait (pl/formal)</i>
Ils	habit ent	<i>They live (m/mixed)</i>	Ils	fin issent	<i>They finish (m/mixed)</i>	Ils	attend ent	<i>They wait (m/mixed)</i>
Elles	habit ent	<i>They live (f)</i>	Elles	fin issent	<i>They finish (f)</i>	Elles	attend ent	<i>They wait (f)</i>

Present Tense Irregular Verbs											
avoir = to have			être = to be			faire = to do			aller = to visit		
Je (J')	ai	<i>I have</i>	Je (J')	suis	<i>I am</i>	Je (J')	fais	<i>I do</i>	Je (J')	vais	<i>I go</i>
Tu	as	<i>You have (s/informal)</i>	Tu	es	<i>You are (s/informal)</i>	Tu	fais	<i>You do (s/informal)</i>	Tu	vais	<i>You go (s/informal)</i>
Il	a	<i>He has</i>	Il	est	<i>He is</i>	Il	fait	<i>He does</i>	Il	va	<i>He goes</i>
Elle	a	<i>She has</i>	Elle	est	<i>She is</i>	Elle	fait	<i>She does</i>	Elle	va	<i>She goes</i>
On	a	<i>We have</i>	On	est	<i>We are</i>	On	fait	<i>We do</i>	On	va	<i>We go</i>
Nous	avons	<i>We have</i>	Nous	sommes	<i>We are</i>	Nous	faisons	<i>We do</i>	Nous	allons	<i>We go</i>
Vous	avez	<i>You have (pl/formal)</i>	Vous	êtes	<i>You are (pl/formal)</i>	Vous	faites	<i>You do (pl/formal)</i>	Vous	allez	<i>You go (pl/formal)</i>
Ils	ont	<i>They have (m/mixed)</i>	Ils	sont	<i>They are (m/mixed)</i>	Ils	font	<i>They do (m)</i>	Ils	vont	<i>They go (m/mixed)</i>
Elles	ont	<i>They have (f)</i>	Elles	sont	<i>They are (f)</i>	Elles	font	<i>They do (f)</i>	Elles	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')	v ais	Je (J')	suis allé(e)	Je (J')	vais aller	Je (J')	ir ais	Je (J')	ir ai	Je (J')	all ais	Je (J')	étais allé(e)	Je (J')	serais allé(e)
Tu	v as	Tu	es allé(e)	Tu	vas aller	Tu	ir ais	Tu	ir as	Tu	all ais	Tu	étais allé(e)	Tu	serais allé(e)
Il	v a	Il	est allé(e)	Il	va aller	Il	ir ait	Il	ir a	Il	all ait	Il	était allé(e)	Il	serait allé(e)
Elle	v a	Elle	est allé(e)	Elle	va aller	Elle	ir ait	Elle	ir a	Elle	all ait	Elle	était allé(e)	Elle	serait allé(e)
On	v a	On	est allé(e)	On	va aller	On	ir ait	On	ir a	On	all ait	On	était allé(e)	On	serait allé(e)
Nous	all ons	Nous	sommes allé(e/s)	Nous	allons aller	Nous	ir ions	Nous	ir ons	Nous	all ions	Nous	étions allé(e/s)	Nous	serions allé(e/s)
Vous	all ez	Vous	êtes allé(e/s)	Vous	allez aller	Vous	ir iez	Vous	ir ez	Vous	all iez	Vous	étiez allé(e/s)	Vous	seriez allé(e/s)
Ils	v ont	Ils	sont allé(e/s)	Ils	vont aller	Ils	ir aient	Ils	ir ont	Ils	all aient	Ils	étaient allé(e/s)	Ils	seraient allé(e/s)
Elles	v ont	Elles	sont allé(e/s)	Elles	vont aller	Elles	ir aient	Elles	ir ont	Elles	all aient	Elles	étaient allé(e/s)	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')	f ais	Je (J')	ai fait	Je (J')	vais faire	Je (J')	fer ais	Je (J')	fer ai	Je (J')	fais ais	Je (J')	avais fait	Je (J')	aurais fait
Tu	f ais	Tu	as fait	Tu	vas faire	Tu	fer ais	Tu	fer as	Tu	fais ais	Tu	avais fait	Tu	aurais fait
Il	f ait	Il	a fait	Il	va faire	Il	fer ait	Il	fer a	Il	fais ait	Il	avait fait	Il	aurait fait
Elle	f ait	Elle	a fait	Elle	va faire	Elle	fer ait	Elle	fer a	Elle	fais ait	Elle	avait fait	Elle	aurait fait
On	f ait	On	a fait	On	va faire	On	fer ait	On	fer a	On	fais ait	On	avait fait	On	aurait fait
Nous	f aisons	Nous	avons fait	Nous	allons faire	Nous	fer ions	Nous	fer ons	Nous	fais ions	Nous	avions fait	Nous	aurions fait
Vous	f aitez	Vous	avez fait	Vous	allez faire	Vous	fer iez	Vous	fer ez	Vous	fais iez	Vous	aviez fait	Vous	auriez fait
Ils	f ont	Ils	ont fait	Ils	vont faire	Ils	fer aient	Ils	fer ont	Ils	fais aient	Ils	avaient fait	Ils	auraient fait
Elles	f ont	Elles	ont fait	Elles	vont faire	Elles	fer aient	Elles	fer ont	Elles	fais aient	Elles	avaient fait	Elles	auraient fait
DR/MRS VANDERTRAMP verbs take être not avoir															
Descendre – je suis descendu(e)(s) - to come down (stairs)								Devenir – je suis devenu(e)(s) - to become							
Rester – je suis resté(e)(s) - to stay								Entrer – je suis entré(e)(s) - to enter							
Monter – je suis monté(e)(s) - to climb								Rentrer – je suis rentré(e)(s) - to re-enter							
Revenir – je suis revenu (e)(s) - to return								Tomber – je suis tombé(e)(s) - to fall							
Sortir – je suis sorti(e)(s) - to go out								Retourner – je suis retourné(e)(s) - to return							
Venir – Je suis venue (e)(s) - to come								Arriver- je suis arrivé(e)(s) - to arrive							
Aller – je suis allé(e)(s) - to go								Mourir – je suis mort(e)(s) - to die							
Naître - je suis né(e)(s) - to be born								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	
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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
inconfortable	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>Natural Event: 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>Natural Hazard: 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>Hazard Risk: 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>Hazard Risk Changes - Recorded natural hazards have increased over time > more people are at risk from hazard:</p> <ul style="list-style-type: none"> • Population Increase - More people on the planet à living in more areas > experience more hazards • Urbanisation - More living in urban areas > more affected if a hazard takes place in that area > less people affected in rural areas as spread out • Wealth - Poorer people live in riskier areas as the land is cheaper > more at risk 			
2 – Location and Causes of Wildfires	<p><u>Australian Wildfires 2020</u></p> <p>Requirements</p> <ul style="list-style-type: none"> • Leaf litter / soil on the ground • Warm and wet climate for vegetation growth then hot and dry • Source of ignition <p>Natural Causes (10% of fires)</p> <ul style="list-style-type: none"> • Hot and dry spell due to Indian Ocean Dipole dried out forest floor • Temperatures of 41.9 °C plus • Strong winds spread fires <p>Human Causes (90% of fires)</p> <ul style="list-style-type: none"> • CO2 increase: climate change • Camping, cigarettes, arson 		<p>Wildfires are unevenly distributed around the world and occur in clusters. The area that experienced the greatest distribution of wildfires was in the south of Africa. There is an exception with a wildfire taking place near the north pole in Greenland compared to the rest of the fires mainly at low latitudes.</p> 	
3 – Effects and Responses and distribution of Wildfires	<p>Primary Effects</p> <ul style="list-style-type: none"> • 6,000 buildings and 3,000 homes destroyed > homelessness • \$: Billions spent on fire and rescue > less money for other services • Env: Millions of animals killed à loss of biodiversity > ecosystem collapse <p>Secondary Effects</p> <ul style="list-style-type: none"> • Canberra worst air quality in the world > more death: asthma • \$: Damaged infrastructure > loss of tourism > loss of money / jobs Env: 1 billion animals will die after the fires due to a loss of food and habitat <p>Monitoring: look at the climate and weather to detect changes and development of conditions for fires</p>		<p>Prediction: using monitoring to say when a fire will occur and where which allows evacuation</p> <p>Planning: 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>Preparation: by trying to reduce damage when the hazard does occur. E.g. keeping areas around houses clear of vegetation</p>	





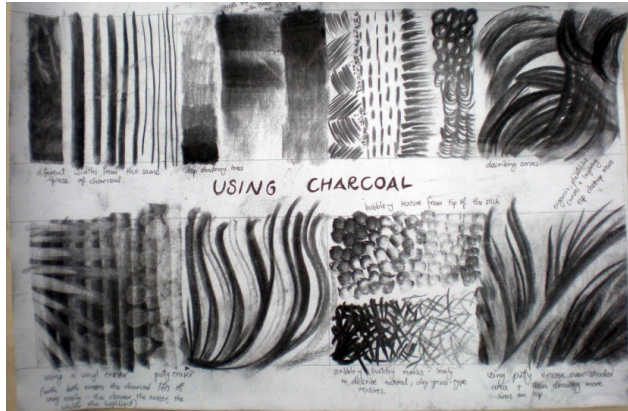

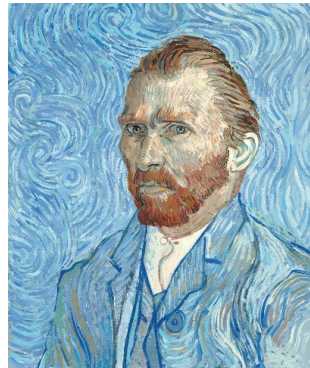
Geography		Risky Earth/Dynamic Landscapes		CYCLE 1	YEAR 8
	Box	Key Knowledge to learn			
4 – Key terms and cold places	<p>Key Terms</p> <p>Landscape: key visual features of an area</p> <p>Relief: height and the shape of the land.</p> <p>Altitude / elevation: height above sea level</p> <p>Gradient: how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

History			Industrial Britain				Cycle 1		Year 8			
Week	Key Knowledge to learn											
Section A	Key Words		Industrial Revolution 1750-1900				Britain’s top 5 industries 1750-1900		The Main Changes:			
	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">This was a time of big changes in the way that people lived and worked in Britain.The changes happened mainly because of one invention: the steam engine.This made production of goods much faster.				Textiles – clothing, bedding, all types of cloth	11 million people in Britain	40 million people in Britain			
	Revolution	A rapid change over a short period of time					Pottery – plates, teapots, cups	20% lived in towns	75% lived in towns			
	Merchant	Someone who trades goods for profit					Iron and steel – trains, screws, nails,	Most people were farmers	Most people worked in factories/offices			
			1760-1820 George III	1820-1830 George IV	1830-1837 William IV	1837-1901 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>Section B - The Development of Inventions, Factories & Towns</p> <p>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.</p> <p>Stage One – Merchant buys raw wool from sheep raiser. Stage Two – Merchant takes wool to farming families, women and children clean, sort and spin wool into yarn (thread). Stage Three – Merchant takes yarn to weaver, with hand loom. Stage Four – Merchant takes cloth to be cleaned and shaped. Stage Five – Merchant take cloth to be dyed. Stage Six – Merchant takes fabric to market</p> <p>Problems – Slow process, expensive, too many stages in production, shortage of products for growing population</p> <p>Solution - Invent new machinery to do the work at low cost and more efficiently</p> <p>Richard Arkwright is the person credited with inventing the prototype of the modern factory. 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>Edmund Cartwright 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	Conditions at the BEGINNING of the 1800s (19 th century)											
	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	Why were conditions so poor? Diseases that spread quickly (and could kill) in a typical Industrial Revolution town:				
	Cholera		Typhoid		Smallpox
	<ul style="list-style-type: none">Both caused by dirty waterSymptoms of Cholera include watery diarrhoea, vomiting, rapid heart rate, dry mouth, low blood pressure. Death usually occurs within two days.Symptoms of Typhoid include poor appetite, stomach pain, headaches, high fever, internal bleeding.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.		<ul style="list-style-type: none">Both highly infectious caused by bacteriaSymptoms of Smallpox include high fever, skin rash similar to flat spots which blister and leave scars, vomiting, stomach pain, diarrhoea.Symptoms of Diphtheria include sore throat, swollen glands, fever and chillsDifficult 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.		
	Why were conditions so bad?				
	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	Why was Saltaire different? 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 different kind of smoke burner to reduce pollution. He also built a village (Saltaire) of 850 houses for his 3,500 workers. The houses were well built, with water piped into each one and an outside toilet . Streets were well paved with gas lighting. The village also had a hospital, a park , the ‘Victoria Institute’ where adult workers could get an education and ‘alms houses’ 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.				
	Did factories get any better? Factory laws:				
	1819	No children under 9 to work Factory owners could be fined		1844	All textile machines had to have guards Cleaning of moving machinery was banned
	1833	9 hour maximum for children aged 9-13 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				
	Problems with the laws: many factory owners were taken to court and FINED – this shows they did not always follow the laws. It took a LONG TIME to cover all the problems in factories (e.g. air quality not mentioned until 1890s). Young children (over 11) were still working in factories even by 1900.				

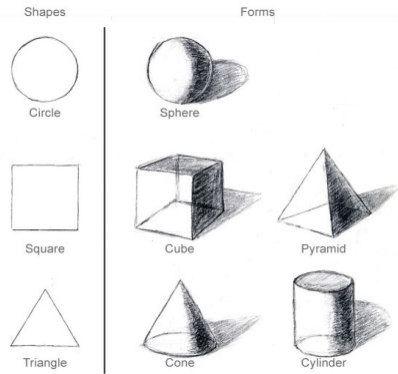
RE		Hinduism	Cycle 1	Year 8
Area	Key Knowledge to learn			
1- Key facts	<ul style="list-style-type: none"> There is no one founder for Hinduism; it is a collection of beliefs and teachings that came together to make up the Hindu religion. Hinduism began in the Indus Valley in India. It is around 5,000 years old. There are about 1.1 billion Hindus in the world; this is about 15% of the world's population. 95% of the world's Hindus live in India. The major books of Hinduism are: the Vedas, Ramayana, Bhagavad Gita, 18 Puranas, and Mahabharata. The most common language for Hindu scriptures is Sanskrit- the oldest language in the world. Hindus believe in reincarnation- the soul is immortal, but takes on the form of many bodies until they achieve enlightenment 			
2 – Trimurti	<ul style="list-style-type: none"> Hindus believe in one Supreme Being called Brahman. They believe that Brahman is everywhere all of the time, like salt dissolved in water. The majority of Hindus believe that Hinduism is a monotheistic religion because they all believe in one Supreme Being, Brahman. In Hinduism there are thousands of gods and goddesses who all part of the one Supreme Being. The Trimurti refers to three important gods in Hinduism – Brahma, Vishnu and Shiva. 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. 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. 			
3 – Worship	<ul style="list-style-type: none"> Puja can take place anywhere – at home, at the mandir (temple) or even at work 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. Puja engages all five senses so you go away from it alert and ready for your day. It takes place before murtis, statues of the deities the worshippers particularly want to worship. 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. 			

RE		Hinduism	Cycle 1	Year 8
Week	Key Knowledge to learn			
4 – Diwali	<ul style="list-style-type: none"> Diwali happens each year in autumn to celebrate the victory of light over darkness, and the coming of the Hindu New Year. Diwali is also known as the Festival of Light. Diwali is celebrated on the fifteenth day of the Hindu month of Kartika. During the festival the story of Rama and Sita is remembered. Hindus celebrate by lighting divas, setting off fireworks, making Rangoli pictures and cleaning their homes and wearing new clothes. 			
5 – Hindu gods	<ul style="list-style-type: none"> 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 Popular Hindu gods of worship are: Ganesh- God of success and is depicted with the head of an elephant. 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. 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. Lakshmi- The God of light and wealth, Lakshmi is popular as she is mainly worshiped during Diwali as she symbolises light. 			
6 - Life after death	<ul style="list-style-type: none"> <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. <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. <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. Everyone's soul (atman) is born into a living body. Over your life you build up good or bad karma (actions). 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. 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. 			

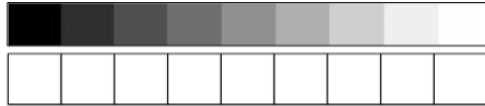
Art	Mark Making	CYCLE 1	YEAR 8
<div><div>Section A</div><div>Mark are used to show different things in drawing and painting</div><div><p>Mood or Emotion</p><p>Texture</p><p>Movement</p><p>Shading 3D Form</p></div></div> <div><div>Section B</div><div>Experimental mark making- anything can be a mark and you can use different things to make a mark coffee, charcoal , food colouring- try new things out!</div><div></div><div><div>Section C Artists</div><div>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.</div><div></div><div>Marks can add interest and excitement to your work.</div></div></div>	<div><div>KEY TERMS AND VOCABULARY</div><div><ul style="list-style-type: none">• 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</div><div>Some marks have special names:</div><div><ul style="list-style-type: none">• Dashes• Dots for stippling• Smudges• Scumbling• Hatching• Cross hatching• Contour</div></div>		

SECTION D: 3d FORM

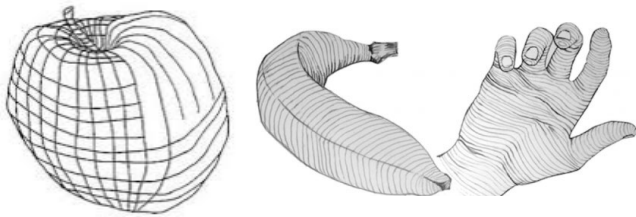
For a 3d object to look 3d on a page we need to marks that show light and dark tone.



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



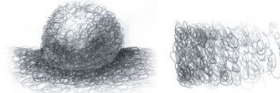
Contour lines- that follow the shape of an object can help your work look 3d

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

Stippling



Scumbling



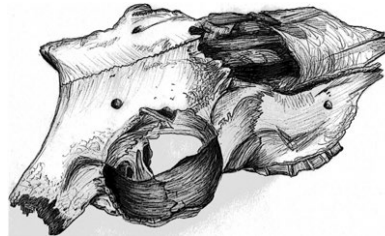
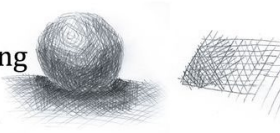
Shading



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**

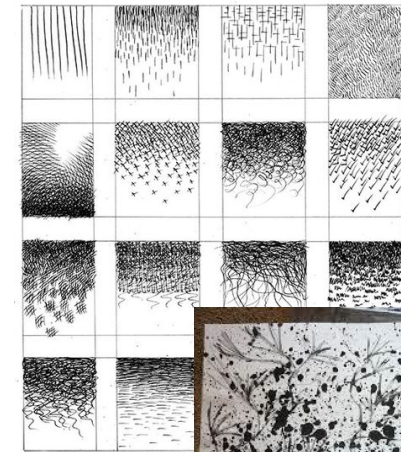




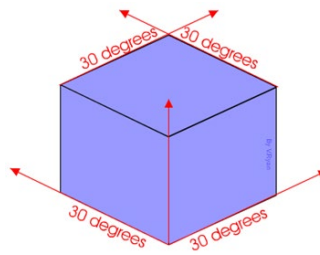
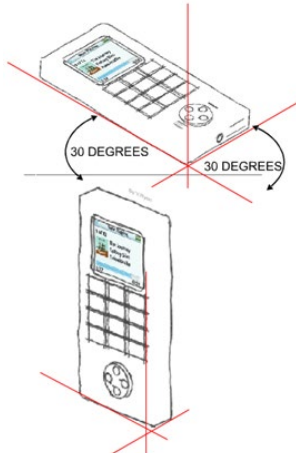
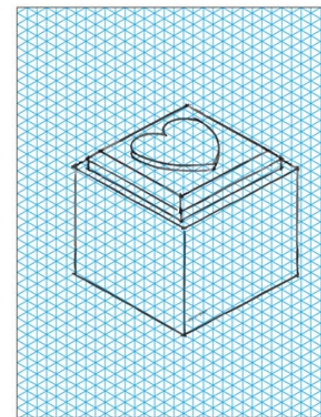
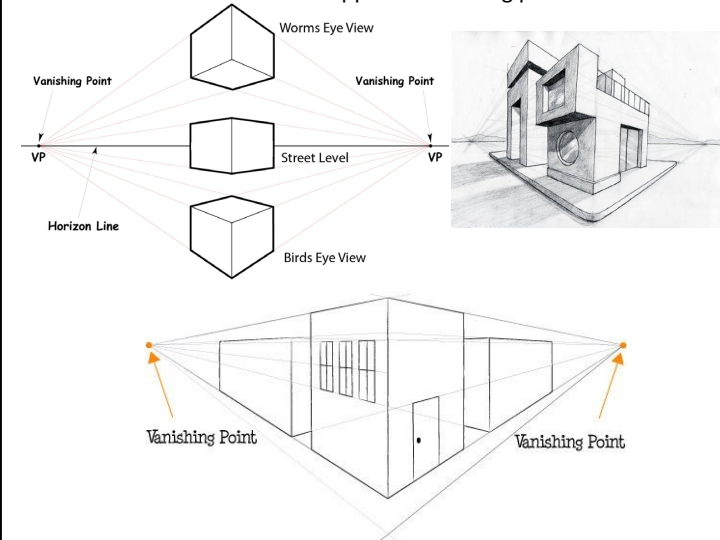
Texture can also be drawn that do not look like anything real these are called **Invented Textures**















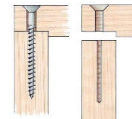

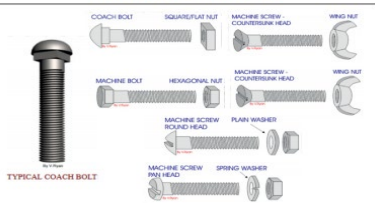
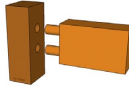
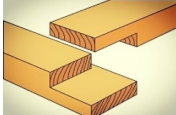

SECTION F

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.

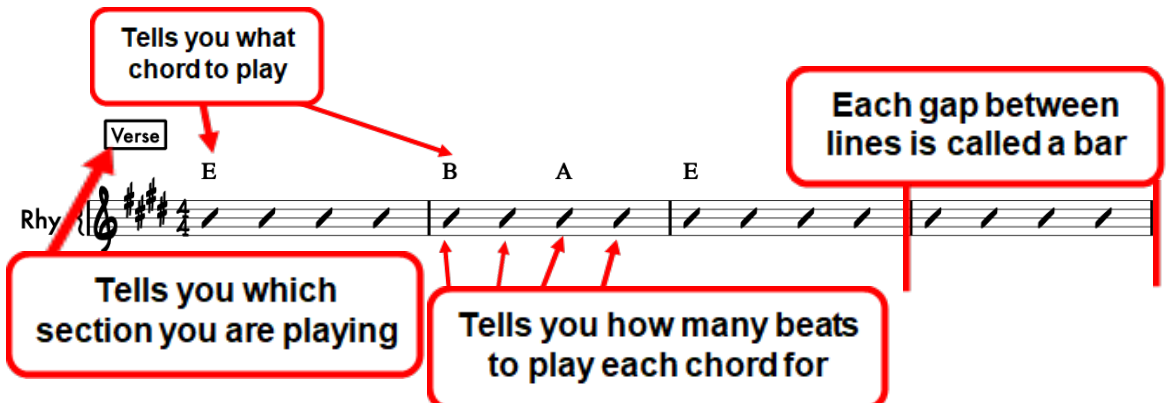
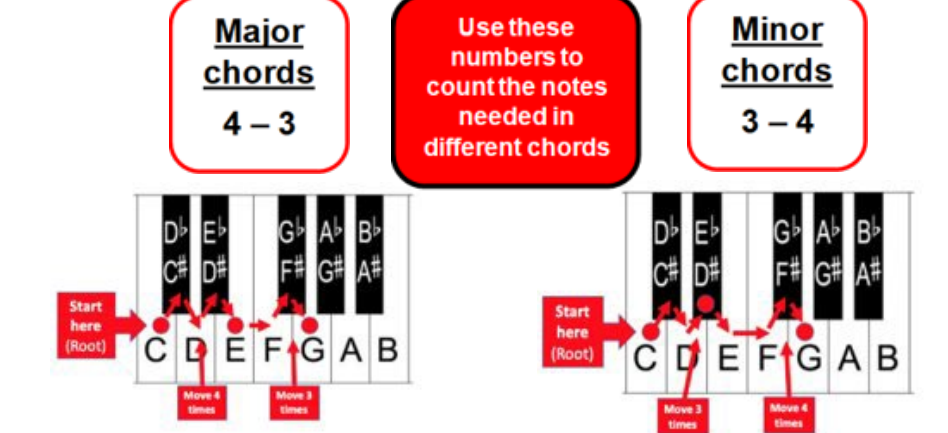
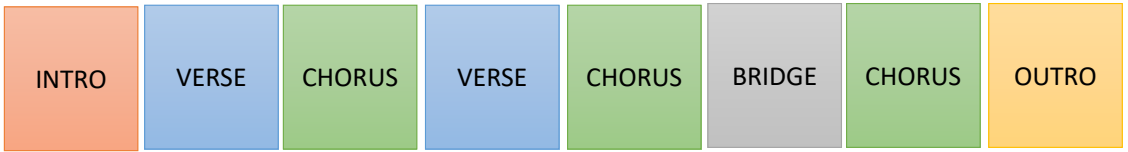
E.g. paint might be sprayed on creating a disorganised random effect



Design Technology	Design Technology	CYCLE 1	YEAR 8														
<div>BOX 1: Colour</div> <p>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.</p> <p>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.</p> <p style="text-align: center;">RED – YELLOW – BLUE</p> <p>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.</p> <div></div> <p>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.</p> <table><tr><td>YELLOW</td><td>+</td><td>BLUE</td><td>=</td><td>GREEN</td></tr><tr><td>BLUE</td><td>+</td><td>RED</td><td>=</td><td>PURPLE</td></tr><tr><td>RED</td><td>+</td><td>YELLOW</td><td>=</td><td>ORANGE</td></tr></table> <div></div>	YELLOW	+	BLUE	=	GREEN	BLUE	+	RED	=	PURPLE	RED	+	YELLOW	=	ORANGE	<div>BOX 2: Isometric Drawing</div> <p>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.</p> <div></div> <ul style="list-style-type: none">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. <div></div> <ul style="list-style-type: none">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. <div></div>	<div>BOX 3: One Point Perspective</div> <p>Perspective (from the Latin: <i>perspicere</i> "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 <i>foreshortening</i>, meaning that an object’s dimensions along the line of sight appear shorter than its dimensions across the line of sight.</p> <p>Perspective drawing is a good technique to use when drawing in 3D. There are different styles including single point and two point perspective.</p> <p>Two Point Perspective</p> <p>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.</p> <div></div>
YELLOW	+	BLUE	=	GREEN													
BLUE	+	RED	=	PURPLE													
RED	+	YELLOW	=	ORANGE													

Design Technology		Design Technology	CYCLE 1	YEAR 8				
<div>BOX 4: Adhesives</div> <div>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.</div> <div></div> <div><div><div>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.</div><div>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.</div><div>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'.</div></div></div>		<div>BOX 6: Materials</div> <div><div><div><div>Hardwoods</div><div><p>Beech</p><p>Oak</p><p>Ash</p><p>Teak</p><p>Comes from deciduous trees</p><p>This is a broad-leaved tree which loses its leaves in the winter.</p></div></div><div><div>Softwoods</div><div><p>Pine</p><p>Spruce</p><p>Cedar</p><p>Fir</p><p>Comes from coniferous trees</p><p>This tree is an evergreen (green all year), needle-leaved, cone-bearing tree.</p></div></div><div><div>Manufactured Boards</div><div><p>Boards are available in many thicknesses</p><p>Boards are inexpensive so are often used instead of real woods</p><p>Manufactured boards are often made using waste wood</p><p>Manufactured boards have been developed mainly for industrial production as they can be made in very large sheets of consistent quality</p></div></div><div><div>Medium Density Fibre board (MDF)</div><p>This board is composed of fine wood dust and resin pressed into a board. This material can be worked, shaped and machined easily.</p></div><div><div>Plywood</div><p>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.</p></div></div></div>		<div>BOX 7: Joining methods</div> <div>Joints can either be Temporary or Permanent depending on the type of joint and if glue is used.</div> <table><tr><th>Permanent:</th><th>Temporary:</th></tr><tr><td>When we do not want to take the pieces apart again for example glues, welding & rivets.</td><td>When we will, or might need to take pieces apart again for example Screws, nuts/bolts & nails.</td></tr></table> <div><div>Temporary fixings</div><div><div><p>Joint with wood screws</p></div><div><p>Nailed Joint</p></div></div><div><div>NUTS AND BOLTS</div></div><div><div>Permanent fixings</div><div><div><p>Dowel Joint</p></div><div><p>Corner Halving Joint</p></div><div><p>Joint with wood glue or PVA</p></div></div></div></div>	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.
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.							

Performing Arts - DRAMA		Essentials	CYCLE 1	Year 8
Box A – Drama Skills	Box B – Tier Three Words	Box C – Vocal skills		
<p>Body Language – Using your body to communicate your character. E.g. an old man would have hunched body language.</p> <p>Facial Expressions – Using your face to communicate your characters emotions.</p> <p>Voice – altering the tone, pitch, and pace of your voice to fit your character.</p> <p>Levels – How high or low your character is to the ground. Can be used to communicate status, class or power.</p> <p>Proxemics – How close or far away you stand to other characters on stage based on your relationship.</p> <p>Posture – How you stand during your performance to represent your character</p> <p>Gestures – using body parts to communicate non-verbally. E.g waving, thumbs up, shaking head.</p>	<p>Stimulus a starting point</p> <p>Actor a person who takes on a character or role</p> <p>Director leads the theatre makers in achieving the artistic vision</p> <p>Devising creating a performance from a stimulus</p> <p>Artistic Vision how a performance is visualised. It can be described as the ‘image’ of the performance.</p>	<ul style="list-style-type: none"> • PITCH • PACE • PAUSE • ACCENT/ DIALECT • TONE • VOLUME 		
Box D – Rehearsal Techniques	Box E – Devising and Stimulus	Box F - Characterisation		
<p>Conscience Alleyway The group takes on 2 contrasting viewpoints to provide a tunnel or circle of thoughts to explore a dilemma or circumstance.</p> <p>Improvisation An actor invents and creates content on the spot based on a given stimulus.</p> <p>Thought Track A character tracks their thoughts, verbalising them in soliloquy form to the audience.</p> <p>Cross Cutting/ Split Scene Two scenes are performed with a specific link such as same time but different location.</p>	<p>What is Devising? 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>Stimulus 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>Hot Seating– asking specific questions to a person who is in role and sustains their character whilst answering.</p> <p>Role on The Wall – 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>Uta Hagan’s Given Circumstances – 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>		

Performing Arts	Pop Music	CYCLE 1	YEAR 8
BOX A: HOW TO READ CHORD CHARTS 		BOX C: HOW TO CONSTRUCT A CHORD 	
BOX B: POP SONG STRUCTURE <p>INTRODUCTION – At the start, a short section to introduce the piece.</p> <p>VERSE – A section that usually tells the story of the song, the harmony is repeated but the lyrics are different.</p> <p>CHORUS – A section which is repeated several times with the same lyrics and harmony.</p> <p>BRIDGE – A section that is different to the other sections, usually comes before the final chorus.</p> <p>OUTRO – The final section of the song.</p> 		BOX D: KEY WORDS <p>RIFF – A repeated rhythm or melody that hooks the listener into the song.</p> <p>TEXTURE – How the instruments are layered.</p> <p>TONALITY – The character of the piece, related to the key.</p> <p>HARMONY – When two or more notes are played at the same time, forming chords in a piece of music.</p> <p>ACCURATE – Performing the music correctly.</p> <p>FLUENT – Being able to perform confidently and independently.</p> <p>CONFIDENT - When performers know what they are performing and know they will get it right.</p> <p>LYRICS – The words to a song.</p>	

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`.

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

`<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.

`</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.**

IT	HTML	Cycle 1	Year 8
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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

<img src = "batman.jpg

alt= "image of batman"

Width:800px; height:600px>

| WEEK 1 | WEEK 2 | WEEK 3 | WEEK 4 | WEEK 5 |
|---|---|--|---|--|
| 1. believe
2. disappear
3. interesting
4. sieve
5. bibliography
6. commemorate
7. feasible
8. output
9. tourist
10. vertical | 1. beneath
2. disappoint
3. interrupt
4. design
5. series
6. commission
7. February
8. cursor
9. globalisation
10. amount | 1. buried
2. embarrass
3. issue
4. simmering
5. book
6. committee
7. foreign
8. password
9. tourism
10. minus | 1. business
2. energy
3. jealous
4. dairy
5. system
6. compatible
7. humorous
8. delete
9. habitat
10. volume | 1. caught
2. engagement
3. knowledge
4. vitamins
5. catalogue
6. comparative
7. irreparable
8. preview
9. transport
10. approximately |
| WEEK 6 | WEEK 7 | WEEK 8 | WEEK 9 | WEEK 10 |
| 1. chocolate
2. enquire
3. listening
4. diet
5. thesaurus
6. connoisseur
7. livelihood
8. digital
9. human
10. multiply | 1. climb
2. environment
3. lonely
4. water
5. chapter
6. corroborate
7. maintenance
8. processor
9. transportation
10. weight | 1. column
2. evaluation
3. lovely
4. evaluation
5. classification
6. courteous
7. strategy
8. program
9. igneous
10. average | 1. concentration
2. evidence
3. marriage
4. weight
5. content
6. accommodate
7. stratagem
8. documents
9. tsunami
10. multiplication | 1. material
2. potential
3. sincerely
4. fats
5. copyright
6. assassin
7. truly
8. programming
9. industry
10. axis |
| WEEK 11 | WEEK 12 | WEEK 13 | | |
| 1. honorary
2. illiterate
3. indispensable
4. weighing
5. dedication
6. acknowledge
7. twelfth
8. graphic
9. urban
10. axes | 1. humorous
2. immigrant
3. irrelevant
4. fermentation
5. dictionary
6. accidental
7. withhold
8. scanner
9. infrastructure
10. negative | 1. hypocrisy
2. incidentally
3. irreparable
4. whisking
5. editor
6. knowledge
7. valuable
8. hardware
9. volcano
10. calculate | | |

**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

