

# Knowledge Organiser Year 7 Term 1



Name:		Form group:	Form group: Masters		of Recall Big Quiz:		
Spellings & Times Tables							
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6		
protagonist- the leading character or one of the major characters in a novel, play or film.  antagonist- a character who is opposed to, struggles against, or competes with another.  malevolence- the quality, state or feeling of being evil.	consequence- the effect, result, or outcome of something happening earlier.  misdemeanour- any minor offence or misbehaviour.  optimism- the view to look on the more positive side of events or conditions and to expect the best outcome.	perplexing- something which is confusing or complicated.  beckon- to signal, call upon someone or to lure them into something.  analysis- the process of studying something and exploring what is meant by the elements or structure of something.	bewilderment- a feeling being perplexed and confused.  retorted- say something answer to a remark, typi in a sharp, angry, or witt manner. This can also be as a synonym for 'repay' repay an insult or injury)  per contra- a phrase use replace 'on the other ha	deeply in a particular activity.  caliginous- this could be a synonym for misty, dim, or dark. e used ' (to conscious- to have knowledge of something or to be aware of something.	genre- a style or category of literature, art, or music.  morality- the distinction between right and wrong, or good and bad behaviour.  imbue- to inspire with feeling or opinion.  perspective- a point of		
connotations- something suggested or implied by a word or thing.  supernatural- attributed to an invisible agent e.g., a ghost or spirit.	<ul><li>intrigued- interested or curious about something or someone.</li><li>characteristic- having a unique feature or quality.</li></ul>	evokes- to consider what is suggested by a specific choice. To explain what impression, you get from something or someone.  quotation- a noun to name a piece of text taken directly from	alludes- to suggest or ca attention to something indirectly; to hint at something. intent- to have a specific intention or purpose.	something is removed or destroyed.  unique- being the one of	view or a particular attitude towards something.  credibility- the quality of being believable or worthy of trust.		

a source.



Look

Look at the information carefully.

Read it three times.

It may help to say it as you read it.



Cover

Cover it with your hand or a piece of paper.



Write

Write it out, from memory.



Check

Check what you have written matches the information exactly. Have you got it correct? If so, tick your work to show it is correct.



Correct

If it doesn't match exactly, use your purple pen to correct it.

Repeat.

When you get it 100% correct, move on to the **next** piece of information.

English	Monsters thro	ough the ages	Year 7	Term 1	
Week 1: Disciplinary Vocabulary	Week 2: Academic Vocabulary		Week 3: Grammar Knowledg	ge	
<ul> <li>metaphor: a direct comparison which can't be literal.</li> <li>simile: compares one thing with another to make a more vivid description (often using 'like' or 'as').</li> <li>protagonist: the leading character in a story – usually someone who is pursuing a goal.</li> </ul>	When writing an analytical response, you should aim to use <b>academic verbs</b> to explain what the <b>author</b> is doing through their use of language or structure.  In addition, you should use <b>academic adjectives</b> to explain the <b>effect</b> of the writers' choices on the <b>reader</b> .		noun: naming word for a person, place, or thing, e.g., Sarah, Monday, cheese, love, France.  verb: a word which describes an action or a state.  adjective: words which describe nouns, e.g., beautiful, cold, green, noisy.  adverb: words which tell us how, where or when something happened, e.g., quickly, easily,		
antagonist: the main opponent or foil of the	ACADEMIC VERBS	ACADEMIC ADJECTIVES	afterwards.	Mry, Cushy,	
<pre>protagonist.  connotation: an idea or feeling which a word invokes for the reader in addition to its literal meaning.</pre>	The author  Suggests  The reader is  intrigued		<b>pronoun:</b> a word which stands e.g., she, it, they, we, us, him, t <b>preposition:</b> tells you the position the coffee is on the table. We we	hem. on of something e.g.	
atmosphere: the overall mood of a story or poem.	implies describes	mystified disturbed	<b>determiner:</b> is used before a nowhich particular example of the	e a noun to show of the noun you are	
<b>supernatural</b> : something beyond that which can be naturally explained, e.g., <i>ghosts, magic, vampires</i> .	thrilled		referring to e.g., the, a, an, some, her.  conjunction: connects other words and helps to form larger structures, e.g., and, but, or, because		
and the second s					
Week 4: Punctuation Knowledge	Week 5: Crafting Writing		Week 6: Form and Genre		
<ul> <li>comma: , - indicates a pause between parts of a sentence or separating items in a list.</li> <li>apostrophe: shows possession (Ben's pen) or omission (can't= cannot).</li> </ul>	ause between parts of a When writing an analytical response, you should on tems in a list.  When writing an analytical response, you should on your main line of enquiry through the use of a these statement. Your thesis statement will consolidate your main line of enquiry through the use of a these statement.		<b>Narrative voice:</b> the <i>perspect</i> from. <b>genre</b> : a style or category of lite	ive the story is told	
<ul> <li>quotation marks: 'SINGLE' quotation marks are used to show it has been taken from the text. "DOUBLE" are used to show that it is direct speech.</li> <li>ellipsis: three dots are used when a word/words are left out of a sentence but the sentence can still be understood.</li> </ul>	Thesis Statement Steps: NAME, VERB, POINT, PLACE, (COMMA), QUOTATION e.g., Shan creates a disturbing tone at the opening of the novel, 'eat me alive, from the inside out'.		Gothic literature: a genre of we and atmospheric settings, the semotions, mystery, fear, and dressic Gothic texts include:  Dracula by Bram Stoker, From Shelley, Rebecca by Daphne Deby Edgar Allen Poe.	upernatural, extreme read. ankenstein by Mary	

### **Maths** Year 7 Term 1 **Sequences and Algebra** Week 2: Sequences Week 3: Non-linear sequences Week 1: Key vocabulary sum: the result of an addition. The sum of 2 and 8 is **term:** each number or object in a sequence. **non-linear sequence:** a number pattern that does not increase or decrease by the same amount. 10 because 2 + 8 = 10term to term rule: is a rule that explains how to find difference: the result of a subtraction. The difference **geometric sequence:** a type of non-linear sequence. the next term in a sequence, if the previous terms are A number pattern made by multiplying by the same between 2 and 8 is 6 because 8 - 2 = 6known. Difference can also be referred to as the 'gap' value each time. They are non-linear. between two numbers. **consecutive:** whole numbers that follow each other without gaps. Example 3, 4, 5, are consecutive. **fibonacci:** another type of non-linear sequence made linear sequence: a number pattern that increases or ascending and by adding the 2 previous terms. decreases by the same amount. descending: 1,1,2,3,5,8,13,21,34,55,89 Week 4: Algebra notation (1) Week 5: Algebra notation (1) Week 6: Equality and equivalence commutative: gives the same result regardless of the substitute: replace a variable with a value. equality: having the same value. order. Example 2 + 3 = 3 + 2fact family: a set of related evaluate: calculate the value of. calculations. variable: a symbol for a value we do not know. It can be a range of values. **squared:** when a number is multiplied by itself. 7 + 3 = 1010 - 7 = 3Variable 32 "3 squared" means 3×3 **10** - 3 = 7 coefficient: the amount of a variable. important notation: $\frac{y}{5}$ means $y \div 5$ **unknown:** a symbol for a value we don't know. It has 5y means $5 \times y$ a specific value that can be found. Example 4 + x = 10coefficient inverse: the opposite calculation. The inverse of add is x = 6input and output: subtract. solve: to find the value of the unknown.

### **Science Cells, States of Matter and Forces** Year 7 Term 1 Week 1: Variation Week 2: Cell Structure Week 3: States of Matter Living things do all of the 7 life processes (MRS differences between organisms the form in which an object is variation state of GREN). Movement, Respiration, Sensitivity, matter found - solid, liquid or gas the basic unit of all living organisms cell Growth, Reproduction, Excrete, Nutrition. solid a substance where the particles tissue a collection of similar cells working are regularly arranged and all together to perform a specific Animal Cell touching function a substance where most particles liauid a collection of different tissues Ribosomes organ are touching and in a random Where protein synthesis takes place Nucleus working together to perform a Contains DNA and controls arrangement the activities of the cell specific function Cytoplasm a substance where no particles are Where the chemical reactions take place gas a group of organs that work organ system touching and in a random together e.g. the digestive system arrangement Mitochondria organism any living thing melting point the temperature at which a solid Where respiration takes how often something occurs turns to a liquid frequency Cell Membrane Controls what enters and exits Hierarchy of organisms boiling point the temperature at which a liquid the cell • A tissue is a group of similar cells working turns to a gas together to perform a particular function. the equipment used to measure thermometer An organ is a group of different tissues Plant Cell Ribosomes temperature working together to perform a particular function. solid liquid Nucleus An organ system is many different organs Contains DNA and controls the activities Cell Wall **(E)** Strengthens the cell working together to perform a particular (3) function. Mitochondria Vacuole An organism is many organs working together Keeps the cell rigid rigid not rigid to make an organism. Cell Membrane fixed shape no fixed shape no fixed shape Controls what enters and Chloroplast fixed volume fixed volume no fixed volume Cells Cytoplasm cannot be squashed **Changes of State** take place evaporatin Three organelles found in plant cells, but not animal muscle cell muscle circulatory circulatory cells are: cell wall, chloroplast and vacuole. system system makes up part of the condensing human body

Science	e Cells, States of N	latter and	Forces	Year 7	Term 1	
Week 4: Elements, Compounds and Mixtures		Week 5: Forces		Week 6: Moments		
atom	a small particle that	force	a push or pull effect	pivot	a point around which an object	
particle	makes up all matter  the single unit of a substance such as	newtons (N)	the units in which force is measured	moment	turns the turning effect around a pivot	
•	an atom or a molecule	newton meter	a piece of equipment containing a		caused by a force e.g. seesaw	
	e.g. H <sub>2</sub> O is a particle of water		spring that measures the size of a force	clockwise	a motion that is in the same direction as the hands on a clock	
element	a substance that contains only one type of atom.  e.g. nitrogen (N <sub>2</sub> ), oxygen (O <sub>2</sub> )	balanced	when all the forces in one direction are equal to all the forces acting in the opposite direction		10 12 1	
	or helium (He <sub>2</sub> )	unbalanced	when all the forces in one direction are not equal to all the		8 4	
compound	a substance that contains two or more different types of atoms chemically joined		forces acting in the opposite direction		Clockwise	
	e.g. carbon dioxide (CO <sub>2</sub> ) or water (H <sub>2</sub> O)	The seesaw is balanced because all of the forces in one direction are equal to all of the forces acting in the other direction.		anticlockwise	a motion that is in the opposite direction	
mixture	2 or more substances that are not joined together. The substances can be elements, compounds of both.	_			10 12 1	
e.g. air is a mixture of elements oxygen (O <sub>2</sub> ) and Nitrogen (N <sub>2</sub> ) as well the compound carbon		The seesaw is unbalanced because the forces acting clockwise are not equal to the forces acting anticlockwise.			Anti-Clockwise	
	dioxide (CO <sub>2</sub> )				not moving	
				stationary magnitude	the size of a force	

French		Je me pr	ésente	,	Year 7		Term 1
Week 1: Les opinions		Week 2: Les salut	cations	\	Week 3: Les chiffres		
j'aime j'adore je n'aime pas je déteste la musique la glace la danse les araignées les vacances le cinéma le sport le vélo les serpents les jeux vidéo	I like I love I don't like I hate music ice cream dancing spiders holidays cinema sport cycling snakes video games	bonjour / salut au revoir comment t'appe je m'appelle ça va? ça va bien, merci ça va mal pas mal comme ci, comm Quel âge as-tu? H j'ai ans	my name is how are you?  I am well, thank y I am not well not bad e ça. so so		0 zéro 1 un 2 deux 3 trois 4 quatre 5 cinq 6 six 7 sept 8 huit 9 neuf 10 dix 11 onze 12 douze 13 treize 14 quatorze	16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	seize dix-sept dix-huit dix-neuf vingt vingt-et-un vingt-deux vingt-trois vingt-quatre vingt-cinq vingt-six vingt-sept vingt-huit vingt-neuf trente
Week 4: Les mois et les jo	urs de la semaine	Week 5: Avoir		\	15 quinze Week 6: Les animaux	31	trente et un
janvier January février February mars March avril April mai May juin June	juillet July août August septembre September octobre October novembre November décembre December aire? When is your birthday? vingt-deux mars March mardi Tuesday	avoir = to have (i The present tens  French j'ai tu as il a elle a nous avons vous avez ils ont elles ont	English I have you have (singular / informal) he has she has we have you have (plural /formal) they have (male / male + female they have (female)	e) t	'ai un lapin un chat un chien un poisson un cochon d'Inde un serpent un hamster un oiseau une souris une tortue deux serpents trois lapins		I have a rabbit a cat a dog a fish a guinea pig a snake a hamster a bird a mouse a tortoise two snakes three rabbits
NB : days and months do French.	not have a capital letter in		iseau = we have a bird he has three rabbits	j	e n'ai pas d'animal		I don't have a pet

### **Geography** What do Geographers do? Year 7 Term 1 Week 1: Key Terms Week 3: Compass and location Week 2: The UK map Global Citizen: someone who understands the wider A compass is a device that indicates direction. world and is aware of their place in it. **population**: the number of people in an area. Scotland urban: a built up area like a town or city. rural: an area of countryside. North Northern Sea weather: the day to day changes in the Earth's **Ireland** atmosphere. Irish **climate**: the average weather over a long period of Sea England Barnsley is located in the North of England within time. the county of South Yorkshire. physical geography: the study of the Earth's natural features. Barnsley is located north of Sheffield and outh of Celtic **English** Leeds. Sea human geography: the study of humans and how Channel they interact with the natural Earth. location: where something is. Week 4: Relief Week 5: Continents and oceans Week 6: Grid references relief: the height and shape of the land. 6 figure grid references are used to find exact locations on a grid square Europe Always read from the bottom left hand corner. **relief**: this is shown on OS maps by contour lines When you give a grid reference, always give the contour lines: brown lines on a map which join up easting first: "Along the corridor and up the stairs" points which are the same height. The closer the lines are together The first 3 The steeper the slope. The further numbers are the the lines are away from each other, Oceania eastings, the the slope will be more gentle. second 3 are the Antarctica northings Eastings (along the corridor)

History	Yorkshire through time	Year 7 Term 1
Week 1: Keywords and the Romans	Week 2: Vikings in Yorkshire	Week 3: Tudors in Yorkshire
century: A period of 100 years	Vikings in England 793CE-1066CE	Early Modern Period 1500-1750
chronology: time order	Vikings: from Norway and Denmark attacked	Tudors in England 1485-1603.
inference: What can you work out from the	successfully in 793CE at Lindisfarne	Pilgrimage of Grace: an uprising from Yorkshire
information given to you.	Danelaw: the area in Northern England, including	against Henry VIII's religious changes. Led by Robert Aske. 80,000 people marched on London.
<b>primary source:</b> information from the time period.	Yorkshire that the Vikings were given.	Aske. 30,000 people marened on London.
		<b>Dissolution of the monasteries:</b> the closing of the
<b>secondary source:</b> information from after the event.	York: known as Jorvik became the most important city	monasteries (religious buildings) 1536-1540. Led by
Roman rule in England- 43CE-410CE	in The Danelaw. 10,000 people lived there and it was used to trade goods.	Thomas Cromwell. Closing the monasteries allowed Henry VIII to gain more money he could use in the war
Emperor Claudius: successfully invades England in	used to trade goods.	against France and Ireland.
43CE.	Vale of York hoard: a collection of items thought to	agamet rance and metanar
Roman Bangle Lady: skeleton found in York, North	have been gathered by a powerful Viking. They were	Fountains Abbey: Monastery in North Yorkshire that
African ancestors and she was wealthy.	discovered in 2007.	was closed during the dissolution of the monasteries
Week 4: Industrial Revolution in Yorkshire	Week 5: Miners' strikes in Yorkshire	Week 6: Key Historical skills
Industrial Time Period- 1750-1900	Dates of the miners' strikes 1984-1985	interpretation: a judgement based on evidence.
England became known as the factory of the world.	NUM: National Union of Miners	<b>autobiography:</b> an account of someone's life written by themselves.
During this time the number of cities increased	Margaret Thatcher: Prime minister at the time of the	, and the second
massively as did problems linked to health and	strikes, leader of the Conservative government.	Second order concepts
pollution. Railways were installed across the country	Orgreave: the location of a huge confrontation which	change: to make or become different
for the first time.	saw conflict between strikers and the miners.	continuity: to remain the same
	Following this public support for the miners dropped.	
<b>Luddites:</b> a group of people, many were based in		significance: great or important
Yorkshire who were concerned the new technology	<b>scabs:</b> a nickname given to people who returned to work whilst the strikes were happening.	cause: to explain why something happened
may mean they would lose their jobs.		, , , , , , , , , , , , , , , , , , , ,
		consequence: To analyse the effect or impact.

Religious Studies	Abrahamic Faiths	Year 7 Term 1	
Week 1: creationism	Week 2: Noah	Week 3: Abraham	
creation: Christians believe that God created the world in 6 days and rested on the 7th day. On the 6th day, God created the first humans (Adam and Eve). God told Adam to look after the Garden of Eden.  sin: an act that goes against God.  Original Sin: when Adam and Eve disobeyed God and ate the forbidden fruit. The tendency to commit evil acts in all human beings.	omnibenevolent: all-loving, or infinitely good, usually in reference to God.  Noah: People on Earth were disobeying God; however, Noah was loyal and devoted. God instructed Noah to build an ark and fill it with his family and two of each kind of animal.  It rained for 40 days and 40 nights, causing a huge flood. When the surface of the ground dried, Noah, his family and the animals left the ark safely. God had protected them.	Abrahamic Faiths: a group of monotheistic religions (Judaism, Christianity, and Islam) whose teachings are based on the belief in a covenant between God and humankind.  Abraham: Christianity, Judaism and Islam all recognise Abraham as an important figure (the Abrahamic religions).  Abraham was extremely dedicated to one God and followed all of his demands. God gifted Abraham and his wife, Sarah, a child in their old age.  sacrifice: to offer or kill something as a religious sacrifice	
Week 4: Moses	Week 5: the Torah	Week 6: Jesus	
monotheistic: belief in one true God.  Moses: Moses is a significant figure in Judaism, Christianity, and Islam (where he is known as Musa).  Moses was the leader of the Jews as they lived in slavery in Egypt. He eventually led them to the Holy Land that God had promised them. The Jews were helped on their journey out of slavery by God, who parted the Red Sea to help them escape.  Ten Commandments: the laws handed to Moses by God on Mount Sinai.	covenant: a formal agreement or promise between two or more people.  Torah: The Torah is the Jewish holy book/scrolls. It contains guidance and teachings for Jews to follow in their daily lives and is used in worship. The Torah is known as the Five Books of Moses.  Jews believe that God revealed the Torah to Moses on Mount Sinai and he wrote it down. The Torah is treated with great respect.	Messiah: the promised deliverer of the Jewish nation prophesied (foretold) in the Hebrew Bible.  Jesus The Son of God, Jesus Christ, came down to Earth and was both fully human and fully God. He understood human suffering and Christians believe he was the saviour of mankind.  Holy Trinity:  The Is Not The Son God	

Computing	Cyber Security and Me	Year 7 Term 1
Week 1: setting up an online account	Week 2: hardware and software	Week 3: keeping you safe
<b>non-attributable:</b> where something is not visually traceable back to you	hardware: the machines, wiring, and other physical components of a computer	antivirus software: designed to detect and block attacks from malware
<b>username:</b> an identification used by a person with access to a computer, network, or online service	<b>software:</b> the programs that are run on computer hardware. there are two types of software: systems software and applications software	<b>firewall:</b> a tool that monitors traffic going into and out of a computer or network, and either allows the traffic to pass through or blocks it
<b>password:</b> a secret word or phrase that must be used to gain admission to a place	ram (random access memory): a computer's short- term memory, where data that the processor is	whitelist: only the device addresses on the list are allowed to access the network
hacker: a person who uses computers to gain unauthorized access to data	currently using is stored temporarily  rom (read only memory): a small amount of non-	<b>blacklist:</b> devices on the list are banned from the network. this is less secure than a whitelist, but is
<b>brute Force Attack:</b> a hacking method that uses trial and error to crack passwords, login credentials, and encryption keys.	volatile (saves when powered off) memory	easier to maintain
Week 4: malware	Week 5: presenting data	Week 6: email
<b>phishing:</b> an attempt by someone to get you to send them personal information, such as usernames, passwords, email addresses and bank account details	<b>sway:</b> is a presentation tool in Microsoft office, it aims to present to a digital audience.	<b>Cc (Carbon Copy):</b> means a copy of the email you are sending will be sent to that address.
malware: malicious software designed to disrupt or damage a computer system	sans serif font: sans serif design (translated as 'without lines', sans serif typefaces have no protruding tails or strokes on any of the letters). easy to read on	<b>Bc (Blind Copy):</b> a copy of the email you are sending will be sent to that address, but no one receiving the email will see the address in the BCC field.
<b>electronic mail: a</b> means of sending messages, text, and computer files between computers via the internet	Screen.  Serif Font Thick and Serifs thin strokes Plain even width	Who you are sending the email to.  Who you are sending a copy of the email to.
<b>cloud computing:</b> the delivery of different services through the internet	Thin Thin Futura Book	Who you are sending a copy of the email too but no one receiving the
cloud storage: storing data at a remote location online	Century Ord Style 1 mind book	Add a subject Brief description about the email

PSHE	My Body and Me	Year 7 Term 1
Week 1: what is PSHE?	Week 2: healthy diet and obesity	Week 3: puberty
<b>transition:</b> the process or a period of changing from one state or condition to another.	<b>diet:</b> the kinds of food that a person, animal, or community habitually eats.	<b>puberty:</b> is the bridge between being a child and becoming an adult.
Personal, Social, Health and Economic (PSHE): is a school curriculum subject in England that focuses on strengthening the knowledge, skills, and connections to keep children and young people healthy and safe and prepare them for life and work.  The Wise and Foolish Builder: demonstrates that all relationships need to be built on strong foundations.  core values: honesty, respect, empathy, responsibility	balanced diet: is a way of ensuring you eat all the required nutrients for your body to function properly.  The Eatwell Plate: is a food guide showing the proportion and types of foods that are needed to make up a healthy balanced diet.	As people go through this transition, the body and feelings change a lot. People also may feel differently about family, friends, and classmates, and view the things that they do in whole new ways.  Boys and girls both go through changes during puberty, some of these are emotional and some are physical.  Puberty usually starts sometime between age 7 and 13 in girls and 9 and 15 in boys.
Week 4: mental health and wellbeing	Week 5: consent	Week 6: online relationships
wellbeing: the state of being comfortable, healthy, or happy.	<b>consent:</b> permission for something to happen or agreement to do something.	the law: it is an offence for a person to take, distribute, possess, or publish indecent photographs of a child under 18.
mental health: a person's condition with regard to their psychological and emotional well-being.	Consent should be clear when given, signs of consent can be:  • Verbal consent	This law was created to protect young people.  The police work under clear guidance that young
<b>self-esteem:</b> confidence in one's own worth or abilities; self-respect.	<ul> <li>Non-verbal consent</li> <li>non-verbal consent: there are ways to show a</li> </ul>	people should not be criminalised for sending nude images of themselves.
<b>confidence:</b> the feeling or belief that one can have faith in or rely on someone or something.	willingness to give consent without using words. Examples of giving nonverbal consent may include: Head nod. Thumbs up.  verbal consent: when a person verbally agrees.	However, it's always wrong to share nude images of another young person without their consent and in cases like this, there is the possibility that the police may get involved.

Music	Musical Elements	Year 7 Term 1
Week 1: Tempo	Week 2: Dynamics	Week 3: Pitch, timbre & texture
<b>tempo</b> : the speed of a piece of music. Tempo measures the beat.	dynamics: the volume of a piece of music.	pitch: the frequency of a note, high or low sound.
<b>bpm</b> : beats per minute.	pp: pianissimo. Very quiet.	<b>timbre:</b> the specific tone or sound quality an instrument or voice has. Each instrument has a different sound which allows
lento: very slow.	<i>p:</i> piano. Quiet.	us to tell them apart.
adagio: slow.	<i>mf:</i> mezzo forte. Moderately loud.	texture: the musical layers.
andante: at a walking pace	f: forte. Loud.	thick texture: multiple instruments playing together.
moderato: quite quickly	ff: fortissimo. Very loud.	thin texture: few instruments playing together.
allegro: fast	crescendo: gradually getting louder.	
presto: very fast	diminuendo: gradually getting quieter.	
Week 4: Structure	Week 5: Rhythm & harmony	Week 6: Ensemble skills
<b>structure:</b> the sections within a piece of music.	<b>rhythm:</b> an arrangement of notes and rests (silences).	ensemble: a group of musicians playing together.
<b>binary:</b> the music is divided in two separate	<b>harmony:</b> the sound of two or more complimentary notes played simultaneously.	accuracy: playing your musical part correctly.
sections. AB.		<b>fluency:</b> playing your musical part with not stopping or hesitation.
<b>ternary:</b> the music has three sections, however one is repeated. ABA.		
through composed: every section is different. ABCDE etc.		<b>timing:</b> synchronised playing in your ensemble, everyone keeps to the beat.
ADEDE Etc.		

## **ART ART & DESIGN – KEY CONCEPTS** Year 7 Term 1 Week 1: Art History - Artwork - Cave Art Week 2: Art History - Contextual Info Week 3: Art History- Chauvet Cave Painting Cave art can be separated into 2 types: Chauvet Cave: • The World's oldest cave paintings are found in Symbolic. the worlds Heritage site of Chauvet Cave in Religious function. southern France. There are five different types of cave art: • Scientists have radiocarbon dated the images to between 30,000 and 32,000 years old, making Handprints (including finger marks). them almost twice the age of the famous Abstract signs. Lascaux cave art, in south-west France. Figurative painting. Engraving. Relief Sculpture. Week 4: Art Careers- Animator Week 5: Conceptual Art - Photorealism Week 6: Medium - Pencil Photorealism is an extremely realistic style of painting What animators do: and drawing, in which the artwork is based entirely on Animators develop characters, objects, and a photograph. environments for various applications, including video Photorealist art is most appreciated for its huge **ERASER** WOOD **BODY** game development, motion graphics for TV and film, WOW! factor. and more. People often mistake photorealist paintings for **Qualifications:** actual photographs. A bachelor's degree in computer graphics or multimedia studies is usually required, as well as 2-D **FFRRULF** LFAD and 3-D animation and design skills. Salary: The median salary for an animator is £46718.73per

year.

## Knowledge Recall Questions

Step 1 - learn the knowledge using your recall book and look, cover, write, check, correct.

Step 2 – from memory, complete the weekly recall questions. These are mandatory. Use family and friends to test you ©.

Step 3 – any question you cannot confidently answer, go back and learn the knowledge again.

Science Cells, States	of Matter and Forces	Year 7 Term 1
Week 1: Variation	Week 2: Cell Structure	Week 3: States of Matter
Put the following in size of order:     tissue cell organ organism organ system	1. What does MRS GREN stand for?	What is meant by state of matter?
2. What is an organ?	List organelles that are found in an animal cell.	Describe how particles are arranged in a solid.
3. What is a tissue?	<ol> <li>List three organelles that are found in plant cells but not animal cells.</li> </ol>	Describe how particles are arranged in a liquid.
4. Define variation.	4. What is the function of: a. Nucleus	4. Describe how particles are arranged in a gas.
5. What is meant by frequency?	<ul><li>b. Cytoplasm</li><li>c. Mitochondria</li><li>d. Cell membrane</li></ul>	5. Name the change of state from a liquid to a gas.
6. What is a cell?	e. Cell wall  f. Ribosome	6. Name the change of state from a gas to a liquid.
	g. Chloroplast h. Vacuole	

Science Cells, State	s of Matter and Forces	Year 7 Term 1
Week 4: Elements, Compounds & Mixtures	Week 5: Forces	Week 6: Moments
What is an element? Give an example.	1. What is a force?	1. Define pivot.
2. What is a compound? Give an example.	Which piece of equipment is used to measure force?	2. Define moment.
3. What is a mixture? Give an example.	3. What are the units of measurement for force?	3. Which word means the size of a force?
4. Define particle.	4. What is meant by a balanced force?	4. Which word means to move in the same direction as the hands on a clock?
5. What is an atom?	5. What is meant by an unbalanced force?	5. Which word means to move in the opposite direction to the hands on a clock?

French	Je me présente (1)	Year 7	Term 1
Week 1: Les opinions	Week 2: Les salutations	Week 3: Les chiffres	
Translate the phrases in to the opposite language.	Translate this conversation in to English.	Complete the grid with the m	issing numbers written
Je déteste la danse.	Bonjour	in French.	
J'adore la danse.	Salut!	0   16	
Je n'aime pas le vélo.	Comment t'appelles-tu?	2 18 3 trois 19 4 20	
J'aime les serpents et les araignées.	Je m'appelle   Violet   Comment	5 cinq 21 6 six 22	vingt-et-un
Je n'aime pas la musique.	t'appelles-tu?  Je m'appelle	7 23	
Je déteste la glace.	Thomas Ça-va?	9 neuf 25 10 26	
J'adore la musique.	Ça-va mal	11 onze 27 12 douze 28	
I don't like cinema.	Ça-va?	13 29 14 quatorze 30	
I love dancing and cycling.	Ça-va bien merci.  Quel âge as-tu?	15 quinze 31	
I like video games and music.	J'ai dix ans.		
I hate sport and snakes.	Au revoir.		

French	Je me présente (1)		Year 7	Term 1
Week 4: Les mois et les jours de la semaine	Week 5: Avoir		Week 6: Les animaux	
Translate the phrases in to the opposite language.	Avoir =	(infinitive verb)	Translate the phrases into English.	
Mon anniversaire c'est le vingt-deux mars.		(	J'ai un lapin.	
	Complete the grid below.			
Mon anniversaire c'est le dix-sept février.	The present tense	conjugation is :	Elle a trois chats.	
	French	English	J'ai un poisson.	
Mon anniversaire c'est le sept juillet.		I have	Nous avons cinq chiens.	
Mon anniversaire c'est le trente décembre.	tu as	You have (singular / informal)	J'ai une souris.	
	il a			
My birthday is the 18 <sup>th</sup> October.		She has	J'ai un oiseau.	
		Sile rids	Tu as une tortue et un hamster.	
My birthday is the 1 <sup>st</sup> June.		We have		
			Je n'ai pas d'animal.	
My birthday is the 4 <sup>th</sup> January.	vous avez			
		They have (male / male + female)	J'ai un chat et cinq poissons.	
My birthday is the 23 <sup>rd</sup> April.	elles ont		Il a un serpent et un cochon d'Inde.	

Geography	What does a geographer do?	Year 7 Term 1	
Week 1: Key Terms	Week 2: The UK	Week 3: Compass and Location	
What is a Global Citizen?	Draw a map of the UK	Create a rhyme or trick to help you remember North, East, South, West N	
What does rural mean?		E	
		S	
What is the difference between weather and climate?		W	
		Barnsley is located in the of England.	
	If you are in England, Scotland is to the	What county is Barnsley in?	
	If you are in England Wales is to the	Barnsley is located north of Sheffield and south of which other city?	
Week 4: Relief	Week 5: Continents and Oceans	Week 6: Grid references	
What is relief?	Name the 7 continents	What is a northing?	
What are contour lines?	-   -	What is an easting?	
Draw what a steep slope would look like on a map with contour lines	-		
Draw what a steady slope would look like on a map	-	What tip can you use to remember how to do grid references? Clue stairs and corridors	
using contour lines	What continent is England in?		

History	Yorkshire through time	Year 7 Term 1
Week 1: Keywords and the Romans	Week 2: Vikings in Yorkshire	Week 3: Tudors in Yorkshire
How many years are in a century?	When did the Vikings rule England?	When was the Early Modern period?
What does chronology mean?	What was the Danelaw?	When did the Tudors rule?
What is the difference between a primary and a secondary source?  When did the Romans rule in England?	Why was York important to the Vikings?	How many people marched in the Pilgrimage of Grace?
when did the Romans rule in England:		
What is an inference?		Where is Fountains Abbey?
Week 4: Industrial Revolution in Yorkshire	Week 5: Miners' strikes in Yorkshire	Week 6: Key Historical skills
When was the Industrial period?	When were the miners' strikes?	What is an inference?
Who were the Luddites?	Who was Prime Minister during the strikes?	List the 5 second order concepts
How did Britain change during the Industrial period?	What is a scab	
	What does NUM stand for?	

Music	Musical Elements	Year 7 Term 1	
Week 1: Temopo	Week 2: Dynamics	Week 3: Pitch, timbre & texture	
1. What is the tempo?	What are the dynamics?	What key word is this? The musical layers.	
2. What does bpm mean?	2. What word describes gradually getting quieter?	What word describes the texture of multiple instruments playing together?	
3. What is the word that describes the music as very slow?	3. What word describes gradually getting louder?	What word describes the texture of fewer instruments playing together?	
4. What is the word that describes the music as very fast?	4. Draw a line to connect the dynamic marking with its meaning.   Very quiet  Quiet  Moderately loud  mp	4. What musical element describes the frequency of a note, high or low sound?	
5. Draw a line to connect the tempo with its correct definition.	Loud f Very loud p	5. What musical element help us to tell instruments apart by their sound quality?	
Very slow Allegro			
Slow			
At a walking pace Lento			
Quite quickly Presto			
FastAndanteVery fastmoderato			
13.7.330			

Music	Musical Elements	Year 7 Term 1
Week 4: Structure	Week 5: Rhythm & Harmony	Week 6: Ensemble skills
What is the structure?	What is harmony?	What is the term for a group of musicians playing together?
What structure is this where there are two sections, AB?	What is rhythm?	What is accuracy?
What structure is this where there are three sections with one repeated, ABA?		What is fluency?
What is the name of the structure where every section is different?		What is timing?

ART & DESIGN	N – KEY CONCEPTS	Year 7 Term 1
Week 1: Art history – Cave art	Week 2: Art history – contextual info	Week 3: Recreate the image
List the 5 types of cave paintings: -	Name the oldest cave paintings in the world?	Describe the painting from the provided source material?
- - -	How old are they?	
Week 4: Art Careers- animator	Week 5: Conceptual Art – photorealism	Week 6: Medium - pencil
What does an animators do?	What is Photorealism?	Label all the parts to a pencil
How much on average do animators earn per year?		