

Knowledge Navigator 2022/2023 Cycle 1

Year 7

Name:

Form:

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



YEAR 7

CYCLE 1 HOMEWORK

YEAR 7 KNOWLEDGE NAVIGATOR

CYCLE 1

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English		Private Peaceful		CYCLE 1	Year 7
Box A: Key Themes		Box B: Key Terminology			
Power and cruelty	One of the main messages of the novel is that it underscores the danger in placing a cruel and manipulative person in a position of power	1. Imagery	Painting a picture with words. E.g.: 'there was a sickly-sweet stench about the place that had to be more than stagnant mud and water' (p137)		
		2. Flashback	Looking back at something that has already happened. E.g.: Charlie is re-telling stories from home whilst imprisoned.		
Family	Importantly, it is the reassurance and support of his family that ultimately helps relieve Tommo's guilt about the death of his father	3. Tense	Past, present and future. E.g.: Present tense relating to Charlies time in prison. Past tense recalling happier times.		
		4. Foreshadowing	Hinting at or giving clues as to what is about to happen. E.g.: 'We are back at last at rest camp, most of us anyway ' (p133) - suggesting that some won't make it back		
Guilt and Grief	Morpurgo shows that guilt is often a natural accompaniment to grief, but that healing is only possible when one rids oneself of this guilt.	5. Pathetic Fallacy	When the weather or change in light reflects the feelings of the character or suggests something bad is about to happen. E.g.: 'At that moment the light floods into the trench...' (p130) symbolising the impending death of a soldier – the light resembling heaven.		
		6. Semantic Field	A groups of words that have a similar meaning. E.g.: 'The blast of it throws us all to the ground, putting out lamps and plunging us into pungent darkness' (p165) words associated with violence.		
Courage	Morpurgo's message is the inherent value of courage and suggests that people must always strive for bravery even in the face of potential consequences.	7. Narrative Voice	The person telling the story. Charlie is telling the story of Private Peaceful		
		8. Protagonist	The main character of the story. E.g.: Charlie		
Religion and Faith	<i>Private Peaceful</i> begins with an optimistic impression of religion and spirituality. Eventually he decides that there is only earth and mankind after all, and that there is no point in trying to believe otherwise.	9. Antagonist	A character who interferes with the protagonist. E.g.: Sergeant Hanley who hates Charlie and makes a point of causing him problems.		
		10. Colloquialism	Styles of speech that are unique to a different parts of the country. E.g: 'Off you go, you scallywag , you,' (p13)		

English	Private Peaceful		CYCLE 1	Year 7
Box C: Context		Box E: Key Grammar Terminology to help you develop your analytical reading and writing and make it more interesting and accurate.		
1. World War 1 (WW1) 28 th July 1914 to 11 November 1918				
2. It is thought that approximately 16 million people died during World War 1.		1. Declarative Sentence A sentence that is a statement (declaration of fact) - e.g. ‘Private Peaceful is a novel set in world war 1’		
3. Rural life in the early 1900’s meant there was a class divide between the Lord of the Manor and his farm workers. Workers lived in tied properties, meaning that if you lost your job, you lost your home as well.		2. Interrogative Sentence This is a sentence that is a question. E.g. ‘What was the main message of Private Peaceful?’		
4. The Trenches – the front line where soldiers lived in readiness for the assault into no-mans land.		3. Imperative Sentence This sentence is a command. E.g. ‘Do your homework now!’		
5. 306 soldiers were executed for cowardice, desertion and sleeping at their posts during WW1. These soldiers were pardoned in 2006. There is a memorial for those men at the National Arboretum.		4. Exclamatory Sentence An exclamatory sentence carries a lot of emotion: excitement, anger, anticipation. E.g.’ I have just been conscripted to go to war!’		
Box D: key Vocabulary		5. Useful Conjunctions-Because, But, So-useful for joining ideas/sentences together Because explains why something is true, but indicates a change of direction and so tells us that something has happened as a result of something else- in other words cause and effect.		
1. Propaganda	Information that is biased or misleading and used to promote a political cause or point of view.	6. Most frequently used Subordinating Conjunctions (These will help you to expand your sentences) Before, after, If, when, even though, although, since, while, unless, whenever.		
2. Conscription	Compulsory enrolment for a state service, typically the armed forces.	7. Topic Sentence A topic sentence is a sentence that explains what your paragraph is about.		
3. Cowardice	Excessive fear that prevents an individual from taking risks or facing danger.	8. Concluding sentence A sentence that summarises and concludes what your paragraph is about		
4. Patriotism	The feeling of loving your country and being proud of it. Will protect your country	9. Noun Phrase The main character of the story. Eg: Charlie		
5. Desertion	The act of leaving the armed forces without permission.	10. Summarising You will often be asked to summarise. This means to look for the key information in a text (see box 10 for question prompts)		
6. Court Martial	A judicial court for trying soldiers of the armed forces accused of offences against military law	11. Question words (these help to find key information in a text) Who, what, where, when, why, how		
7. Enlistment	Voluntary action of joining the armed forces.			
8. Mustard Gas	A poisonous gas used by the Germans in trench warfare against the British. Caused blindness, choking and breathing problems,. In severe cases, caused death.			

English	Private Peaceful / War Poetry	CYCLE 1	Year 7
Box F: Poetry Terms			
Free verse	A poem which has no regular rhythm or rhyme scheme.		
Juxtaposition	A stark contrast between two ideas, words or phrases		
Metaphor	Where two things are compared WITHOUT using as or like. They are compared by saying that one IS the other.		
Personification	A figure of speech in which nonhuman things or abstract ideas are given human attributes.		
Simile	A figure of speech in which two things are compared using the word "like" or "as."		
Viewpoint	The position, place or perspective from which we are encouraged (or forced) to consider the events and characters within a text. Our view may be deliberately restricted so that we only receive one point of view, while other potential viewpoints are misrepresented or missing altogether.		
Elegy	A mournful, melancholy poem, especially a funeral song or a lament for the dead		
Caesura	A natural pause or break in a line of poetry, usually near the middle of the line.		
Blank verse	A poem written in iambic pentameter (10 syllables per line) but doesn't rhyme		
Alliteration	The repetition of the same consonant sounds at any place, but often at the beginning of words.		
Enjambment	The running-over of a sentence or phrase from one poetic line to the next, without terminal punctuation.		
Assonance	The repetition or a pattern of (the same) vowel sounds, as in the tongue twister.		
symbolism	The use of symbols to represent ideas or qualities.		
Connotation	Different meanings of a word.		
Ambiguity	A word, statement, or situation with two or more possible meanings is said to be ambiguous.		

BOX 1: Key facts

Symbols

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

Metric conversions

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

Milli means one thousandth
 Centi means one hundredth
 Deci means one tenth
 Deka means one ten
 Hecto means one hundred
 Kilo means one thousand

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

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

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

Root - The inverse of an index.

Square Root e.g. $\sqrt{16} = 4$

Cube Root e.g. $\sqrt[3]{64} = 4$

Index - Tells us how many times to use the number in a repeated multiplication.

Square Number e.g. $4^2 = 4 \times 4 = 16$

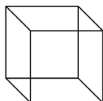
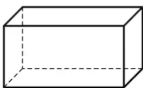
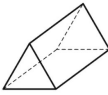
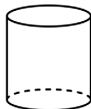
Cube Number e.g. $4^3 = 4 \times 4 \times 4 = 64$

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

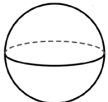

SEVEN	EIGHT	NINE	TEN	ELEVEN	TWELVE
$7 \times 1 = 7$	$8 \times 1 = 8$	$9 \times 1 = 9$	$10 \times 1 = 10$	$11 \times 1 = 11$	$12 \times 1 = 12$
$7 \times 2 = 14$	$8 \times 2 = 16$	$9 \times 2 = 18$	$10 \times 2 = 20$	$11 \times 2 = 22$	$12 \times 2 = 24$
$7 \times 3 = 21$	$8 \times 3 = 24$	$9 \times 3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

BOX 1: Key facts

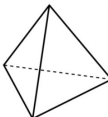
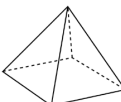

3D SOLIDS: PRISMS

Prism	A 3D solid with a consistent cross section .	
Cube	6 faces. 12 edges. 8 vertices.	
Cuboid	6 faces. 12 edges. 8 vertices.	
Triangular Prism	5 faces. 9 edges. 6 vertices.	
Cylinder	3 faces. 2 edges. No vertices.	

3D SOLIDS: OTHERS

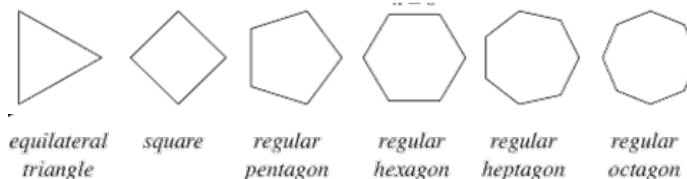
Sphere	1 face. No edges. No vertices	
Frustum	A frustum is a solid (usually a cone or pyramid) with the top removed .	

3D SOLIDS: PYRAMIDS

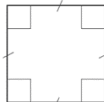
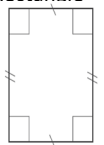
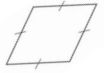

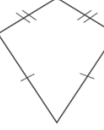

Pyramid	a solid three-dimensional shape with a polygon base , and triangular faces that meet at the apex (a vertex)	
Triangular based pyramid (Tetrahedron)	4 faces. 6 edges. 4 vertices	
Square based pyramid	5 faces. 8 edges. 5 vertices.	
Cone	2 faces. 1 edge. 1 vertex	

REGULAR POLYGONS

Regular polygons are 2D shapes that are equiangular (all angles are equal in measure) and equilateral (all sides have the same length)



PROPERTIES OF QUADRILATERALS

Square 	Four equal sides Four right angles Opposite sides parallel Diagonals bisect each other at right angles Four lines of symmetry Rotational symmetry of order four
Rectangle 	Two pairs of equal sides Four right angles Opposite sides parallel Diagonals bisect each other, not at right angles Two lines of symmetry Rotational symmetry of order two
Rhombus 	Four equal sides Diagonally opposite angles are equal Opposite sides parallel Diagonals bisect each other at right angles Two lines of symmetry Rotational symmetry of order two
Parallelogram 	Two pairs of equal sides Diagonally opposite angles are equal Opposite sides parallel Diagonals bisect each other, not at right angles No lines of symmetry Rotational symmetry of order two
Kite 	Two pairs of adjacent sides of equal length One pair of diagonally opposite angles are equal (where different length sides meet) Diagonals intersect at right angles , but do not bisect One line of symmetry No rotational symmetry
Trapezium 	One pair of parallel sides No lines of symmetry No rotational symmetry Special Case: Isosceles Trapeziums have one line of symmetry.

BOX 3: Sequences

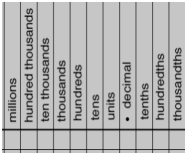
VOCABULARY	
Sequence	A pattern of terms/numbers which follow a rule
Term	Each value in a sequence is called a term.
Position	The place it is located . e.g. In the sequence: 3, 5, 7, 9 the term '5' has a position of 2 (as is the 2nd term).
RULES	
Term-to-term rule	A rule which allows you to find the next term in a sequence if you know the previous term .
Position-to-term rule (<i>nth Term</i>)	A rule which allows you to calculate the term that is in the nth position of the sequence.
Generate	To produce or create
TYPES OF SEQUENCES	
Linear Sequences	A sequence where the difference between terms is the same amount each time. Also known as a Arithmetic Sequence , can be increasing or decreasing. Algebraically: $x_n = an + b$
Common Difference	The amount we add each time in a linear sequence
Quadratic Sequences	A sequence of numbers with an n² in the position to term rule. The second difference between consecutive terms is constant. Algebraically: $x_n = an^2 + bn + c$
Geometric Sequences	A sequence of numbers where each term is found by multiplying the previous one by a number called the common ratio, r. Algebraically: $x_n = ar^{n-1}$
Common Ratio (r)	The amount we multiply by each time in a geometric sequence
Fibonacci Sequences	A sequence where the next number is found by adding up the previous two terms . The Fibonacci sequence: 1,1,2,3, 5,8,13 ...

BOX 4: Algebraic manipulation, equality and equivalence

ALGEBRAIC NOTATION	
Unknown value	A value that is not known . In algebra, they are represented by a letter .
Variable	A value that can change . In algebra, they are represented by a letter .
Coefficient	A number used to multiply a variable. Algebraically, it is the number that comes in front of a letter. e.g. 3b means 3xb. The coefficient is 3 . The variable is b .
Constant	Something that doesn't change in a formula.
Indices	Power of a variable or number.
Term	A number or letter on its own, or numbers and letters multiplied together. e.g. -2, 3x or 5a ²
Like terms	Like terms are the same apart from their numerical coefficients: they are the same variable and have the same power .
ALGEBRAIC SHORTHAND: EXAMPLES	
b	1 x b
3b	3 x b
b ³	b x b x b
3b ³	3 x b x b x b
(3b) ³	(3 x b) x (3 x b) x (3 x b)
$\frac{a}{b}$	a ÷ b
EXPRESSIONS, EQUATIONS, IDENTITIES AND FORMULA	
Expression	A set of terms combined using the 2 operations +, -, x or ÷. There is no "=" sign . e.g. 4x-3, 5a - 3xy + 17
Equation	Where two expressions are equal in value – there is always an "=" sign . e.g. 4b = 18.
Inequality	Where two expressions are not always equal in value.
	Strict < less than > greater than
Non-strict	≤ less than or equal to ≥ greater than or equal to
Formula	A special type of equation, used to find the value of a specific thing. e.g. $F = ma^2$
Identity	An equation that is true for all of its variables. e.g. $b + b = 2b$
Function	A special type of equation where each input has a single output .
	Input – A variable you choose . Output – A variable that is calculated .

x²

BOX 4: Place value and ordering decimals

NUMBER SENSE		
Integer	A whole number . Can be positive or negative.	
Place Value	The value of a digit in a number based on where it lies .	
Decimal	Not a whole number. It has a decimal point in it. Can be positive or negative.	
Terminating Decimals	Decimals which have a finite number of place values.	
Recurring Decimals	Decimals with an infinite number of repeating digits or repeating patterns of digits.	
Negative	A number that is less than zero . Can be decimals.	
Ascending	Numbers ordered from smallest to largest .	
Descending	Numbers ordered from largest to smallest .	
Fraction	Represents the division of one integer by another. <i>E.g.</i> $\frac{2}{3} = 2 \div 3$	
Mixed Number	A number formed of both an integer part and a fractional part. <i>E.g.</i> $3\frac{2}{5}$	

BOX 5: Fractions, decimals and percentages

FRACTION NOTATION

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

COMMON FDP CONVERSIONS		
Fraction	Decimal	Percentage
1/2	0.5	50%
1/4	0.25	25%
3/4	0.75	75%
1/10	0.1	10%

FDP CONVERSIONS

Decimal $\xrightarrow{\times 100}$ **Percentage**
Percentage $\xrightarrow{\div 100}$ **Decimal**

Percentage $\xrightarrow{\text{Write over 100 and simplify}}$ **Fraction**
Fraction $\xrightarrow{\text{Use equivalent fractions to write with a denominator of 100}}$ **Percentage**

Fraction $\xrightarrow{\frac{\text{numerator}}{\text{denominator}} = \text{numerator} \div \text{denominator}}$ **Decimal**
Decimal $\xrightarrow{\text{Use place value to write out of 10, 100, 1000... (then simplify)}}$ **Fraction**

BOX 6: Time

CLOCKS AND TIME	
Analogue clock	a clock or watch that has moving hands and (usually) hours marked from 1 to 12 to show you the time
Digital clock	a clock in which the hours, minutes, and sometimes seconds are indicated by digits, often in 24 hour format
AM	The abbreviation for the Latin phrase ante meridiem, meaning "before noon."
PM	The abbreviation for the Latin phrase post meridiem, meaning "after noon" in the 12-hour clock.
Analogue clock	Must write am or pm to show whether the time is 'morning' or 'afternoon'
AM	Midnight 1am 2am 3am 4am 5am 6am 7am 8am 9am 10am 11am
PM	Midday 1pm 2pm 3pm 4pm 5pm 6pm 7pm 8pm 9pm 10pm 11pm
Digital clock	Has a colon in between the hours (2 digits) and minutes (2 digits). Must not write am or pm as well.
AM	00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00
PM	12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00

1. Multicellular vs. unicellular

Multicellular organisms are composed of cells which are organised into tissues, organs and systems to carry out life processes.

There are many types of cell. Each has a different structure or feature so it can do a specific job.

Specialised cells include; sperm cells, nerve cells, red blood cells, palisade cells, root hair cells.

Cell: The unit of a living organism, contains parts to carry out life processes.

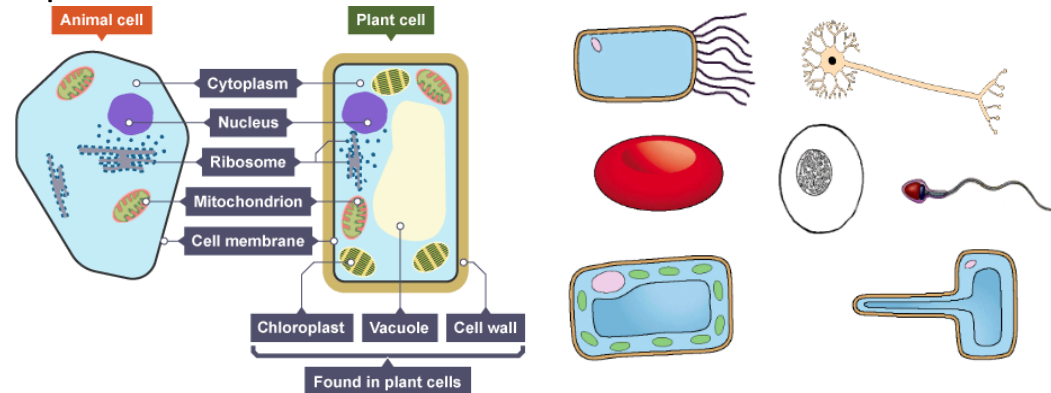
Uni-cellular: Living things made up of one cell.

Multi-cellular: Living things made up of many types of cell.

2. Cell organelles

Organelle	Function
Nucleus	Contains genetic material (DNA) which controls the cell's activities.
Cell membrane	Surrounds the cell and controls movement of substances in and out.
Cytoplasm	Jelly-like substance where most chemical processes happen.
Mitochondria	Site of respiration, where energy is released from food molecules.
Ribosomes	Site of protein synthesis.
Cell wall	Supports & strengthens the cell, in plant cells it is made of cellulose.
Chloroplast	Absorbs light energy so the plant can make food.
Vacuole	Contains liquid, and used to keep the cell rigid and store substances.

3. Specialised cells



4. Levels of organisation

Tissue: Group of one type of cells working together to perform a function.

Organ: Group of different tissues working together to carry out a job.

Organ system: Group of different organs working together to perform a function.

Diffusion: One way for substances to move into and out of cells.

Structural adaptations: Special features to help a cell carry out its functions.

5. Systems of the body

Immune system: Protects the body against infections.

Reproductive system: Produces sperm and eggs, and is where the foetus develops.

Digestive system: Breaks down and then absorbs food molecules.

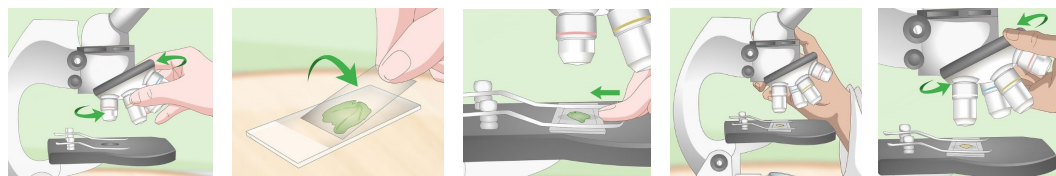
Circulatory system: Transports substances around the body.

Respiratory system: Replaces oxygen and removes carbon dioxide from blood.

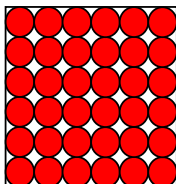
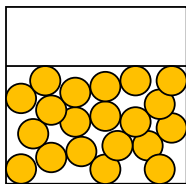
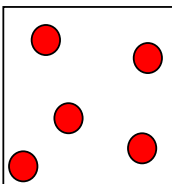

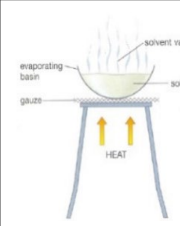
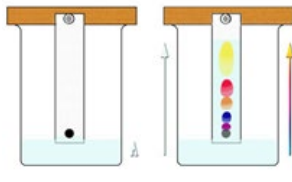
Muscular skeletal system: Muscles and bones working together to cause movement and support the body.








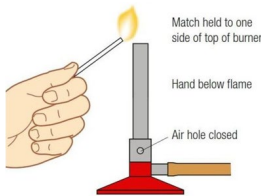
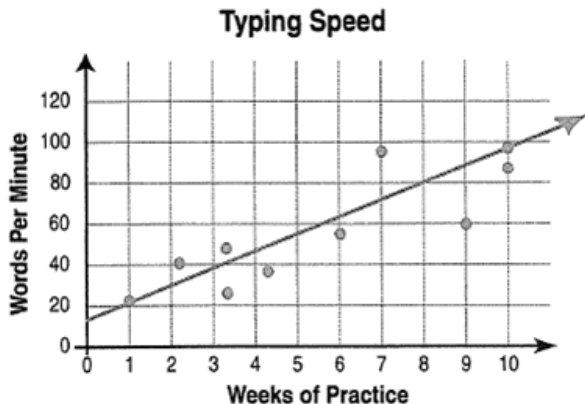
6. Using a light microscope

- | | |
|---|--|
| 1. Place the microscope on a flat surface and switch on the light (or tilt the mirror) and ensure the stage is fully down. | 5. Rotate the coarse focusing knob until an image is seen. |
| 2. Turn to the smallest objective lens (usually x4). | 6. Use the fine focusing knob to get a clear image. |
| 3. Place the specimen on the slide and cover with a cover slip. This protects the specimen and the objective lens. Always hold the edges of the slide and handle with care to avoid cuts. | 7. Turn the objective lens to the x10 magnification objective lens and adjust with the fine focusing knob. |
| 4. Place the slide on the microscope stage and secure with the clips. | 8. If possible, turn to the x40 objective lens. Again, only use the fine focusing knob to achieve a clear image. |



Science		Forces		CYCLE 1	YEAR 7																
1. Mass and weight		3. The Solar system																			
<p>Mass and weight are different but related. Mass is a property of the object; weight depends upon mass but also on gravitational field strength.</p> <p>Every object exerts a gravitational force on every other object. The force increases with mass and decreases with distance. Gravity holds planets and moons in orbit around larger bodies. On Jupiter your weight would be more than on earth because it has more gravity: but your mass would be the same on both.</p> <p>Weight can be calculated by using the formula:</p> <p>weight (in N) = mass (in kg) x gravitational field strength (in N/kg)</p> <p>Weight: The force of gravity on an object (N).</p> <p>Mass: The amount of stuff in an object (kg).</p> <p>Gravitational field strength, g: The force from gravity on 1 kg (N/kg), g on Earth = 10 N/kg but on the moon it is only 1.6 N/kg.</p> <p>Field: The area where other objects feel a gravitational force.</p> <p>Non-contact force: One that acts without direct contact.</p>		<p>The solar system consists of the Sun at the centre, with 8 planets and smaller objects such as asteroids and comets in orbit around it.</p>																			
		<table><tr><td>Mercury</td><td>Mercury is the closest to the Sun and Neptune the furthest</td></tr><tr><td>Venus</td><td>Neptune takes the longest time to orbit the Sun and Mercury the shortest</td></tr><tr><td>Earth</td><td>Jupiter is the largest planet</td></tr><tr><td>Mars</td><td>Jupiter has 63 moons</td></tr><tr><td>Jupiter</td><td>The red spot on Jupiter is a storm bigger than the Earth</td></tr><tr><td>Saturn</td><td>Neptune is the coldest of the eight planets</td></tr><tr><td>Uranus</td><td>Earth is the only planet (that we know of) that has life on it</td></tr><tr><td>Neptune</td><td>Pluto is further away than Neptune and is a dwarf planet</td></tr></table>				Mercury	Mercury is the closest to the Sun and Neptune the furthest	Venus	Neptune takes the longest time to orbit the Sun and Mercury the shortest	Earth	Jupiter is the largest planet	Mars	Jupiter has 63 moons	Jupiter	The red spot on Jupiter is a storm bigger than the Earth	Saturn	Neptune is the coldest of the eight planets	Uranus	Earth is the only planet (that we know of) that has life on it	Neptune	Pluto is further away than Neptune and is a dwarf planet
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		<p>This sentence is a way to remember the correct order:</p> <p>My Very Enthusiastic Mother Just Served Us Noodles!</p>																			
2. Balancing forces		4. Days and nights																			
<table><tr><th>Balanced force</th><th>Unbalanced force</th></tr><tr><td>Equal and opposite forces</td><td>When two forces acting on an object are NOT EQUAL.</td></tr><tr><td>An object that is not moving stays still (stationary)</td><td>An object that is not moving starts to move</td></tr><tr><td>An object that is moving continues to move at the same speed and in the same direction</td><td>An object that is moving changes speed (accelerating /negative accelerating) or direction</td></tr></table>		Balanced force	Unbalanced force	Equal and opposite forces	When two forces acting on an object are NOT EQUAL.	An object that is not moving stays still (stationary)	An object that is not moving starts to move	An object that is moving continues to move at the same speed and in the same direction	An object that is moving changes speed (accelerating /negative accelerating) or direction	<p>A planet spins on its axis as it orbits the Sun. A day is the time it takes for a planet to turn once on its axis. An Earth day is 24 hours long</p>											
Balanced force	Unbalanced force																				
Equal and opposite forces	When two forces acting on an object are NOT EQUAL.																				
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		<p>The Sun lights up one-half of the Earth, and the other half is in shadow. As the Earth spins, we move from shadow to light and back to shadow and so on.</p>																			
		<p>The Sun appears to move from east to west. This is because the Earth turns from west to east.</p>		<p>The Sun appears to:</p> <ul style="list-style-type: none">• Rise in the east• Set in the west• Be due south at midday																	
		<p>One way to remember which way the Earth turns is to remember ‘we spin’, which means that we (the Earth) spins from west to east.</p>																			

Science		Particles and Solutions		CYCLE 1	YEAR 7
1. Particle model					
Properties of solids, liquids and gases can be described in terms of particles in motion but with differences in the arrangement and movement of these same particles: closely spaced and vibrating (solid), in random motion but in contact (liquid), or in random motion and widely spaced (gas).					
Observations where substances change temperature or state can be described in terms of particles gaining or losing energy. A substance is a solid below its melting point, a liquid above it, and a gas above its boiling point.					
Particle: A very tiny object such as an atom or molecule, too small to be seen with a microscope. Particle model: A way to think about how substances behave in terms of small, moving particles. Diffusion: The process by which particles in liquids or gases spread out through random movement from a region of high concentration to a region of low concentration. Gas pressure: Caused by collisions of particles with the walls of a container. Density: How much matter there is in a particular volume, or how close the particles are.					
2. Properties of solids, liquids and gases					
<u>Solids</u>	<u>Liquids</u>	<u>Gases</u>			
Have a fixed shape	Take the shape of their container	Take the shape of their container			
Have a fixed volume	Have a fixed volume	Don't have a fixed volume			
Cannot be compressed	Cannot be compressed	Can be compressed easily			
Cannot flow	Can flow	Can flow			
					
3. Separating mixtures					
Pure substance: Single type of material with nothing mixed in. Mixture: Two or more pure substances mixed together, whose properties are different to the individual substances.					
Solvent: A substance, normally a liquid, that dissolves another substance. Solute: A substance that can dissolve in a liquid. Dissolve: When a solute mixes completely with a solvent. Solution: Mixture formed when a solvent dissolves a solute. Soluble (insoluble): Property of a substance that will (will not) dissolve in a liquid. Solubility: Maximum mass of solute that dissolves in a certain volume of solvent.					
Filtration: Separating substances using a filter to separate an insoluble solid from a filtrate (solution). e.g. separating sand and water				Distillation: Separating substances by boiling and condensing liquids. e.g. separating water and alcohol	
Evaporation: A way to separate a solid dissolved in a liquid by the liquid turning into a gas. e.g. separating water from salt water				Chromatography: Used to separate different coloured substances. e.g. separating different dyes in ink	
					
4. Changes of state					
Evaporate: Change from liquid to gas at the surface of a liquid, at any temperature.					
Boil: Change from liquid to a gas of all the liquid when the temperature reaches boiling point.					
Condense: Change of state from gas to liquid when the temperature drops to the boiling point.					
Melt: Change from solid to liquid when the temperature rises to the melting point.					
Freeze: Change from liquid to a solid when the temperature drops to the melting point.					
Sublime: Change from a solid directly into a gas.					

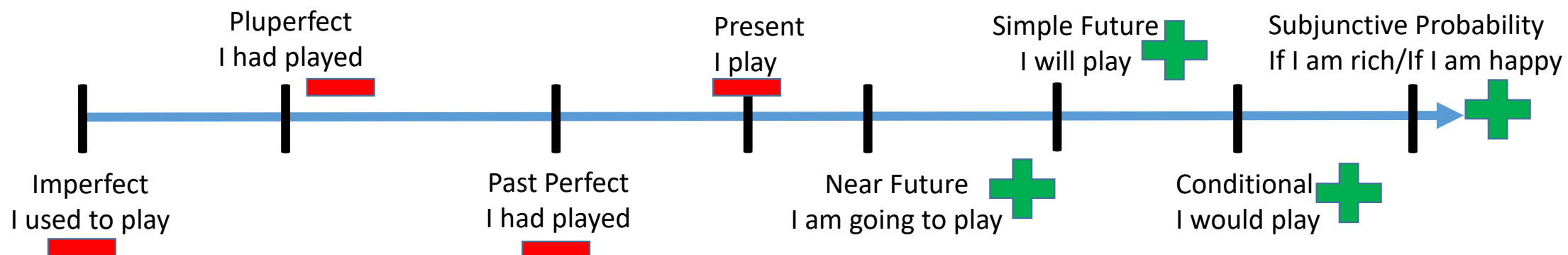
Science		Science Skills		CYCLE 1	YEAR 7														
<h3>1. Equipment</h3> <div><div><p><u>Heat proof mat</u></p><p>Protects the desk from spills or heat damage</p></div><div><p><u>Bunsen burner</u></p><p>Air hole open = blue flame</p><p>Air hole closed = safety flame</p><p>Only pick it up by the blue base</p></div><div><p><u>Tripod</u></p><p>Holds equipment safely above a Bunsen burner</p></div><div><p><u>Gauze</u></p><p>Goes on top of the tripod, beakers can then be placed safely on top</p></div><div><p><u>Beaker</u></p><p>Used to carry out reactions in.</p><p>Can also be heated</p></div><div><p><u>Measuring cylinder</u></p><p>Used to accurately measure a volume of liquid</p></div><div><p><u>Thermometer</u></p><p>Used to measure the temperature of liquids</p></div></div>		<h3>2. Table of results</h3> <p>When drawing a table of results you need to remember 5 rules;</p> <ol style="list-style-type: none">1. Use a ruler and a sharp pencil to draw your table.2. Make sure that there is space for all of your data (inc. repeats and a mean if necessary).3. Include headings with units (if required).4. Complete the table with the data.5. Calculate the mean if required. <table><tr><th rowspan="2">Independent variable (units)</th><th colspan="4">Dependent variable (units)</th></tr><tr><th>1st time</th><th>2nd time</th><th>3rd time</th><th>Mean</th></tr><tr><td>XX</td><td>22</td><td>23</td><td>23</td><td>22.7</td></tr></table> <p>To calculate the mean average add up all the results (22+23+23) = 68</p> <p>Then divide by the number of test you did 68/3 = 22.666666</p>		Independent variable (units)	Dependent variable (units)				1 st time	2 nd time	3 rd time	Mean	XX	22	23	23	22.7	<h3>4. Conclusion</h3> <p>In the conclusion you need to explain what your results have shown you.</p> <p>For instance: In my experiment I found out that as X increases, Y decreases.</p> <p>e.g. From the graph in section 3, the conclusion would be:</p> <p>As the number of weeks practice increases the number of words typed per minute increases, up to a maximum of 100 words per minute.</p> <h3>5. Graphs</h3> <p>Continuous variable: Has values that can be any number.</p> <p>Discontinuous variable: Has values that are words or discrete numbers.</p> <p>Bar chart/column graph: Displays the values of categories.</p> <p>Line graph: Shows the relationship between two continuous variables.</p> <p>Pie chart: Shows the proportions or percentages that make up a whole.</p> <p>Line of best fit: A straight or curved line drawn to show the pattern of data points.</p> <h3>6. Variables</h3> <p>Scientific enquiries: Different ways to investigate including observation over time, fair test and pattern seeking.</p> <p>Variable: A factor that can be changed, measured and controlled.</p> <p>Independent variable: What you change in an investigation to see how it affects the dependent variable.</p> <p>Dependent variable: What you measure or observe in an investigation.</p> <p>Control variable: What needs to be kept the same throughout the experiment</p> <h3>7. How to light a Bunsen burner</h3> <div><div><ol style="list-style-type: none">1. Connect hose to gas tap2. Make sure the air hole is closed3. LIGHT THE MATCH and place near the top of the Bunsen burner4. Turn on gas LAST</div><div></div></div>	
Independent variable (units)	Dependent variable (units)																		
	1 st time	2 nd time	3 rd time	Mean															
XX	22	23	23	22.7															
		<h3>3. Graphs</h3> <p>When drawing a table of results you need to remember 5 rules;</p> <ol style="list-style-type: none">1. Use a pencil and ruler to draw the axes.2. Label both axes, including units if required.3. Make sure each scale goes up in even amounts.4. Plot all points carefully.5. Draw a line-of-best-fit as close to all the points as possible. The line-of-best-fit may be a straight line or a curve. <div></div>																	

French			Key Information				CYCLE 1		All Years				
Les jours de la semaine		Les nombres en français								French SPAG marking			
		0 zero		10 dix		20 vingt		30 trente					
lundi		1 un		11 onze		21 vingt-et-un		31 trente-et-un					
mardi		2 deux		12 douze		22 vingt-deux		32 trente-deux					
mercredi		3 trois		13 treize		23 vingt-trois		33 trente-trois					
jeudi		4 quatre		14 quatorze		24 vingt-quatre		34 trente-quatre					
vendredi		5 cinq		15 quinze		25 vingt-cinq		35 trente-cinq					
samedi		6 six		16 seize		26 vingt-six		36 trente-six					
dimanche		7 sept		17 dix-sept		27 vingt-sept		37 trente-sept					
		8 huit		18 dix-huit		28 vingt-huit		38 trente-huit					
		9 neuf		19 dix-neuf		29 vingt-neuf		39 trente-neuf					
Les mois		40 quarante		50 cinquante		60 soixante		70 soixante-dix					
		41 quarante-et-un		51 cinquante-et-un		61 soixante-et-un		71 soixante-onze					
		42 quarante-deux		52 cinquante-deux		62 soixante-deux		72 soixante-douze					
		43 quarante-trois		53 cinquante-trois		63 soixante-trois		73 soixante-treize					
		44 quarante-quatre		54 cinquante-quatre		64 soixante-quatre		74 soixante-quatorze					
		45 quarante-cinq		55 cinquante-cinq		65 soixante-cinq		75 soixante-quinze					
		46 quarante-six		56 cinquante-six		66 soixante-six		76 soixante-seize					
		47 quarante-sept		57 cinquante-sept		67 soixante-sept		77 soixante-dix-sept					
		48 quarante-huit		58 cinquante-huit		68 soixante-huit		78 soixante-dix-huit					
		49 quarante-neuf		59 cinquante-neuf		69 soixante-neuf		79 soixante-dix-neuf					
		80 quatre-vingt				90 quatre-vingt-dix							
		81 quatre-vingt-et-un				91 quatre-vingt-onze							
		82 quatre-vingt-et-deux				92 quatre-vingt-douze							
		83 quatre-vingt-et-trois				93 quatre-vingt-treize							
		84 quatre-vingt-et-quatre				94 quatre-vingt-quatorze							
		85 quatre-vingt-et-cinq				95 quatre-vingt-quinze							
		86 quatre-vingt-et-six				96 quatre-vingt-seize							
		87 quatre-vingt-et-sept				97 quatre-vingt-sept							
		88 quatre-vingt-et-huit				98 quatre-vingt-dix-huit							
		89 quatre-vingt-et-neuf				99 quatre-vingt-dix-neuf							
		100 cent		600 six cents		105 cent cinq		1,001 mille et un		74,000 soixante-quatorze mille			
		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			
		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 époustouflant = 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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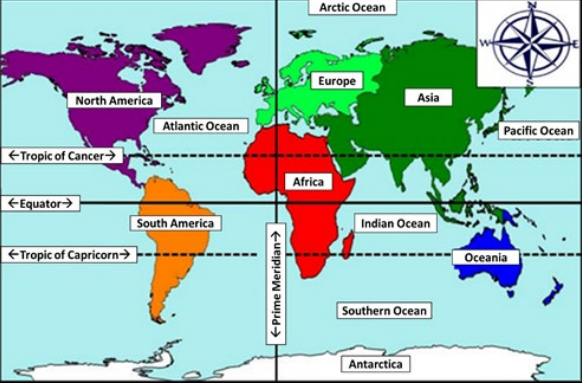
Present Tense Regular Verbs								
ER verb habiter = to live			IR verb finir = to finish			RE verb attendre = to wait		
Je (J')	habit e	<i>I live</i>	Je (J')	fin is	<i>I finish</i>	Je (J')	attend s	<i>I wait</i>
Tu	habit es	<i>You live (s/informal)</i>	Tu	fin is	<i>You finish (s/informal)</i>	Tu	attend 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>

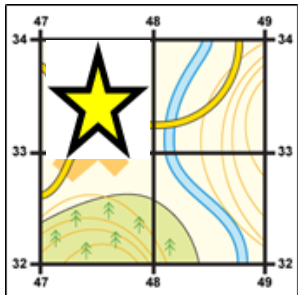
Present Tense Irregular Verbs											
avoir = to have			être = to be			faire = to do			aller = to visit		
Je (J')	ai	<i>I have</i>	Je (J')	suis	<i>I am</i>	Je (J')	fais	<i>I do</i>	Je (J')	vais	<i>I go</i>
Tu	as	<i>You have (s/informal)</i>	Tu	es	<i>You are (s/informal)</i>	Tu	fais	<i>You do (s/informal)</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>



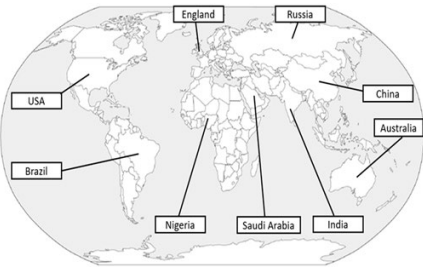
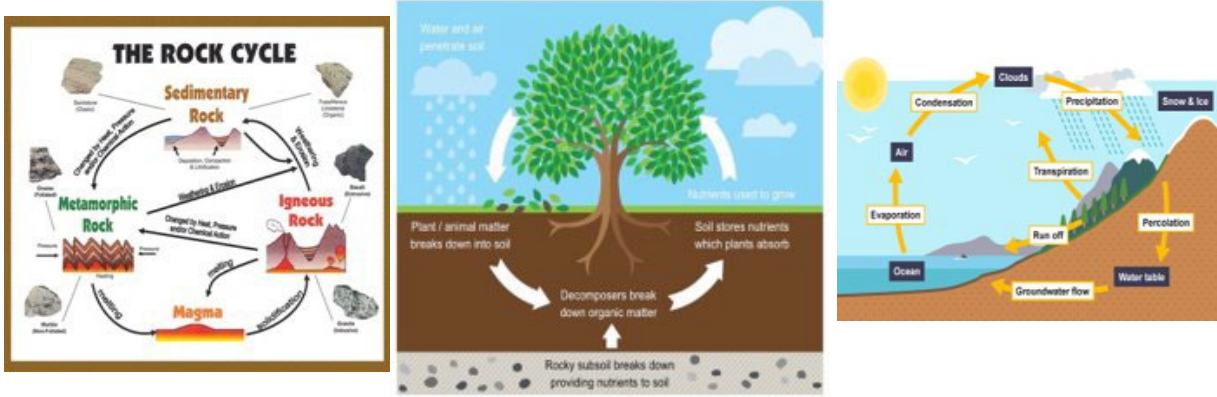
French						Verbs						CYCLE 1			All Years								
Present Tense			Past Perfect			Immediate Future			Conditional			Simple Future			Past Imperfect			Past Pluperfect			Perfect Conditional		
INFINITIVE: aller = to go (Irregular)																							
I am going / I go			I have gone / I went			I am going 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				Introduction				CYCLE 1		Year 7	
Week 1		Week 2				Week 3					
Introductions		Introductions				Numbers					
Bonjour/ salut	Hello/hi	Comme ci comme ça		So so		un	one	onze	eleven		
Je m'appelle	I am called	Bof!		Whatever!		deux	two	douze	twelve		
J'ai ... ans	I am... years old	Bien/mal		Good/bad		trois	three	treize	thirteen		
Mon anniversaire est le	My birthday is	Très bien/mal		Very good/bad		quatre	four	quatorze	fourteen		
Comment appelles-tu?	What's your name	Génial		Great		cinq	five	quinze	fifteen		
Comment ça va?	How are you?	Affreux		Awful		six	six	seize	sixteen		
Oui/non	Yes/no	Quelle âge as-tu?		How old are you?		sept	seven	dix-sept	seventeen		
Merci beaucoup	Thanks a lot	Où habites-tu?		Where do you live?		huit	eight	dix-huit	eighteen		
Au revoir	Bye	As-tu des animaux?		Do you have any animals?		neuf	nine	dix-neuf	nineteen		
Ça va bien/mal	It's going well/bad	Comment ça va?		How are you?		dix	ten	vingt	twenty		
Week 4		Week 4				Week 5					
Numbers		Months/ Days of the week				Verb Avoir		Verb Etre			
vingt	20	janvier	January	lundi	Monday	J'ai	I have	Je suis	I am		
trente	30	février	February	mardi	Tuesday	Tu as	You have	Tu es	You are		
quarante	40	mars	March	mercredi	Wednesday	Il/elle a	He/she has	Il/elle est	He/she is		
cinquante	50	avril/mai	April/May	jeudi	Thursday	Nous avons	We have	Nous sommes	We are		
soixante	60	juin/juillet	June/July	vendredi	Friday	Vous avez	You have	Vous êtes	You are		
soixante-dix	70	août	August	samedi	Saturday	Ils/ elles ont	They have	Ils sont	They are		
quatre-vingt	80	septembre	September	dimanche	Dimanche	C'est	It is	C'était	It was		
quatre-vingt-dix	90	octobre/ novembre	October/ November	la semaine	The week	Il y a	There is	Il y avait	There was		
cent	100	décembre	December	le mois	The months	J'avais	I had	J'étais	I was		


French				Introduction				CYCLE 1		Year 7	
Week 6						Week 7					
Pets		Colours		Descriptions		Plural Pets		Plural colours			
un chat	a cat	bleu/bleue	blue	mignon (e)	cute	les oiseaux	birds	bleus/bleues	blue		
un chien	a dog	blanc/blanche	white	timide	shy	les chiens	dogs	blancs/blanches	white		
un oiseau	a bird	noir/noire	black	rapide	fast	les chats	cats	noirs/noires	black		
un cheval	a horse	rouge	red	lent/lente	slow	les chevaux	horses	rouges	red		
une tortue	a tortoise	jaune	yellow	vicieux/vicieuse	vicious	les serpents	snakes	jaunes	yellow		
un cochon d’inde	a guinea pig	orange/marron	orange/brown	féroce	ferocious	les souris	mice	orange/marron	orange/brown		
un poisson	a fish	vert/verte	green	amusant (e)	fun	les araignées	spiders	verts/vertes	green		
un lapin	a rabbit	rose	pink	affectueux (euse)	affectionate	les lapins	rabbits	rose	pink		
une souris	a mouse	violet/violette	purple	agaçant (e)	annoying	les tortues	tortoises	violets/violettes	purple		
une araignée	a spider										
Week 8		Week 9				Week 10 and Week 11		Week 12			
Physical description		Relationships				Personality		Opinions			
les cheveux	hair	mon père	my dad			gentil/gentille	kind	J’aime	I like		
les yeux	eyes	ma mère	my mum			méchant/méchante	nasty	Je n’aime pas	I don’t like		
petit (e)/grand (e)	short / tall	mon frère	my brother			paresseux/paresseuse	lazy	J’adore	I love		
de taille moyenne	of average height	ma soeur	my sister			timide/bavard (e)	shy/chatty	Je déteste	I hate		
gros/ mince	fat / thin	mon oncle	my uncle			drôle/sympa	funny/kind	C’est	It is		
barbe/moustache	beard / moustashe	ma tante	my auntie			actif/active	active	Ce n’est pas	It is not		
joli (e)/ laid (e)	pretty / ugly	mon grand-père/ma grand-mère	my grandad			ennuyeux/ennuyeuse	boring	J’aimais	I used to like		
belle/beau/moche	pretty / handsome / ugly	mon cousin/ma cousine	my cousin			marrant/marrante	funny	Je détestais	I used to hate		
élegant/élégante	elegant	mon ami	my friend			généreux/généreuse	generous	C’était	It was		
jeune/vieux	young / old					travailleur/travailleuse	hardworking	Je voudrais avoir	I would like		
*Week 13 full test: Revise all the previous weeks complete RCWC on week 11											

Geography		Geographical skills	CYCLE 1	YEAR 7
Box	Key Knowledge to learn			
1 – Key Terms	<p>Geography – the study of the Earth and its people</p> <p>Physical Geography - the study of natural features e.g. mountains, volcanoes, oceans</p> <p>Human Geography - the study of human activity e.g. economics, culture</p> <p>Environmental Geography - the study of interactions between people and nature e.g. climate change</p> <p>Social – The study of people</p> <p>Economic – The study of money</p> <p>Environmental – The study of physical landscapes around us e.g. animals, plants</p>			
2 – Map Skills	<p>A compass are important to show us which way we are going. T A good way to remember these points is a saying "Never East Shredded Wheat"</p> <p>There 8 compass points to read from.</p> <p>Reading a compass clockwise > north > north east > east > south east > south > south west > west > north west > north</p> <p>Contour lines > imaginary lines on maps > show how high land is above sea level > lines close together on map means land is steep in real life</p> <p>Measuring Distance on a map > To measure the straight-line distance is easy > You get a ruler and simply measure the distance between the two points > Then compare it to the scale at the bottom of the map page to find out how far it is in real life.</p> <p>grid references > used to find places on maps Golden rule for reading a grid reference is > 'Bottom left corner, along the corridor, up the stairs'.</p> <p>Grid reference of star is > 4733</p>			
3 – Global Geography	<p>Capital City - often the largest city and where the government is located</p> <p>City - is a large human settlement. It can be defined as a permanent and densely settled place</p> <p>Country - a nation with its own government, occupying a territory</p> <p>Continent - any of the world's main continuous expanses of land</p> <p><u>Continents and Oceans Map</u></p> <p>7 continents: Europe, Africa, Asia, Oceania, North America, South America, Antarctica</p> <p>5 oceans: Arctic, Atlantic, Indian, Pacific, Southern</p>			



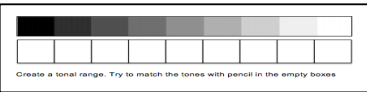
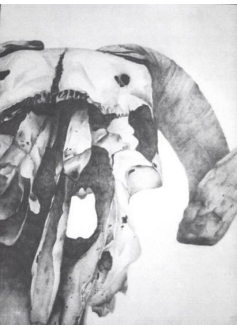
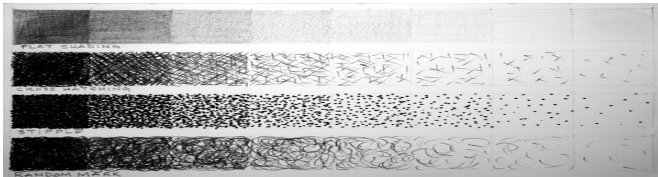





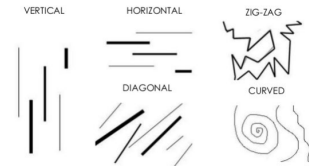

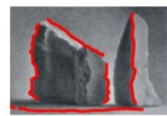


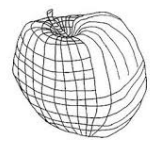
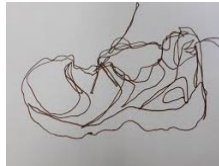

	Geography	Geographical skills	CYCLE 1	YEAR 7
Box	Key Knowledge to learn			
4 – UK and Europe	<p>British Isles - 5 nations > Scotland (capital Edinburgh), England (capital London), Wales (capital Cardiff), Northern Ireland (capital Belfast), Republic of Ireland (capital Dublin)</p> <p>Great Britain - 3 nations > Scotland (capital Edinburgh), England (capital London), Wales (capital Cardiff)</p> <p>United Kingdom - 4 nations > Scotland (capital Edinburgh), England (capital London), Wales (capital Cardiff), Northern Ireland (capital Belfast)</p> <p>Seas around the British Isles - North Sea (east of England), English Channel (south of England), Irish Sea (west of England), Atlantic Ocean (west of British Isles)</p> <p>Europe - continent > large area of land > north of Equator > bordered by Arctic Ocean and Atlantic Ocean > countries such as the UK, Norway and Spain are located in the continent of Europe</p> <p>European Union - a group of 27 countries following similar laws à the UK left the EU on the 31st January 2020 (BREXIT)</p>			
5 – Lines of Latitude and Longitude	<p>Latitude - imaginary horizontal lines around the Earth à show how far north or south a place is from Equator</p> <p>Longitude - imaginary vertical lines around the Earth > show how far east or west a place is from Prime Meridian</p> <p>Equator - line of latitude > separates Northern Hemisphere from Southern Hemisphere > 0° latitude</p> <p>Tropic of Cancer - line of latitude > north of Equator > 23.5° N</p> <p>Tropic of Capricorn - line of latitude > south of Equator > 23.5° S</p> <p>Prime Meridian - line of longitude > separates Eastern Hemisphere from Western Hemisphere > 0° longitude</p> <p>Northern Hemisphere - everything north of Equator</p> <p>Southern Hemisphere - everything south of Equator</p>			
6 – Cycles	<p>The Rock Cycle - There are three main types of rock: igneous (for example, basalt and granite), sedimentary (for example, limestone, sandstone and shale) and metamorphic (for example, slate and marble). Rocks are continually changing because of processes such large earth movements and are recycled over millions of years.</p> <p>The Water Cycle - The water cycle, also known as the hydrologic cycle or the hydrological cycle, describes the continuous movement of water on, above and below the surface of the Earth</p> <p>The Nutrient Cycle - The nutrient cycle is nature's recycling system. Materials such as carbon, nitrogen and water are recycled in the ecosystem. When organisms die, decomposition will recycle minerals and nutrients back to the environment.</p>			

History		The Norman Conquest		Cycle 1	Year 7
BOX	Key Knowledge to learn				
SECTION A – Key Terms	<ul style="list-style-type: none">• Cause - Every historical event occurred because of a series of events that happened beforehand. Things that directly lead to another event are called ‘Causes’. Some causes occurred immediately before the event began, while others existed for several years before they caused the event.• Consequence - a result or effect, typically one that is unwelcome or unpleasant.• Diversity – different experiences and outcomes depending on a persons social, economic or religious background• Significance – the quality of being worthy of attention; importance.• Change - make (someone or something) different; alter or modify.• Continuity - when something or someone stays the same for a long period of time			<ul style="list-style-type: none">• Barons – nobles who fought for William at Hastings and were rewarded with large areas of land to control for him• Domesday Book – A record of all land and property completed in 1086• Feudalism – Norman way of organising society so that everyone is loyal to the king• Knights – Soldiers who were given land in the Feudal system• Peasants – Ordinary people, who worked on the land had to serve their feudal master often a knight	
	Harold Godwinson had defeated Harold Hardrada at the Battle of Stamford Bridge on 25 September 1066. Three days later, William of Normandy invaded England, seeking to claim the throne. William and Harold fought at the Battle of Hastings on 14 October. William was victorious and was crowned King of England on Christmas Day, 1066.				
SECTION B – The Battle of Hastings		Harold’s Army	William’s Army	What happened during the battle of Hastings?	
	Types of soldiers	Harold’s army was largely made up of the fyrd and housecarls.	William had a range of soldiers available to him: cavalry, archers and foot soldiers.	<ul style="list-style-type: none">• The Battle of Hastings began at 9am on 14 October 1066. Harold’s army was lined up at the top of Senlac Hill, forming a shield wall facing down against William’s army. At the start of the battle, William’s archers fired their arrows up towards Harold’s army but were struggling to break through the shield wall.• William’s cavalry then tried to charge up the hill, but they also could not break past the defensive line and were beaten back by Harold’s men.• A rumour spread through the Norman army that William had been killed, but he lifted his helmet and rode past his troops to show them he was still alive.• Harold’s position was looking strong, but William ordered his soldiers to advance part way up the hill and then pretend to retreat.• Harold’s remaining soldiers lost motivation when news of his death spread across the battlefield. Some fled, and the ones who stayed to fight were left with little hope.	
	Size	It is believed Harold had between 7,000 and 8,000 soldiers at Hastings.	Most historians think William’s army was also between 7,000 and 8,000 soldiers.		
	Energy	Harold’s army were tired from just defeating Harald Hardrada at Stamford Bridge.	William’s army were well-rested and ready for battle.		
Section C – The Consequences of the Battle of Hastings	Why did William win? Tiredness: Harold’s army had to march north to fight Harald Hardrada at Stamford Bridge, before turning back to march to the south to face William at Hastings. Many of the English army had been killed and the those who were left would have been extremely tired. Tactics: William’s army pretended to retreat, tempting Harold’s army into losing their strong defensive position to run after them. William’s army was then able to turn round and attack Harold’s weakened position. Army strength: William had a greater range of soldiers for the battle. As well as foot soldiers, he had a cavalry and more skilled archers. This gave his side a big advantage in the range of tactics and attacks they could carry out. Leadership: William was on horseback and had an overview of the whole battlefield. When a rumour went round his army that he had been killed, he lifted his helmet to show them he was still alive. In contrast, Harold was on foot and was unable to stop his army losing their discipline and chasing down Senlac Hill after William’s retreating soldiers. What happened after the Battle of Hastings? Winning the Battle of Hastings was only the beginning of the Norman Conquest. It was a turbulent time for England, with three kings in one year. After William won the Battle of Hastings, his army had to capture and subdue towns across the southeast. The Normans were not welcomed with open arms, suggesting that many English people were not happy about the change in leadership.				

History		Eleanor of Aquitaine	Cycle 1	Year 7
SECTION D – William's methods of control	<p>William is remembered as a harsh king. During his reign, William crushed rebellions, overhauled society and built a series of imposing castles across England to establish control.</p> <p>The Harrying of the North</p> <ul style="list-style-type: none"> Many Anglo-Saxons opposed the Norman Conquest and William faced a series of rebellions. They were posing a real challenge to William's control of the north of England. William defeated the rebellion, but he still didn't trust the rebels. He came to an agreement with the Danes, paying them to leave the country if they left without a fight. He was significantly less lenient with the English. In the north-east of England, from 1069 to 1070, William ordered villages to be burned to the ground, farm animals to be slaughtered, and crops to be destroyed. This is called the Harrying of the North. Thousands of people were killed and many more died of starvation over the next few years. There is some uncertainty over how many people were killed, but the Domesday Book shows the population in the North decreased by 75%. People were either killed, died of starvation or moved away. <p>The Feudal System - The feudal system shows the hierarchy of different groups of people in medieval society.</p> <ul style="list-style-type: none"> The king was at the top of society, and therefore at the top of the feudal system. To manage this, he gave large areas of land to noblemen, including the clergy, lords and barons, in return for them raising him money and an army. The nobility were below the king in the hierarchy. They would distribute some of their land to knights, who would raise an army to fight for the king when needed. Noblemen would also let peasants live and work on the land, in return for taxes and food. The nobility became wealthy from rent raised from peasants they let farm on the land. Peasants were the largest and lowest group in medieval society, making up over 90% of the population. Most peasants were villeins and they were at the bottom of the system. <p>The Domesday Book</p> <ul style="list-style-type: none"> The Domesday Book was a survey of England to establish what every person owned. This helped William establish control over England and raise taxes. 			
	<p>William rewarded his loyal supporters with large areas of land in England, which helped him control the country. The Norman conquerors were unpopular with many people in England, so they quickly built motte-and-bailey castles all over the country to protect themselves and send out a warning to people that they were here to stay and keep control.</p> <ul style="list-style-type: none"> Castles were built in prominent positions, on high ground overlooking villages or towns. These imposing structures would have been the largest buildings people in medieval England had ever seen. William hoped the building of castles across England would intimidate people into accepting the Norman conquest. <p>Motte and Bailey Castles</p> <p>Motte-and-bailey castles were built from wood and the keep was constructed on top of a small hill, called a motte. At the bottom of the motte, was a bailey, which was an enclosed group of houses and farmland for soldiers and workers to live in. These castles were protected by a palisade, which was a tall wooden fence, and they usually had a ditch or moat around them. The Normans built these castles on the tops of hills so that they would look imposing and intimidating.</p> <p>These castles weren't built to last a long time, but they could be built quickly within a few days. It is estimated over five hundred motte-and-bailey castles were built in the two years after the Norman conquest.</p> 			
SECTION F – Eleanor of Aquitaine	<p>Who was Eleanor of Aquitaine?</p> <ul style="list-style-type: none"> Eleanor was the elder daughter of William, tenth Duke of Aquitaine. She was raised in one of Europe's most cultured courts and given an excellent education. She later became an important patron of poets and writers. The death of Eleanor's only brother, and of her father in 1137, left her with a vast inheritance. At just 15-years-old, she had suddenly become the most eligible heiress in Europe. That same year she married Louis, heir to Louis VI of France, who shortly afterwards became king as Louis VII. The couple had two daughters. <p>Why was she an influential figure?</p> <ul style="list-style-type: none"> In 1147, Eleanor accompanied her husband on the Second Crusade, travelling to Constantinople and Jerusalem. The Crusade was a failure and relations between Eleanor and her husband, already poor, deteriorated even further. Louis soldier's respected Eleanor more and saw her as a better leader. Eleanor's failure to produce a son contributed considerably to this tension, and in 1152 they were divorced. Two months later Eleanor married Henry of Anjou, who in 1154 became king of England. The couple had five sons and three daughters. Eleanor played an active part in the running of Henry's empire, travelling backwards and forwards between their territories in England and France. In 1173 two of Eleanor's sons involved her in a plot against their father, and as a result Henry imprisoned her. After Henry's death in 1189, his eldest son, Richard I, ordered his mother's release. In 1190, she acted as regent in England when Richard went to join the Third Crusade. She even played her part in negotiations for his release after he was taken prisoner in Germany on his way home. 			

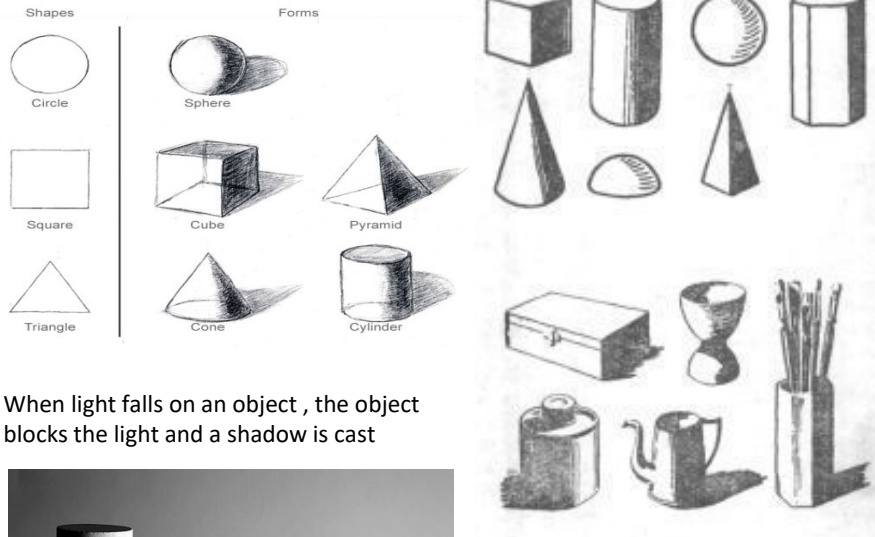
RE		Belief in God	Cycle 1	Year 7
Week	Key Knowledge to learn			
1 – Key terms	<ul style="list-style-type: none"> • Opinion – a personal thought/feeling about something • Fact – Something that is factually true • Beliefs – Beliefs are what we accept as true but without always having proof or evidence. • Values - Values are things that we attach importance to and live • Atheism – When a person does not believe that God exists • Agnosticism – When a person is unsure whether God exists • Inconsistent Triad – The idea that as long as evil exists God cannot be both all loving and all powerful • Benevolent - God is all loving • Omnipotent - God is all powerful 			
2- Beliefs and values	<ul style="list-style-type: none"> • Our beliefs are what we accept as true but without always having proof or evidence. Beliefs are assumptions we make about the world. Our values come from these beliefs. • Our personal values are things that we attach importance to and live by e.g. equality, wisdom and compassion. Values define who we are as individuals and can say a lot about a person. <p>5 British values are:</p> <ul style="list-style-type: none"> • Democracy. A form of government. The word comes from the two Greek words that mean “rule by the people.” In a democracy the people choose their government through voting. • Rule of law. The laws of a country must be obeyed by everyone including the government and those who make the law. • Individual liberty means having the freedom to make our own choices and do what we want within the constraints of the law. • Mutual respect. is understanding that we don’t share the same beliefs and values but that are prepared to listen and appreciate others views and values • Tolerance is the willingness to accept values attitudes and beliefs that are different from your own. 			
3 – Belief in God	<ol style="list-style-type: none"> 1. Religious believers say they do not need proof that God is real – the whole point is to have faith <u>without</u> scientific evidence. 2. Some religious people think they can prove God is real, using evidence for Holy Books <ul style="list-style-type: none"> • The Muslim Holy Book is the Qur’an. • The Christian Holy Book is the Bible. • Hindu Holy Book is called the Vedas • Jewish Holy Book is called the Torah. • Buddhist Holy Book is the Tripitaka or Pali Canon. • Sikh Holy Book is called the Guru Granth Sahib. 			

RE		Belief in God	Cycle 1	Year 7
Week	• Key Knowledge to learn			
4 – Belief in God and its influence on believers	<p>An influence is when someone's thoughts and actions are changed by something they believe.</p> <p>Belief in God influences religious people in many ways:</p> <ul style="list-style-type: none"> • It influences them to be patient in times of suffering like the prophets • It influences them to be kind to others and follow teachings such as the Golden Rule. "Do to others as you would like them to do to you." • It influences them to get closer to God for all he's done for them and this might be done through regular prayer and worship. • It influences them to show gratitude to God for all that they have been provided with. • It influences them to try to follow religious teachings so that they are rewarded in the next life. 			
5 – Scientific and religious explanations of how life came to be on Earth. The Big Bang theory	<p>An atheist is someone who does not believe in God. A theist is someone who believes in God. An agnostic is someone who is unsure about whether God exists or not. Atheists, agnostics and many theists accept the ideas of science when explaining the origins of the earth and the universe.</p> <p>The main scientific explanation for the creation of the Universe is the Big Bang Theory. 14 billion years ago, the matter of the universe became so compressed that it produced a huge explosion. Scientists say that at the moment of the Big Bang, space, energy and all of the building blocks of life came into existence.</p> <p>The Big Bang theory influences some people to doubt God is exists as they say that science can explain the existence of the Universe and Earth without God.</p> <ul style="list-style-type: none"> • Some religious believers do not accept this scientific theory. They argue that their Holy Books are the only source of knowledge that can be used to explain the existence of the Universe. They are sometimes known as creationists or literalists • Other religious believers say that the Big Bang theory and their creation stories agree in many ways. For example the Book of Genesis in the Bible says that light was the first thing to exist/ be created just like the Big Bang Theory explains. • Some religious believers accept the scientific view. They argue that science explains how creation occurred whilst religion says why. 			
6 – Scientific explanation of how life came to be on Earth Darwin's theory of evolution	<p>Charles Darwin was born in England in 1809. He was a scientist who became famous for his scientific theory of evolution.</p> <p>Darwin's most famous book was the Origin of the Species which was published in November 1859.</p> <p>Evolution was Darwin's theory that life develops from simple to more complex forms and adapts to the environment in which it lives. Darwin suggested that Natural Selection was the process by which life forms adapt successfully to their environment. Those that don't become extinct.</p> <p>Darwin's theories are used by many atheists as strong evidence that God does not exist as he was not needed for creation.</p> <p>Many religious believers do not accept the views of Darwin and use their Holy Books as their evidence for how humans were created.</p> <p>Some religious people argue that science might explain how the humans were created but religions explains why.</p>			

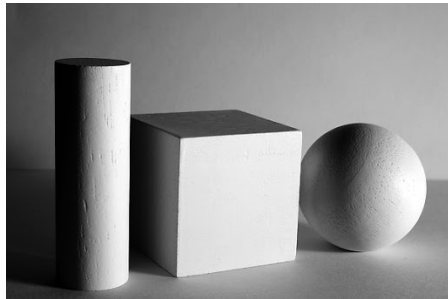
Art	Formal Elements	CYCLE 1	YEAR 7
<div><div>SECTION A: The Formal Elements</div><div>Line, Tone, Shape, Form , Texture, Space, Colour. These are the building blocks of all art work . Artists use them in different ways and with different emphasis to create unique work</div></div> <div><div>SECTION B: Tone</div><div>Tone is used in art to show 3d form and to give drama to a picture by creating contrast with shading</div><div><div></div><div>Tonal Bar showing a range of tones that have been blended</div><div></div><div>Shading applied to a drawing in the correct way – shadow will be darker than where the light falls. This will help your drawing look more 3d</div><div>Any mark can be used to show shading.- lines , smudges , dots etc</div><div></div><div>Creating tones with pen can be done by place marks closer together for a darker tone</div><div><div>Stippling</div><div></div></div><div><div>Scumbling</div><div></div></div><div><div>Shading</div><div></div></div><div><div>Smudging</div><div></div></div><div><div>Crosshatching</div><div></div></div></div></div> <div><div>SECTION C: Line</div><div>Line is one of the formal elements in art. It can be used for describing eg outline of shape, creating tone to make the shape appear more 3d, showing texture to describe what the object might feel like to touch. Lines can also show expression of mood in a picture by the direction or shape of the line . Types of Line- vertical horizontal, zigzag curved, parallel, diagonal</div><div>The quality of a line refers to the thickness or thinness of a line.</div><div>There are FIVE types of line</div><div><div><div>VERTICAL</div><div></div></div><div><div>HORIZONTAL</div><div></div></div><div><div>ZIG-ZAG</div><div></div></div><div><div>DIAGONAL</div><div></div></div><div><div>CURVED</div><div></div></div></div><div>Lines can be actual drawn lines or they can be Implied lines. These can be visualised if there is a tonal difference. Implied lines can also be shown by the object arrangement Implied lines are good for making a composition more interesting and give meaning.eg this vertical line gives strength and power to this image.</div><div><div></div><div></div><div></div><div></div></div><div><div>Drawing techniques-</div><div>contour lines follow the lines of shape within the object – not just the outline and they maybe different thicknesses. Continuous line drawings require the pencil to not leave the paper!</div><div><div></div><div>contour lines</div><div></div><div>continuous line</div></div></div><div><div>KEY TERMS</div><div><div>Formal Elements-</div><div>the basic ingredients included in art work – these are : LINE, TONE, TEXTURE, SHAPE, FORM, COLOUR</div></div><div><div>Visual language-</div><div>how the formal elements are used to show or express meaning, mood, emotion within the artwork</div></div><div><div>Actual Line</div><div>– real line drawn</div></div><div><div>Implied Line-</div><div>visual suggestion of a line</div></div><div><div>Composition-</div><div>the arrangement plan of objects in a picture</div></div><div><div>Tonal Bar-</div><div>shows tones from light to dark</div></div><div><div>Expressive-</div><div>showing emotion</div></div><div><div>Contrast-</div><div>significant difference between things – tonal contrast</div></div><div><div>Some marks have special names:</div><div><div><div>• lines</div><div>• dashes</div><div>• dots for stippling</div><div>• smudges</div><div>• scumbling</div><div>• hatching</div><div>• cross hatching</div><div>• contour</div></div></div><div>Line can show mood or express emotion by the- use of different line type – jagged or smooth or the way the line is put on the paper - with excited quick actions or organised control . An artist can change the look of the work very quickly in this way..</div><div></div></div></div></div>			

SECTION D: Shape and 3D Form

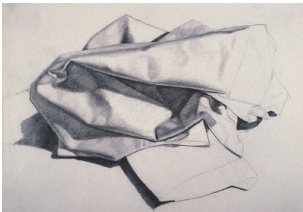
For a 3d object to look 3d on a page we need to use marks for shadings that show light and dark tone.



When light falls on an object, the object blocks the light and a shadow is cast



Shading can be smooth blended shading or other techniques like stippling. But whatever type of shading used it must show a range of TONES if the flat shape is to look like a 3d form



We need to apply this knowledge to irregular shapes too when shading e.g. in this crumpled up paper

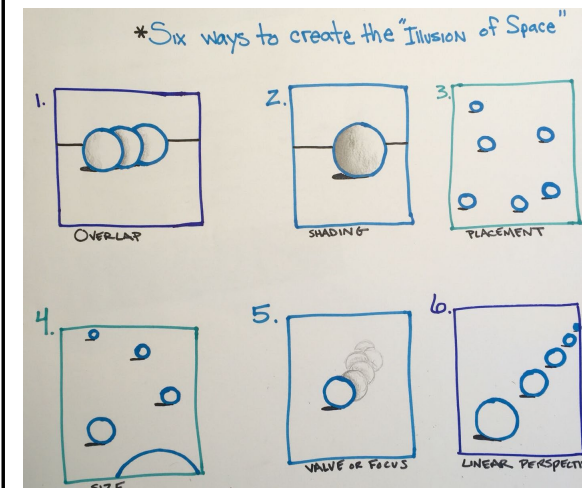
SECTION E: Texture

Textures- by building up different marks you can create realistic looking texture (how something looks like it feels) This is also called Implied Texture like these feathers.



Textures can also be drawn that do NOT look like anything real, these are called **Invented Textures** and are like patterns but can look smooth or bumpy

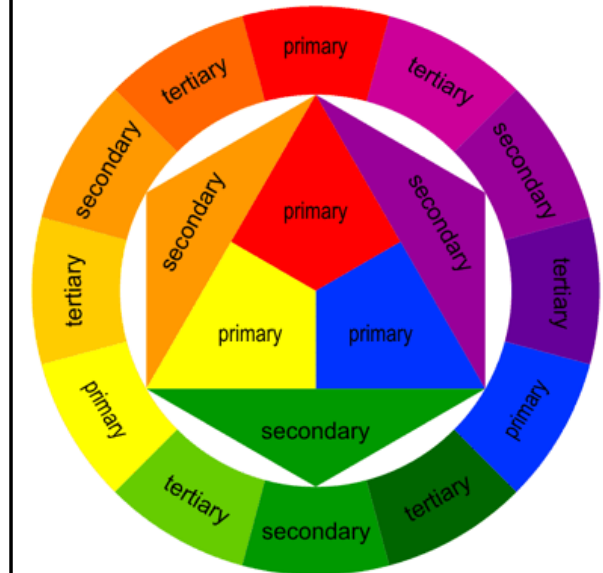
SECTION F: Space – ways to create space in a picture



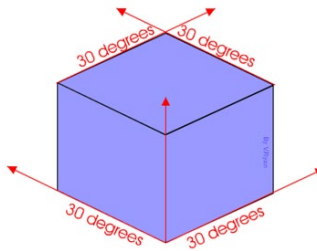
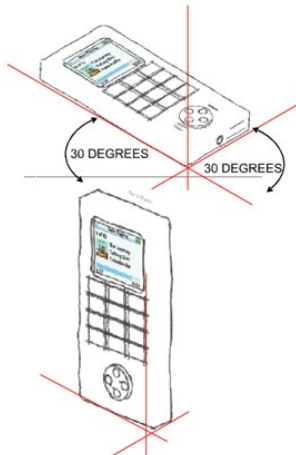
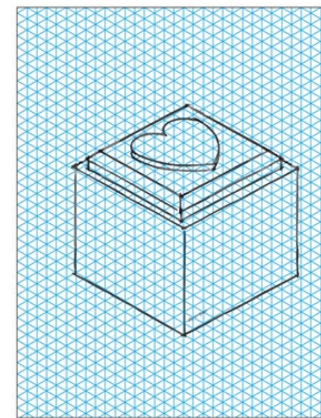
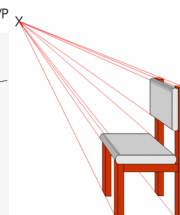
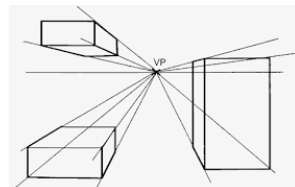
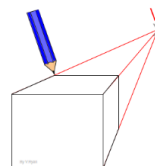

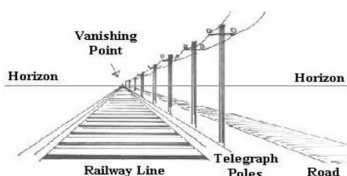

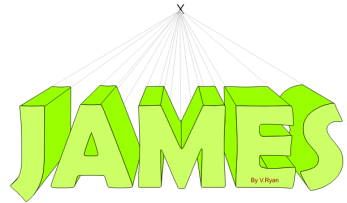


SECTION G: Colour

1. The three primary colours are...red, yellow, blue
2. The three secondary colours are...orange, green, purple
3. Red + blue = purple
4. Red + yellow = orange
5. Yellow + blue = green
6. The cool colours are...colours with blue
7. The warm colours are...colours with red
8. Complementary colours are...opposite pairs
Red and green
Blue and orange
Yellow and purple

Harmonious colours are near to each other like blue and blue green



Design Technology	Design Technology	CYCLE 1	YEAR 7														
<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>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> <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>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>One Point Perspective</p> <p>A drawing has one-point perspective when it contains only one vanishing point on the horizon line. This type of perspective is typically used for images of roads, railway tracks, hallways, or buildings viewed so that the front is directly facing the viewer.</p> <div></div> <div></div> <div></div>
YELLOW	+	BLUE	=	GREEN													
BLUE	+	RED	=	PURPLE													
RED	+	YELLOW	=	ORANGE													

BOX 4: MaterialsHardwoods

Comes from
deciduous trees

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

Beech

Oak

Ash

Teak

Softwoods

Comes from
coniferous trees

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

Pine

Spruce

Cedar

Fir

Manufactured Boards

Boards are
available in many
thicknesses

Boards are
inexpensive so
are often used
instead of real
woods



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

Manufactured boards
are often made using
waste wood

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

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

Examples of Manufactured Boards**Medium Density Fibre board (MDF)**

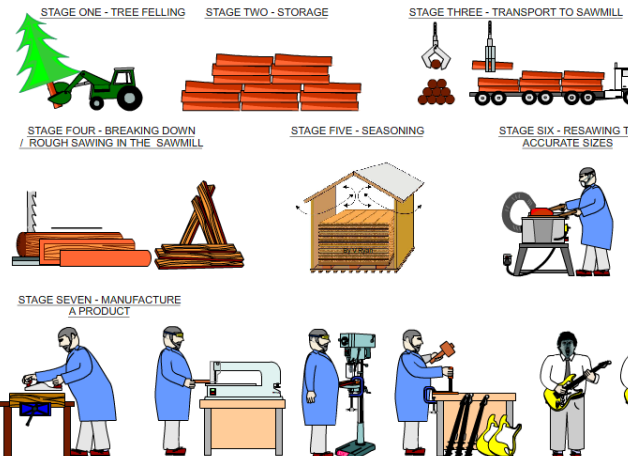
This board is composed of fine wood
dust and resin pressed into a board. This
material can be worked, shaped and
machined easily.

**Plywood**

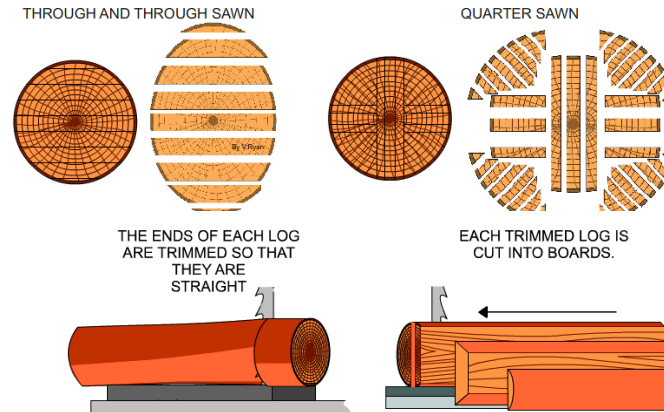
Plywood is a material manufactured from
thin layers or "plies" of wood veneer that
are glued together with adjacent layers
having their wood grain rotated at 90
degrees to one another.

**BOX 5: Natural Wood – Raw Materials & Processing to Product**

Below is a summary of processing natural wood, from logging / harvesting
to manufacturing a product.



At the sawmill, the logs are cut into 'boards' using equipment such as circular saws and bandsaws. This is called 'conversion'. The first stage of conversion is a process called 'breaking down', which means rough sawing. The second stage is called 'resawing' and refers to more accurate / precise cutting and finishing, such as planing and further machining. Two types of rough sawing for the breaking down process, are shown below.

**BOX 6: Joining Methods**

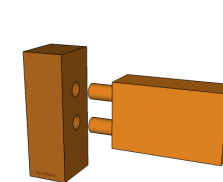
Wood joints can be either **PERMANENT** or **TEMPORARY** depending on the type and if glue is used.

Permanent Joint:

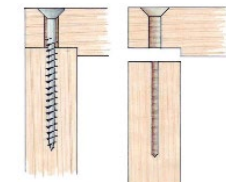
When we do not
want to take the
pieces apart again
e.g. Glues, welding,
rivets

Temporary Joint:

When we will, or might
need to take pieces apart
again e.g. Screws, bolts,
nails



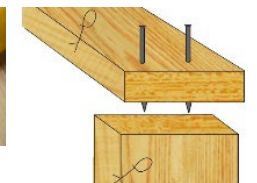
Dowel Joint



Joint with wood screws










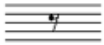








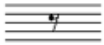








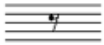


Joint with wood glue or PVA



Nailed Joint



Performing Arts - DRAMA	Basic Skills	CYCLE 1	Year 7
Box A – Techniques	Box B – Techniques	Box C – Techniques	
<p>Still Image Visual pictures created by performers to tell part of the story, illustrate narration or emphasise a key moment in a play. Performers use facial expressions, body language and positioning onstage to show characters, relationships and emotions.</p> <p>Thought Tracking The thoughts of a character being told to the audience during a still image. This can be in the form of a mini monologue or narration of the story.</p> <p>Physical Theatre This is a style of theatre, where the cast make the scenery, set and One minute you could be a character; the next minute you could be a carrot.</p>	<p>Improvisation Improvised drama is work that hasn't been scripted, the dialogue, characters and action is made up as you go along. props out of their bodies to help tell the story on stage. Spontaneous improvisation is created in the moment, a rehearsed role-play is planned and prepared.</p> <p>Narration A character speaks directly to the audience to describe or narrate parts of his/her own story or a narrator speaks objectively about the events happening onstage.</p>	<p>Cross Cutting Creating cross cut scenes onstage, this technique allows you to juxtapose scenes that happen at different times or in different places, using separate areas of the performance space. The technique is used to highlight or contrast a particular theme or aspect of the story, you can represent the scenes in real time or flashback and forward.</p> <p>Flashback/flash-forward A drama convention where the performers quickly move from different periods of time in order to give the audience crucial information.</p>	
Box D – Interpretive Skills	Box E – Skills Techniques	Box F – Performance Skills	
<ul style="list-style-type: none"> • Projecting • Focus (eyeline) to audience • Facial Expressions • Confidence • Audience awareness • Range of vocals • Clear change in character 	<p>Explorative Strategies</p> <ul style="list-style-type: none"> • Still Image • Thought Track • Physical Theatre • Conscience Alley • Cross Cut <p>Movement Skills</p> <ul style="list-style-type: none"> • Body Language • Facial Expression • Gesture • Physicality • Gait 	<p>Vocal Skills</p> <ul style="list-style-type: none"> • Accent • Volume • Pitch • Pace <p>Interaction Skills</p> <ul style="list-style-type: none"> • Eye Contact • Proxemics • Levels 	

Performing Arts	Musical Elements and African Music	CYCLE 1	YEAR 7																								
BOX A: DR PITTS – THE MUSICAL ELEMENTS DYNAMICS – The volume of the music RHYTHM – A pattern of music made up of notes with a different duration PITCH – How high or low the notes are in a piece of music INSTRUMENTATION (TIMBRE) – The different types of sound that are in the music TEMPO – The speed of a piece of music TEXTURE – How many instruments and lines of music there are. You can have a thin or thick texture STRUCTURE – How the music is built up and the different sections in the music		BOX C: NOTE VALUES <table> <tr> <th>Looks like</th><th>Name</th><th>Lasts for</th><th>Rests</th></tr> <tr> <td></td><td>Semibreve</td><td>4</td><td></td></tr> <tr> <td></td><td>Minim</td><td>2</td><td></td></tr> <tr> <td></td><td>Crotchet</td><td>1</td><td></td></tr> <tr> <td></td><td>Quaver</td><td>½</td><td></td></tr> <tr> <td></td><td>2x Quavers</td><td>2x ½</td><td></td></tr> </table>		Looks like	Name	Lasts for	Rests		Semibreve	4			Minim	2			Crotchet	1			Quaver	½			2x Quavers	2x ½	
Looks like	Name	Lasts for	Rests																								
	Semibreve	4																									
	Minim	2																									
	Crotchet	1																									
	Quaver	½																									
	2x Quavers	2x ½																									
BOX B: VOCAL TECHNIQUES UNISON - Everyone performs the same part at the same time. HARMONY - When two or more notes are played at the same time. ACAPELLA – Making music with just your voice, no instrument accompaniment. CONFIDENT – When performers know what they are performing and know they will get it right. LYRICS – The words that are sung by a singer. ENSEMBLE – A group of musicians performing together. WARM UP – A simple performance or exercise at the start of rehearsal to prepare for the main piece and develop technique. MASHUP – Several different songs put together to create one larger song. BEATBOX – To create drum sounds using your voice.		BOX D: AFRICAN MUSIC KEY WORDS DJEMBE – African Drum CALL AND RESPONSE – Performance technique where one performer plays and other performers copy. POLYRHYTHMS – Different rhythms being played at the same time. SYNCOPIATION – Off-beat rhythms. ACCURATE – Performing the music correctly. FLUENT – Being able to perform confidently and independently.	BOX E: DJEMBE DRUM 																								

IT	E-Safety	Cycle 1	Year 7
<p>BOX 1: The internet</p> <p>Be careful when sharing personal information online. Only use websites you trust. Personal information includes:</p> <ul style="list-style-type: none"> • Full name • Date of birth • Address <p>This information can be used to steal your identity or to find you in the real world. Identity theft is where someone pretends to be you. They might shop online spending your money, or take out loans in your name.</p>		<p>BOX 4: False information and unsuitable content</p> <p>The internet is a great source of information but some of it is incorrect, out of date or biased. Always check multiple sources, i.e. other websites or written material, to confirm what you've read is correct.</p> <p>No one is in charge of the internet so anyone can post or publish anything to it. Some content may be unsuitable. Websites that you can trust include those from:</p> <p>the Government – if the address has 'gov.uk' in it, it's a UK Government website</p> <p>the National Health Service (NHS) – if the address has 'nhs.uk' in it, it's an NHS website</p> <p>the Police – the official website is www.police.uk</p> <p>the BBC – all of the BBC's websites have 'bbc.co.uk' in their address</p>	
<p>BOX 2: Status updates, comments and photos</p> <p>Where possible, limit access to your social media profiles to family and friends. Do not post inappropriate status updates, comments or photos online. You might not want certain people, such as potential employers, to gain access to them.</p> <p>Social networking sites also frequently change their privacy policies. This means that the way your information is used can change, a danger which often draws criticism.</p>		<p>BOX 5: Phishing</p> <p>Trying to trick someone into giving out information over email is called 'phishing'. You might receive an email claiming to be from your bank or from a social networking site. They usually include a link to a fake website that looks identical to the real one. When you log in it sends your username and password to someone who will use it to access your real accounts. They might steal your money or your identity.</p> <p>Your bank will never send you an email asking for your personal information or your username and password.</p>	

IT	E-Safety	Cycle 1	Year 7
<p>BOX 6: Malware and security</p> <p>Malware is a general term that describes lots of different programs that try to do something unwanted to your computer. Anti-virus software prevents malware from attacking your computer or mobile device. There are free anti-virus applications available:</p> <ul style="list-style-type: none"> • AVG • Avast! • Microsoft Security Essentials <p>There are also applications that you have to pay for:</p> <ul style="list-style-type: none"> • Norton • McAfee • Sophos <p>There are many types of malware:</p> <p>A virus harms your computer in some way, usually by deleting or altering files and stopping programs from running.</p> <p>A Trojan starts by pretending to be a trusted file, but gives unauthorised access to your computer when you run it.</p> <p>Worms are difficult to get rid of. They copy themselves over networks to external storage devices</p> <p>Spyware collects information from your computer and sends it to someone.</p> <p>Scareware tricks you into thinking it's software that you need to buy.</p>		<p>BOX 7: Firewall</p> <p>A firewall monitors connections to and from your computer. If it spots something suspicious, it closes the connection or disconnects it. Most operating systems include a firewall and it should be turned on by default.</p> <p>Hackers, people who try to gain access to your computer without your permission, will have a harder time if your firewall is enabled.</p> <p>BOX 8: Cyberbullying</p> <p>Using technology to bully someone is called cyberbullying. Cyberbullying can involve one or more of the following:</p> <ul style="list-style-type: none"> sending offensive texts or emails posting lies or insults on social networking sites sharing embarrassing videos or photos online <p>If you're being bullied, tell someone. For more advice visit Think U Know.com</p> <p>BOX 9: Smartphones and mobile devices</p> <p>These allow for photos, videos and your location to be shared instantly on the internet. Be careful what you get up to in public as anyone might have a smartphone pointed at you. Do not post photos or videos of other people online without their permission.</p>	

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 7**



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 7

