

Knowledge Organisers Spring Term – Year 7

Name: _____

Please remember:

- It is to be kept inside your knowledge organiser book
 - It is to be brought into school every day

Regular retrieval throughout a scheme of learning (daily, weekly and monthly) has been proven to **reduce the rate of forgetting**, supporting you to **retain more** in long term memory- making assessments/ exams way easier! The challenge for you as a student is to make sure you use your knowledge organiser for each subject properly to help you to know more and remember more over time. We've created this walk through to support you in using your knowledge organiser- for more support speak to your subject teachers.

Using your Knowledge Organiser



1	2	3	4	5
Look	Cover	Write	Check	Repeat
Start with a small section of knowledge	Now cover up this section of your	Self quiz- what can you remember and	Remove the post it and check for	After a short break away from your
that you want to remember e.g Henry	knowledge organiser with a post it note	rewrite? Make sure you do this without	accuracy- did you get the key	knowledge organiser repeat the look,
VIII's wives in History. Read through this	or scrap paper.	looking back at your knowledge	terminology? Was it spelt correctly?	cover, write, check until you can recall
section of the knowledge organiser (a		organiser.	Was the order correct? If you drew a	all of the facts correctly without
couple of times if it helps)			diagram, how much of this did you get	prompts.
			correct?	
				This process can be used for any new
			Most importantly- what did you miss	knowledge that you want to acquire. It
			out?	is good idea to do this on a regular
				basis, once a week.

Strategy 1- Look, cover, write, check – A really simple but effective way to use your knowledge organiser. Focus on a specific area of your knowledge organiser.

1	2	3	4	5
Focus	Big ideas	Explain it	Link it	Record it
Make it manageable by selecting an	Pick out the main points or the big	Explain what you know about the main	Now, see how it links to other areas	Write down as many 'think it, link it'
area of your KO where your learning is	ideas in this section.	points (this could be written or shared	within the subject. E.g Eating meat –	ideas as you can in your book. See if
not secure. Don't waste time going off		verbally – a friend, a family member.	causes global warming. Cows produce	you can beat others in you class!
something you can already do!			methane which is a greenhouse gas.	

Strategy 2- Think it, link it – Great for connecting the big ideas in your subject. How does 'x' relate to 'y'. What are the key factors which make an equation/ experiment/ process work? Challenge yourself to see how many links you can make!

1	2	3	4	5
Select topic	Prepare quiz	Answer it	Self check	Repeat
Decide which area you want to be	Get someone else to prepare 10	Set a time limit (depending on the	Now look at your KO to self check-	Return to this section in 2/3 weeks- see
quizzed on (this might build up over	random questions on that topic to	number of questions) and answer the	make a note of your score. Celebrate	if you can improve your score! Re-do
time)	challenge you.	questions without looking at your KO.	your successes and make a note of	those questions that you missed or got
			anything you missed or got incorrect.	incorrect.

Strategy 3- Knowledge quiz – You might try this after a few weeks of using your knowledge organiser. Get someone to set you 10 questions using your knowledge organiser. These could be spellings, key words, processes, equations etc to see how much you can remember! Record your score and see if you can beat your personal best each half term!

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SWB

Year 7 – English – A Midsummer Night's Dream

William Shakespeare (the playwright)

The play was written by William Shakespeare in 1595.



Shakespeare was born in Stratford-upon-Avon to a father who was a glove maker. Shakespeare wrote

plays and poems.

Shakespeare went to a grammar school where he was taught Ancient Greek.

Grammar schools were very strict and students had to work hard. The school day would usually start at six in the morning and continue to five in the evening. Students also had to go to school six days a week.

As someone educated in different cultures, he was able to write about imaginative places his audience would never see



The Elizabethan Era (the time when the play was written)



The Elizabethan Era was the period in English history from 1558–1603 when Queen Elizabeth I was in charge of England.

Elizabeth 1st was Queen. She decided not to get married which many people disagreed with as they thought a Queen should have a King. It was also expected for a female roval to marry a foreign royal to create ties.

Life of a normal person

- Groundlings were poor people who watched plays in Elizabethan England,
- Groundlings would have horrible jobs, including shifting waste across the city,
- The poor enjoyed bear baiting (this was a cruel sport where bears would fight other animals), gambling and the theatre for entertainment.
- There was a large difference between the rich and poor in Elizabethan Enaland,
- Life could be severe (a) for groundlings,
- And many Elizabethans believed in and feared magic.



The play is set in Ancient Greece.

Athens, for a long time, was considered the centre of education and culture. In Shakespeare's time, classic tales from hundreds of years ago were being reused for entertainment.



This made Athens a perfect setting. Athens was known all around the world for its wealth and grand buildings. In Ancient Athens, there were very severe (a) punishments for people who broke the rules.

Cupid is the ancient god of love. He is usually presented as a baby whose arrows make people fall in love.







The love potion is created from a very rare flower in the forest, it became magical because Cupid hit it with his arrow. The love potion is extremely powerful.

It can be used to make a sleeping person fall in love with the first person they see upon waking. In the play the potion causes chaos (f).





Demetrius to Helena:

am sick when I

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Key Quotations

Lysander:

"The course of true

love never did run smooth."

Oberon to Puck:

- "Before milk-white, now
- purple with love's wound."



SWB Year 7 – English – A Midsummer Night's Dream

<u>Characters</u>							
Demetrius wants marry	<u>Helena</u> is Hermia's						
Hermia and is	friend who is						
disgusted by Helena's	desperately in love						
love for him.	with Demetrius.						
Lysander is in love with	Oberon is the king of						
Hermia and runs away	the fairies who controls						
to the forest with her.	the love potion.						
Hermia is Egeus's daughter who is in love with Lysander. Friends with Helena.	<u>Titania</u> is the fierce Queen of the fairies who falls in love with Bottom when the love potion is put on her.						
Egeus is Hermia's stubborn father who wants her to marry Demetrius or be put to death.	Puck is Oberon's mischievous servant who puts the potion on peoples eyes.						
Theseus and Hippolyta	Bottom is a weaver						
Theseus is the Duke of	and actor who has his						
Athens. He is a strong	head turned into a						
and strict ruler of the	donkey. Titania falls in						
city. Hippolyta is	love with him when						
Theseus's bride. She is	she is under the love						
a fearless warrior.	potion's influence.						

<u>Act 1:</u>

<u>Plot Summary</u>

Hermia and Lysander are in love, but Hermia's father, Egeus, will not let them get married so they decide to run away to the forest. Demetrius wants to marry Hermia but Helena loves Demetrius. Hermia wants to run away and Lysander even though her father has forbid (h) it. They follow Hermia and Lysander into the forest.



In the forest, Oberon and Titania are arguing. Oberon sees Demetrius and Helena arguing and commands Puck to use a potion on the Athenian man to make him fall in love with Helena. However, the first Athenian man Puck sees is Lysander, so he puts the love potion on him. Lysander falls madly in love with Helena.

<u>Act 3:</u>

Puck sees Bottom in the forest and transformed his head into a donkey's head. Puck put the love potion on Titania, who falls in love with Bottom. Puck put the love potion on Demetrius so that he falls in love with Helena. As a result, both men love Helena, so there is chaos (f). Helena and Hermia fight. Puck eventually drops a herb in Lysander's eyes to put him back to normal.





Oberon finds Titania and Bottom and decides that he has had enough fun 'inverted comma. Puck drops a herb in her eyes, she wakes and leaves with Oberon.'

<u>Act 5:</u>

The lovers, Lysander, Hermia, Demetrius and Helena, return to Athens where Bottom and the other actors perform their play at the wedding of the three happy couples: Theseus and Hippolyta, Lysander and Hermia and Demetrius and Helena.

How to write a Mastery paragraph:

□ Write a topic sentence which:

Act 4:

- Answers the question
- Focuses on one thing
- Is accurate
- □ Introduce and provide an appropriate quotation.

Explain what this quotation reveals about the theme or character who is speaking or who they are speaking about.

 Directly link to question (e.g. Comment on whether it shows the love potion in a negative or positive light).
 Explore how a reader/an audience would react to this – is it meant to be funny, shocking, surprising, ridiculous...? Key Terminology

(a) Severe – very strict or harsh

(b) Soliloguy -a speech in a play that the character speaks to the

audience, rather than to the other characters

(c) Conflict – a serious disagreement, battle or struggle between two sides or ideas

(d) Unrequited love – if a person loves someone who doesn't love them back, the person's love is unrequited

(e) To mock – to make fun of someone

(f) Chaos – a situation where there is no order and everyone is confused

(g) To resolve – to solve a problem or difficulty



5





Year 7 – English – Mastery Writing 1 – Story Writing Model Example.

Tear / - English - Mastery Writing I - Story Writing Model Example.	A	Adjective	A word which describes a noun: Example: sweet, short, bitter, stinky
You will receive a set of pictures like these. You will	В	Adverb	Describes a verb or adjective. An adverb answers how, where, when how much, how often. E.g.: quickly, easy and never.
need to practice your writing working on the rules you've been doing in that lesson, and	С	Complete Sentences	A sentence which contains a subject and a verb. Example: She went to the shop
the lessons before.	D	Complex Sentences	A sentence containing a subordinate clause
The next night, he began to practice	E	Conjunctions	A conjunction is a part of speech that connects words, phrases, or clauses. Example: for, and, but.
	F	Dialogue	Men being dominant in society.
I have introduced my main subject	G	Fused Sentences	A sentence which has not used punctuation between the next subject. Example: She went to the shop she bought some milk.
(n).I have told the audience where they are.	Н	Indent	Starting the first line of a paragraph further away from the margin than other paragraphs.
Alex was playing the violin for his parents, Carol and Piotr and his cat, Misty in their living	1	Personal Pronoun	A first person word which replaces a name, like "we, I" etc.
my story in paragraphs. I have indented	J	Simple Sentences	A sentence with one clause, one subject and one verb. Example: Jack likes fishing.
(h) my paragraphs. room and looked at his poster of his hero. The next night, he began to practice in his bedroom. He practiced to Misty, who	К	Subordinate Clause	A clause which does not make sense on its own. (e.g. 'when it rang' in 'she answered the phone when it rang').
I have written in complete. The next day. Alex plucked up feeling.	L	Verb	A word which describes an action Example: read, write, drive, walk.
sentences (d). the courage to play for his family again. Carol, Piotr, Misty and their friends were I have solved	м	Complication	Something which causes a difficulty for a character.
I have used simple sentences (j) delighted at now good the piece of music the problem.	N	Subject	The person or thing doing the verb in the sentence.
throughout my work. Alex was happy too. Sentences (d) throughout my work.	0	Singular/plural	Singular means one and plural means more than one.

Key terms

Definition









parallel lines

lines that are always an equal distance apart.
coplanar lines that do not intersect.









Ott Working Unit 5 – p facts Unit 8 – r Crossove Unit 36 – applying Unit 37 –	ner Topics/Units this could appear in: Towards: properties of shapes and simple angle nensuration er: Alternate & corresponding angles and g other known angle facts. Interior and exterior angles of polygons.
Keyword/Skill	Definition/Tips
Angle	The amount of turn between two rays called arms meeting at a common point called vertex.
Vertically opposite	Pair of angles directly opposite to each other, formed by intersection of straight lines.
Reflex	Any angle that measures more than 180 degrees but less than 360 degrees.
Parallel	Equidistant lines, that is, exactly the same distance apart and never touching.
Partitioning	A strategy that splits numbers into smaller addends, factors or place value to make calculation easier.
Perpendicular	Meeting or crossing at a right angle.
Protractor	An instrument used to measure angles in degrees.
Adjacent Angles	Angles immediately next to each other.
Degrees	The unit of measuring the size of an angle.
Acute	Any angle that measures less than 90 degrees.
Obtuse	Any angle that measures between 90 degrees and 180 degrees.
Right angle	Any angle that measures exactly 90 11



Keyword/Skill	Definition/Tips
Rotational	Looks at how many times an image
Symmetry	looks exactly the same in a complete
	turn.
Order	The number of times an object fits over
	its own image in one complete turn
Reflective	The reflected shape will be exactly the
symmetry	same as the original, the same distance
•,,	from the mirror line and the same size.
Line of	The line that cuts a shape in half
symmetry	exactly.
Scalene triangle	Triangle where the three sides are
	different lengths and the angles are all
	different sizes.
Equilateral	Triangle where all three sides are equal
triangle	length and all angles are equal.
Isosceles	Triangle with two sides of equal length
triangle	and two equal angles.
Right-angle	Triangle where one of its angles is a
triangle	right-angle.
Angle	A measure of turn with the units being
	degrees



Year 7 – Maths – Mastery: Unit 8 – Classifying 2D shapes



Keyword/Skill	Definition/Tips
Quadrilateral	Any 2-dimensional four sided
	shape
Diagonal	Created by joining opposite
	corner with a line (in a
	quadrilateral)
Vertex	Corner
Parallel	Lines side by side that are
	always the same distance apart
	and never meet
Perpendicular	Meet at a right-angle
Adjacent	Next to
Intersect	Cross – usually referring to lines
Bisect	Cut exactly in half
Opposite	Situated on the other side
Reflex angle	Bigger than 180° and smaller
	than 360°
Congruent	Exactly the same size and shape
Pair	A set of two

Tessellation

A shape tessellates if it fits together without any gaps. (Like tiling) Isosceles Trapezium

Other topic/units this could appear in: Angles in Polygons, Transformations, Solving problems involving angles,

























Year 7 – Science – P1a. Energy

Convection				Conduction		molecules in solid objects don't				
State of matter	Liquids and G	ases		State of matter	Solids					
Description	Particles with I	lots of heat eneray in a liquid	d or gas move and take the place	Description	Heat moves from the hotter part of the object to the colder part	wire or other thermocondu				
	of particles wi cooler places	ith a lot of energy. Heat ener by convection	gy is transferred from hot places to	Explanation	Particles in the metal are packed closely together. As they are heated the particles gain kinetic energy and vibrate more. The particles that are	host canducta				
Explanation	Liquids and go	ases expand when they are l	heated. This happens because the		vibrating collide with other particles and start to make them vibrate. This	from warm to cold				
	the particles to bigger.	o take up more space as the	e gaps between particles gets		causing them to heat up too.					
	The liquid or a	as in hot areas is less dense t	than the liquid or gas in the cold	Keyword	Definition					
	areas, so it rises into the cold areas. The denser cold liquid or gas in the cold the warm areas. In this way, convection currents form that transfer heat from				Common term for combustion. A reaction with oxygen in which en surroundings as heat and light.	ergy is transferred to the				
					The measurement of heat change during a chemical reaction					
L I					Energy store that is emptied during chemical reactions when energy	gy is transferred to the surroundings.				
			1	Compare	When you compare things, you consider them and discover the dit them.	fferences or similarities between				
Warmer particles	s	Warmer narticles		Conduction	The transfer of heat by passing on energy (or electrical charge) to	nearby particles.				
taking up more	taking up moretransfer temperaturespace become lessand lose energy to thedense and risesurroundings and		Slower moving	Convection	The process by which heat travels through fluids (gases and liquids)	The process by which heat travels through fluids (gases and liquids).				
			narticles move	Describe	If you describe a person, object, event, or situation, you say what the	If you describe a person, object, event, or situation, you say what they are like or what happened.				
space become le			particles move	Efficiency	A measure of how much of the total energy transferred in a proces	ss achieved a desirable useful				
dense and rise			closer together,		outcome.					
			taking up less	Elastic Potential	An energy store that is filled when a material is stretched or compre	tretched or compressed.				
		move slower	chaco	Electrical	Energy store resulting from the movement of electrical charge (ele	ctrons).				
			space	Energy	This is the ability to make something happen when it is transferred.					
				Evaluate	It you evaluate something or someone, you consider them in order for example about how good or bad they are.	to make a judgment about them,				
				Explain	If you explain something, you give details about it or describe it so	that it can be understood. If you				
			Cooler particles that		explain something that has happened, you give people reasons for it.	or it, especially in an attempt to justify				
4.4			are closer together	Food	A chemical store of energy, that you once eaten and digested ca	n be used to release energy.				
			become more dense	Gravitational po	ential Energy store that is filled when an object is raised.					
			and sink	Heat	Heat is the transfer of internal energy from one region to another., I	measured in Joules.				
				Joule	Unit of energy, represented by the symbol J.					
				Kinetic	An energy store filled when a moving object speeds up.					
	Cooler	particles take the		Light	A form of radiation that can transfer energy in a wave.					
	snace o	the warmer ones		Non-renewable	An energy resource that will be used up, and not replenished in ou	r lifetime.				
	space o	of the warmer ones		Nuclear	An energy store associated with nuclear interactions.					
	that rise	e.		Radiation	Radiation is the transfer of internal energy in the form of electroma	gnetic waves. This radiation lies in				
					the intrared region of the electromagnetic spectrum. It does not re	equire particles to move, it can travel				
Develler Heren	1				through a vacuum.					
				Kenewable	An energy resource that can be readily replenished in our lifetime.					
state of matter	n/a				A form of energy transferred by sound waves.	antin 90				
Description	A type of el	ectromagnetic radiation cal	led infrared radiation.		A measurement of now hot or cold something is, unit of measurem					
Explanation	Infrared rad	iation involves waves instead	d of particles. As such it can travel		An energy store that is tilled when an object is heated.					
	through a ve	acuum e.g. space. The hotte	er an object is, the more infrared	Transfer	A piece of equipment used to measure temperature.	<u> </u>				
	radiation it e	emits.			Ine process by which energy moves from one store to another.	Z5				
L				mansiormation	Energy transformation is the process of changing one form of energy	yy io unoiner.				

	Y	'ear 7 – S	cien	ice -	- P1c	a. Er	nergy	/		Types of	of thermal i	nsulation				
Equations	Equa	tion				Renewable and non-renewable energy sourcesRenewableQuickly replenishesWind power, solar			ergy sources Wind power, solar	Appliance/feature			Description			
Cost (pence)	Cost one l	= number of kilow kilowatt hour	vatt hou	rs x price	e for	Energ	nergy its energy used. p Infinite p		power, hydroelectric power, tidal power, geothermal power	Boiler	Boiler		This has a l to be trans	arge surface area to allo ferred to its surrounding t	w for large of hrough con	amounts of heat energy vection
Word done (Joules/J)	Work done = force x distance					biomass		Radiat	or		This is spec Convectio	ially designed to have a n currents heat all the wo	heating eler ater in it.	ment at the bottom.		
Efficiency (%)	ency Efficiency = (useful output/total input) x 100		x 100	Non- rene Ener	on- Is finite (will run out). Does not quickly replace		Fossil fuels – coal, oil and natural gas Nuclear power	Double	Double Glazing		Windows c them (or a no convec	nd doors with 2 planes of vacuum between them) tion because the air is tro	f glass with c 1. Air is a poc apped and	air trapped between or conductor and there is cannot for convection		
Power (Watts/W)	Power = energy/time /)					energy used		Loft Ins	ulation		A thick lay	er of the loft floor. It works	s because it	's a poor conduction		
										Floorin	aulation			all, slopping convection)roventa hac	
Transferring The	ermal Er	ergy					7			FIGOLI	ISUICIION		poor cond	uctor	Tevenisnec	
	Temperature change Direction of e		on of en	ergy	1			Draugh	nt excluder	5	Brushes an	Brushes and seals on doors. Prevents warm air escaping from the h				
Object hotter t surroundings	Dject hotter than roundings Temperature of Object decrease until it is the same as the surroundings		flows ou ject to th adings	ut of he				Cavity	wall insulat	ion	Insulation p which is a convection pockets of	place in the cavity of the poor conductor. Howeve n so a insulating material air and prevent convect	walls. It wor er, energy co is injected ir tion currents	ks because it traps air buld still be lost due to nto the gap to create forming		
Object colder	than	Temperature of		Energy	flows in	to the	Type	s of Energy	Example							
surroundings		object increases	s Until the	object	to the		Liaht	Enerav	Sun, light bulb, to	brch		Reflec	tion and abso	orption of heat by radiation	on	
		surroundings		30110011	luings		Thermal Energy (heat) Ove		Oven, electric fire	/en, electric fire		colou	r finish	ability to emit therm	al radiation	ability to absorb thermal
		sonoonaings					Soun	d Energy	Radio, speakers,	ΓV						radiation
Object the sar	ne	The object's		The is n	o net flo	ow of		rical Energy	Electric car, lapto	p ation nucl	ogr	dark	dull or mo	tt good		good
temperature o	of the	temperature sta	ys the	energy	,			earchergy	bomb		eur	light	shiny	poor		poor
surrounds		same					Cher	nical Energy	Food, batteries, c	oal						
							Grav	itational Potential Ene	ergy Book on a shelf, k	oulder on	a cliff					
								c Potential Energy ic Energy (movemen:	t) Bow, wind-up toy	<u>, stretch sp</u>	oring					
							KINGI			ning bui						
Comparing Co	nductio	n, Convection and	d Radiat	ion				_			Energy I When d	ranster Di	<u>agrams</u> perav transfer	diagrams start with the e	nerav in on	the left of the arrow and the
Daudialaa			Condu	uction	Convec	ction	Radiatior				energy	but on the	e riaht-hand si	de. There will be waste a	nd useful er	nerav out
Solids			Y V		Y N		N V	-			General	Transfer (diagram			
Liquids	uids N Y Y			Energy in \rightarrow Useful energy out + Wasted energy of			Wasted energy out									
Gases	s N Y Y				- 01											
Particles move far part N Y		Υ		n/a					;							
Particles vibrate	e on the	e spot	Y		Ν		n/a						<u> </u>			
Particles rise ar	nd fall to	transfer energy	Ν		Y		n/a	_				Input:		Useful:		Wasted:
Particles hit ead	ch othe	r to transfer	Y		N		n/a				Che	mical energ	gy /	Light energy		Thermal energy



Year 7 – Science –	P1c. Earth	and Space	Keyword	Definition		
23.5*	Keyword	Definition	Asteroid	An asteroid is a chunk of rock and metal in outer		
	Planet	A planet is a large object the orbits a star. There are eight planets in our solar system, including the Earth,	Axis	An imaginary line about which a body rotates.		
		and smaller dwarf planets, such as Pluto, Ceres and Eris.	Comet	Comets are balls of ice and dust in orbit around the		
23.5	Satellite	A satellite is an object in orbit around a planet. The Moon is the Earth's natural satellite, but humans have	Crescent	Sun A crescent is a thin, curved shape that is thicker in		
A day is 24 hours long. This is		launched many artificial satellites into orbit. The Moon is the Earth's natural satellite.		the middle and tapers to thin points at each end, like the little sliver of moon you might notice in the sky.		
Earth to spin once on its axis.	Seasons	In the United Kingdom we have four seasons (winter, spring, summer and autumn. We get seasons	Days	A day is the time it takes for a planet to turn once on its guide the familie of the second second		
is in daylight. The half facing away	Solar system	The solar system consists of the Sun surrounded by planets, comets and asteroids in orbit. Most planets in	Eclipse	An eclipse occurs when one object blocks another object from being seen. From Earth there are two		
so becomes night-time.	Star	the solar system have moons in orbit around them. These are giant spheres of superhot gas made up		main types of eclipses: solar eclipses and lunar eclipses.		
One year = 365 ¼ days		mostly of hydrogen and helium. Stars get so hot by burning hydrogen and helium. Our Sun is an	Ellipse	An oval shape, squashed circle shaped.		
	Tilt	example of a star. An object being in the sloping position.	Galaxy	Contains millions of stars, geld together by the force of gravity.		
	Waning	After the Moon gets to its full phrase, we start to see less and less of the Moon.	Gibbous	Gibbous moon appears to be more than one-half but not fully illuminated by sunlight.		
Galaxy	Waxing	As the Moon begins its orbit, and we see more and more of the Moon.	Gravity	Gravity is a force that attracts objects towards each other. We commonly experience gravity by being		
Gdidxy	Universe	Contains billions of galaxies.	Hemisphere	pulled downwards by the Earth. Hemisphere means half (hemi) of the Earth (sphere).		
Milky way		cury th th piter ptune	Magnetic field	A force around magnet. The force around a magnet cannot be seen.		
	- ANAL	−-Ven −-Ven −-Ven −-Ven −-Ven −-Ven −-Ven −-Ven	Meteoroid/ Meteor	A meteoroid is a small rock or particle of debris in our solar system. A meteoroid that burns up as it passes		
Stars and planets		_ ا 🗢 🛸 🧶 🥮 اِفْ 🗳 اَفْ اِلْمَ		through the Earth's atmosphere is known as a meteor.		
"My Very Fager Mother Ju	st 🦄	inner planets	Moon	Satellite to the Earth. It is smaller and has less mass than Earth.		
Served Us Nachos"	Sur		Phases of the	The phase of the moon is how much of the moon 28		





Y7 ART SWARM KNOWLEDGE ORGANISER Visual Research/Title Page Using resources – testing out ideas/media. Making a personal response – final outcome.

How do I investigate the importance of insects and how they have influenced art from different times and cultures?

- Collect a range of information and present as an annotated Title page.
- Different cultures
- Different times/art Movement link.
- What does this research tell you?

A good annotated Title page should include key words and information art vocabulary and a range of collaged visual research.

How do I develop my drawing skills using markmaking techniques?

- Explore hatching, cross hatching, scumbling, and stippling.
- Use mark making to record surface tone, texture and detail.
- Create a copy of Alfred Basha's work.
- Develop skills/knowledge of the Formal Elements.

A good artist copy should show a clear understanding of the artist's use of materials and techniques.

How do I develop my own ideas to create a response to Alfred Basha's work?

- Use the ideas behind his work to inspire you.
- Use his composition style you like the best,
- Make your work as detailed as possible.
- Use Surreal collage blends successfully.

A good artist response should show clear links to your artist's work but be your own idea. You should use materials and techniques with skill and control.

> Wider Thinking: Watch Bugs Life or Ant Bully.

Expert modelling example..



Annotated Title page.



Artist response

<u>Stretch and Challenge:</u> <u>Youtube</u>: Pen and Ink Shading Techniques + Exploring Mark-Making: <u>https://www.youtube.com/watch?v=B3xrzxXvn8c</u>

	Keyword	Definition			
	Mark making	The creation of different patterns, lines, textures and shapes.			
	Formal Elements	Key words that can be applied and used to describe 2D and 3D art and design.			
	Response	Develop own ideas using chosen artist's style, materials and techniques.			
	Investigate	Try out the qualities of materials, techniques or processes.			
	Respond	Develop own ideas by taking inspiration from an artist's work.			
	Hatching	Shading with closely drawn parallel lines			
	Cross hatching	The drawing of two layers of hatching at right-angles to create a mesh-like pattern.			
	Scumbling	Layers of small scribbled marks to build up tone and texture.			
	Stippling	The creation of a pattern by using small dots. Such a pattern may occur in nature			
	Collage	A piece of art created by combining photos, clippings or small objects onto a surface.			
J	Refine	Improve work by responding to feedback. 30			



Y7 ART SWEET TREATS KNOWLEDGE ORGANISER Developing ideas/artist research Using resources – testing out ideas/media. Making a personal response – final outcome.

How do I identify the formal elements of Sarah Grahams work to create a written analysis?

- Artist's information/nationality.
- Inspiration
- Colour
- Composition
- What message is the artist trying to put across? A good written analysis should include correct art vocabulary and your own opinion of the work.

What needs to be included to create a good copy of Sarah Graham's work?

- Realistic detail
- Saturated colour.
- Scale
- Blurring

A good artist copy should show a clear understanding of the artist's use of materials and techniques.

How do I develop my ideas to create a response to Sarah Grahan's work? :

- Use the idea behind her work to inspire you.
- Use her composition style that you like best,
- Make your work as detailed as possible.
- Use saturated colour blends successfully.

A good artist response should link to the ideas and inspiration behind the artist's work and use her materials and techniques with skill and control.

Wider Thinking:

Watch Charlie and the Chocolate factory.

Expert modelling example..



Artist copy/written analysis



Artist response

Stretch and Challenge: Look at the work of Kate Brinkworth, Amanda Deadman and Burton Morris

Keyword	Definition
Analyse	Examine in detail.
Saturated	The intensity of colour in an image.
Apply	Put skills/knowledge/understanding into action.
Describe	Give a clear description that includes all the main features – think of it as 'painting a picture with words'.
Blend/Layer	Mix together – put on top of each other
Composition	The arrangement of the subject matter, such as figures, trees, and so on in a work of art.
Investigate	Test the qualities of materials, techniques or processes through practical work.
Skilful	Apply materials, techniques and processes with a high level of understanding, ability and control.
Refine	Improve work taking into account feedback and aims.
Formal Elements	Key words that can be applied and used to describe 2D and 3D art and design.
Colour	Colour has the strongest effect on our emotions. It is the element we use to create the mood or atmosphere of 31 an artwork.



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Year 7 – Computing – Computer Components

Hardware

Computer **hardware** includes the physical parts of a computer, such as the case, central processing unit, monitor, keyboard, computer data storage, graphics card, sound card, speakers and motherboard.

The hardware components can be catergoried as Input devices and output devices

An **input device** is a piece of computer hardware equipment used to provide data and control signals to an information processing system such as a computer or information appliance.

Output Devices



Software

Software is the set of instructions or programs that can be stored and run by hardware. The programs instruct the computer to perform certain tasks

Peripheral device examples



- 1. Web cam
- 2. Mouse
- 3. Keyboard
- 4. Speakers
- 5. Headphones/earphones
- 6. External hard drive

Are just some examples of devices that are connected to a computer to either input data into the computer or transfer data out of the computer



Keywords and Definition

Peripheral a device that is able to be attached to and used with a computer, though not an integral part of it

CPU Computer

processing Unit also called a **Central Processor is** the electr onic circuitry within a computer that execut es

instructions that make up a computer program

Hard disk drive(HDD),

is data storage device that uses magnetic storage to store and retrieve digital

GUI is short for graphical user interface. This type of interface is made up of Windows, Icons, Menus and Pointers Hardware includes the physical parts of a computer, such as the case, CPU, monitor, keyboard, graphics card and motherboard

Software is the set of instructions or programs that can be stored and run by hardware. The programs instruct the computer to perform certain tasks

Input device Is an input device is a piece of computer hardware equipment used to provide data and control signals to an information processing system

Output device is any

piece of computer hardware equipment which converts information into humanreadable form. It can be text, graphics, tactile, audio, and video





Year 7 – Computing – Computer Components Computer Health related problems

Operating Systems

Memory

Hard Disk Drive = Long term memory



HDD is where all of your documents, pictures, programs etc. are stored on the computer, similar to all of the long-term memories in your brain.

Random Access Memory (RAM) = Short term memory



RAM is where the computer stores the current task that is being carried out. This is like when you are thinking about how to work out a sum in maths or what a user is going to say next. An Operating System is a type of Systems Software.



- **Systems software** is a type of software that controls the computers **hardware** and **software**.
- It provides an **interface** between the user of the computer and the **hardware**.

Compression



- Compressed files use less storage space than those that are not.
- This makes it easier and quicker to transmit files over email or upload and download them.
- Data compression is commonly used for audio and video files.

Encryption

Encryption is the scrambling of data into a form that can no longer be understood by unauthorised people.



Year 7 – Computing- Data Representation

DATA UNITS								
Abb.	b	n	В	КВ	MB	GB	ТВ	РВ
Name	bit	nibble	byte	kilobyte	megabyte	gigabyte	terabyte	Petabyte
Size	1 or 0	4 bits	8 bits	1000 bytes	1000 KB	1000 MB	1000 GB	1000 TB
Eg.	-	-	character	txt file	mp3 file	DVD	Wikipedia	BBC iplayer



BINARY ADDITION 0+0=0 0+1=1 1+1=0 (carry 1) 1+1+1=1 (carry 1)

Careers

- Software development
- Programing
- Software Engineering

Character Set

is used to describe the possible characters that can be represented in a computer system. E.g A a, 123, @!"£, emoji's

Ascii (American Standard Code for Information Interchange)

- Each character is given a binary code
- Uses 7 Bits this gives 128 possible characters
- Extended Ascii used 8 bits 256 characters – enough for the English language
- Some codes are reserved for control characters (eg TAB, Carriage Return)

Unicode

- Unicode has a much larger character set
- can represent many more characters/characters from all alphabets
- uses 16 bits
- It uses 2 bytes that give us 2¹⁶ possibilities (65,536).
- This is used universally to represent many more languages than our own

Year 7 – Computing- Data Representation

Low

rate

High

rate

sample

sample

Sound

- The height/amplitude of the sound wave is measured
 - at regular intervals
 - and converted to binary.
- If the interval is smaller
 - More samples taken
 - more data to store
 - larger files
 - the sound reproduced is closer to the original better quality.

Digital sound is broken down into **thousands of samples per second** – each of these **samples** is then **stored as binary data**. The **quality** that the samples are stored with depends on different factors:

- Sample Frequency The number of audio samples captured every second
- Sample Size/ Bit Low sample rate ¹ bits available for each sample
- Bit Rate The nu High sample rate | IN A GIVEN TIME



- Each Pixel of Image is made up of a 1 or 0.
- Following information about image is stored in file:
 - Width of the picture in pixels.
 - Number of bits used for each pixel
 - Colour of each pixel.
- Image Resolution = The concentration of pixels in an image
- Higher Resolution = More Pixels = Larger File Size
- Lower Resolution = Less Pixels = Smaller File Size.

Two main types:

BITMAP - The page is divided into an invisible grid and each pixel is assigned a colour

VECTOR

Drawn by following a set of mathematical instructions

- Draw a circle
- radius: 6 pixels
- centre: 10, 10
- line thickness: 1 pixel

Vectors

Vectors are based on mathematical formula and can be scaled infinitely without any loss quality. Every line and shape has a value that changes when the image expands.

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Bitmaps

Bitmaps rely on a series of square blocks called pixels, arranged on a grid. The quality of the images depends on the amount of pixels per square inch. The more pixels, the better the quality.





Year 7 Music – What Makes a Good Song?

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SONG STRUCTURE – How a song is made up of or divided into different sections (see below) and the order in which these sections occur. To work out the structure of a song, it's helpful to analyse the LYRICS <u>and</u> listen to a recording for the song (for instrumental sections).

INTRO – often shortened to 'intro', the first section of a song which sets the mood of the song and is sometimes, but not always, an instrumental section using the song's chord pattern.

VERSES – songs normally have several verses. Verses introduce the song's theme and have the same melody but different lyrics for each verse which helps develop the song's narrative and story. Songs made up entirely of verses are called STROPHIC.

CHORUS – occurs several times within a song and contains the most memorable HOOK/RIFF. The chorus relays the message of the song and is repeated with the same melody and lyrics each time it is heard. In popular songs, the chorus is often repeated several times towards the end of the song.

MIDDLE 8/BRIDGE – a section (often 8 bars in length) that provides contrasting musical material often featuring an instrumental or vocal solo using new musical material allowing the performer to display their technical skill on their instrument or voice.





Key Words

LYRICS – The words of a song, usually consisting of VERSES and a CHORUS.

HOOK – A 'musical hook' is usually the 'catchy bit' of the song that you will remember. It is often short and used and repeated in different places throughout the piece. Hooks can be either MELODIC, RHYTHMIC or VERBAL/LYRICAL. RIFF – A repeated musical pattern often used in the introduction and instrumental breaks in a song or piece of music. Riffs can be rhythmic, melodic or lyrical, short and repeated.

MELODY – The main tune of the song often sung by the LEAD SINGER.

COUNTER-MELODY – An 'extra' melody often performed 'on top of' the main melody that 'fits' with it

TEXTURE – The layers that make up a song e.g., Melody, Counter-Melody, Hooks/Riffs, Chords, Accompaniment, Bass Line.





Year 7 Music – Building Bricks



GRAPHIC NOTATION/SCORE - music written down using shapes and symbols to represent sounds.



Year 7 What is Design Technology?

Design and technology gives young people the skills and abilities to engage positively with the designed and made world and to harness the benefits of technology.

Tools and Equipment

	Marking knife	Constant of the second se	Sand paper
	Used to mark out on woods		Used to remove cut lines from wood
~	Tenon Hacksaw		Disk sander
	Used to cut straight lines into wood		Used to create a nice finish on wood
	Coping Saw		File
	Used to cut curved lines into wood		Used to shape and flatten materials

Processes

Drilling A process of cutting away material to create a hole	Sanding Removing saw lines to improve the surface texture	Gluing and clamping Securely joining materials together using adhesives	Marking out Using different tools to mark out measurements onto materials

Health and safety

Machine guard Protects from flying debris	Floor marking Creates a safe zone around the machine	Safety signs Warning and advisory signs	Table Vice Hold your work steady
	- Career and	Site Sate Areket Caldware Areket Cald	uner de la constante de la constan

Materials

Pine wood A common wood used in construction	High impact polystyrene Cheap plastic used for most plastic products	Oak wood An expensive wood used for furniture	Neoprene A thermal plastic that helps insulate
		A CONTRACTOR	

Keywords	Tools and Machines	Materials
Analysing	Metal files	Acrylic
Investigating	Pillar drill	Aluminium
Collate	Wet & dry paper	Ferrous
Develop	Vacuum former	Non-ferrous
Improve	Wire wool	Metal
Manufacture	Laser Cutter	Alloy
Evaluate	2D Design	Polyvinyl chloride (PVC)
Explain	Bench Vice	High-density
Technical	Junior Hacksaw	polyethylene ABS
Dimension	Safety ruler	Copper
Tolerance	Pliers	Mild steel
Quality check	Engraver	Polypropylene



Year 7 What is Engineering?

Engineering is the application of science and math to solve problems. Engineers figure out how things work and find practical uses for scientific discoveries.

Tools and Equipment

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	Scribe Used to mark out on metals			En Usec burr	h ery cloth d to remove s and sharp edges	
	Junior Hacksaw Used to cut into metals			Us circu n	Pillar Drill ed to cut lar holes into naterials.	
	Engraver Used to scratch designs into metal	Pro	ocesses	Use ar n	File d to shape nd flatten naterials	
Sawing Using a sharp serrated edge to part materials	Filing Removing mater to create a bett surface finish or different shape	rial er a	Engraving To create a po or marking ir material, using scratches) attern n a small	Brazi Using he permanent pieces of toget	ng eat to Iy joining material her
				-		

Health and safety

Goggle Protect your eyes	Apron Protect your clothing	Hair tie Protect your hair from entanglement	Vice Hold your work steady
		Here and the second sec	

Materials

Mild steel A common material used in construction	Acrylic A recyclable type of plastic	Aluminium A light-weight metal used in drinks cans	Urea Formaldehyde A plastic used for tougher products
			·]] . ·

Keywords	Tools and Machines	Materials
Analysing	Metal files	Acrylic
Investigating	Pillar drill	Aluminium
Collate	Wet & dry paper	Ferrous
Develop	Vacuum former	Non-ferrous
Improve	Wire wool	Metal
Manufacture	Laser Cutter	Alloy
Evaluate	2D Design	Polyvinyl chloride (PVC)
Explain	Bench Vice	High-density
Technical	Junior Hacksaw	polyethylene ABS
Dimension	Safety ruler	Copper
Tolerance	Pliers	Mild steel
Quality check	Engraver	Polypropylene

Year 7 – Food Technology

Equipment:		Knife Techniques:			Personal Hygiene and Safety:	Keyword	Definition
Weighing Scale	Eachline	Bridge Hold	Claw Grip	1. 2. 3.	Wear an apron Tie hair back Remove jewellery	Personal hygiene and Safety	Maintenance of ourselves to prevent cross-contamination
	20g.			4.	Cover cuts with a blue waterproof plaster Wash hands with soap and warm water	Kitchen hygiene and Safety	Maintenance of high standards of cleanliness and sanitation to prevent food contamination
Oven Gloves	Personal safety, to	An arch of a thumb and fingers.	Tuck in fingers, use knuckles as a guide.			Food hygiene and safety	Handling, preparation, and storage of food in ways that prevent food-borne illnesses
	hands from					Hazard	A danger or risk
		These knife technikkeep us safe and	ques are used to to prevent cuts.	 Г	Kitchen Hygiene and Safety:	Control Measure	An action to prevent a hazard
	Hob	Knife Safet	y Rules:	- L [1.	Stack stools and remove	Utensils	Tools we use commonly in a kitchen like a knife and fork
	Oven			2.	hazards Turn saucepan handles facing outwards	Bacteria	Organisms that are microscopic which can be harmful
]	 Store knives in Keep knives sh 	a knite block harp, not blunt	3.	Use a damp dish cloth and anti-	Creaming	Combination of fat and sugar
Chopping Board	Used for different foods to	3. Slice away from keep for your f	ingers clear of the	4.	Wear oven gloves	Enzymic browning	Oxidation reactions that causes food to turn brown
	prevent spread of	4. Carry a knife w pointing down 5. Put knives on t	with the blade wards he draining		Food Hygiene and Safety:	Dextrinizarion	Starch is broken down into sugars, causing a brown colour when heated
Chef's Knife	Used to prepare a range of ingredients	board, not in t 6. Handle knives washing up 7. Use the bridge grip when pre	he sink carefully when hold and claw paring ingredients	1. 2. 3.	Wash fruit and vegetables with cold water Check best before and use by dates In a fridge, store raw meat on bottom shelf, cooked meats and ready-to-eat foods.	Ĭ.	

Year 7 – Food Technology

Why do we need to eat a **balanced diet**?

1. To achieve and maintain a healthy body weight.



2. For growth and repair



3. To build a strong immune system, prevent disease and infection.



4. To provide energy.



5. To keep us warm.



How do we achieve a balanced diet? **Eight Healthy Tips:**

- 1. Base your meals on starchy foods.
- 2. Eat lots of fruit and vegetables.
- 3. Eat more fish including a portion of oily fish each week.
 - 4. Cut down on saturated fat and sugar.
- 5. Eat less salt no more than 4g a day for children.
- 6. Get active and try to be a healthy weight.
 - 7. Drink plenty of water.

8. Do not skip breakfast.







Eatwell Guide: The Eatwell Guide outlines the recommendations for eating a healthy balanced diet. The guide shows the different types of foods and drinks you should consume – and in what proportions – every day or over a week. The Eatwell Guide shows how much of what you eat overall should come from each food group

Green Section:

fish are a good source of

repair.

protein needed for growth,

Fruit and vegetables are a good source of vitamins, minerals and fibre, needed to build a strong immune system.

Yellow Section:

source of calcium and vitamin

D needed for strong bones and

teeth.

Starchy foods are a good source of energy. Choose wholegrains for increased fibre, needed to prevent constipation



Purple Section: Fats, oils and spreads should be eaten sparingly. These do provide energy.

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Year 7 – French – Topic 2 – All about me (À propos de moi)

A. Quel â	A. Quel âge as-tu ? How old are you ?								
Verb	Number	Years	Connective	Noun + verb	Number				Month
J'ai I have	 un deux trois quatre cinq six sept huit neuf dix onze douze 	ans years	et and	mon anniversaire, c'est le my birthday is the	 premier deux trois quatre cinq six sept huit neuf 	 dix onze douze treize quatorze quinze seize dix-sept dix-neuf 	1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	vingt vingt-et-un vingt-deux vingt-trois vingt-quatre vingt-cinq vingt-cinq vingt-six vingt-sept vingt-sept vingt-huit vingt-neuf trente trente-et-un	janvier Jan février Feb mars March avril April mai May juin June juillet July août August septembre Sept octobre Oct novembre Nov décembre Dec



2

B. Que penses-tu des membres de ta famille ? What do you think about the members of your family?					
Opinion verb	Noun	Connective	Verb	Quantifier	Adjective
J'adore I love	mon père my dad mon beau-père my stepdad		il oct	95507	amusant fun bavard chatty généreux generous
J'aime I like Je préfère	mon grand-père my grandad mon tuteur my guardian mon frère my brother	car because parce qu'	he is	quite super super très	effrayant scary ennuyeux boring méchant nasty têtu stubborn
l prefer				very trop	amusante fun bavarde chatty
Je n'aime pas	ma mère my mum	Decaose		too	généreuse generous
I don't like	ma belle-mère my stepmum ma grand-mère my grandma		elle est she is	un peu a bit	gentille kind effrayante scary
Je déteste I hate	ma sœur my sister				ennuyeuse boring méchante nasty têtue stubborn 45

Year 7 – French – Topic 2 – All about me (À propos de moi)

C. Décris ta ville. Describe your town					
Verb phrase	Article + Noun	Verb	Quanitifer	Adjective	
	un centre commercial a shopping centre		assez	bruyant noisy	
Dans ma ville, il v a	un centre sportif a leisure centre		quite	inutile useless	
In my town, there is	un cinéma a cinema	c'est	super	vieux old	
	un collège a school		super		
Dans ma ville, il n'v a nas de*	un marché a market	11.5	très	calme quiet	
In my town, there isn't	un parc a park	co n'est pas	very	génial great	
	un stade a stadium	it icn't	trop	grand big	
* do poturo un lupo aftor do	une bibliothèque a library		too	moderne modern	
	une gare a train station		un peu	petit small	
	une piscine a swimming pool		a bit	utile useful	



	D. Que fais-tu pendar	it ton temps libre ? Wh	nat do you do in your free time?			
	Time phrase	Verb	Preposition + noun	Connective	Verb	Adjective
	Lundi Monday Mardi Tuesday Mercredi Wednesday Jeudi Thursday	je joue I play nous jouons we play je ne joue pas I don't play	au basket basketball au foot football au tennis tennis à la pétanque petanque	et and car	c'est it's	amusant fun bon pour la santé good for your health divertissant entertaining
	Vendredi Friday Normalement Normally Tous les weekends Every weekend	je fais I do nous faisons we do je ne fais pas I don't do	de la boxe boxing de la danse dancing de la natation swimming de l'équitation horse riding du karaté karate du shopping shopping les devoirs homework	because mais but cependant however	it s ce n'est pas it isn't	génial great relaxant relaxing dangereux dangerous ennuyeux boring fatigant tiring nul rubbish
t-ce que tu as fa	it le weekend dernier ? \	What did you do last v	veekend?			

$\langle \mathcal{I} \rangle$
C C

			iu l	162	devoits normewo	лк			
_									
	E. Qu'est-ce que	tu as fait le weekend de	ernier? What did you d	o last weekend	q\$				
	Time phrase	Perfect tense	Preposition + noun	Connective	Perfect tense	Prepositio	n + noun	With + family member	
	Le weekend dernier Last weekend	j'ai joué I played nous avons joué we played	au basket basketball au foot football au tennis tennis à la pétanque petanque	et and	j'ai fait I did nous avons fait we did	de la boxe de la dan de la nato de l'équite du karaté du shoppi les devoirs	e boxing se dancing ation swimming ation horse riding karate ing shopping s homework	avec ma famille with my family avec ma mère with my mum avec ma sœur with my sister avec mon père with my dad avec mon frère with my brother avec mes parents with my parents	46



ORMISTON SWB ACADEMY

SWB Year 7 – Geography – Topic 3 Living in Wolverhampton

Wolverhampton census data

• Wolverhampton is in the West Midlands.

- Wolverhampton's population is around 250,000 and is very ethnically diverse population with an average age of 39 years.
- Land use is how the area is used e.g. residential, retail or industry.
- Wolverhampton's urban area has increased since the 1920s
 with an increase in retail and hospitality in the city centre.
- Bilston East has a younger population than Tettenhall, has more people with 'bad'/'very bad' health, has more people unemployed, most common jobs include skilled traders/workshop/kitchen
- Bilston East shows indicators of a lower quality of life compared to Tettenhall Wightwick, with significant variation in employment, education, and life expectancy; despite still

being part of the same city of Wolverhampton.

Regeneration in Wolverhampton

- Regeneration means improving old industrial areas or outdated housing to bring
 positive economic change.
- Regeneration strategies can involve the building of new shopping centres, improving transport links or construction of new housing.
- Due to the closure of factories and new transport technology such as trains, cars and

lorries, the canal system in Wolverhampton is no longer used to transport goods

- This has led to areas becoming abandoned or derelict
- Regeneration strategies have been used in Wolverhampton such as the re-design of Wolverhampton train station.
- Future regeneration strategies include a 10-year plan to develop underused land around the city centre to improve access and connecting the city centre to Molineux with a high street of retail, hospitality and education.
- Regeneration strategies can be successful and unsuccessful.
- The regeneration of Wolverhampton train station will improve service efficiency.

Predicting the success of future regeneration can be difficult and evaluation of potential

advantages and disadvantages is needed

	aphy – Weather and Climate	Keyword	Definition
ACADEMY	······	Air masses	Huge bodies of air that can affect the weather conditions of a place.
Weather or Climate?	Extreme Weather	Atmosphere	The envelope of gases surrounding the Earth.
happening in the atmosphere every day – it can change on an	Storms - the UK experiences regular storm events due to its Maritime (coastal) climate	Choropleth maps	A map which uses different colours/shades within areas to show the average values of a particular quantity in that area.
hourly or daily basis.Climate is the average	river systems and coastal flooding from storm events	Climate	The average weather conditions over a long period.
weather conditions of a place over time – it	Heatwaves - the UK can be influenced by southern continental air masses that	Continental	Air masses that form over land.
doesn't change from day to day.	bring extended periods of warm, dry weather to the UK.	High pressure	When cool air sinks to the Earth's surface, leading to drier conditions.
These terms can't be switched around as they mean different	snow to the UK.	Isobar	A line on a map connecting points that have the same atmospheric pressure.
things!	<u>Choropleth Maps of the UK</u> • The choropleth maps below show temperatures of the UK in different	Isohyet	A line on a map connecting points that have the same amount of rainfall.
Air Pressure • The atmosphere is pushing down on the	 seasons. The first map shows the UK in summer, with much of the UK experiencing warmer temperatures. 	Isoline	A line on a map connecting points that have the same amount of a weather condition. Also known as isopleth.
Earth's surface all the time – we just can't feel	The second map shows the UK in winter, experiencing freezing temperatures.	Low pressure	When warm air rises from the Earth's surface, leading to wetter conditions.
it.	• In boin maps, the norm of the UK (scolland and Normern Ireland) are experiencing cooler temperatures than the south-east of the UK.	Maritime	Air masses that form over oceans.
are created when warm air rises.		Polar	Air masses that form over higher latitudes, e.g. Greenland.
Evaporation causes /// clouds to form and,	17 Edinburgh	Precipitation	When any form of moisture falls to the ground, e.g. rain, sleet, hail, snow.
dominant.	18 Belfage 18 20	Prevailing wind	A wind from the direction that is the most usual.
are associated with cool sinking air. No		Relief rainfall	Rainfall which happens when air is forced to cool as it rises over higher relief, e.g. hills.
clouds are formed and fine (sunny) weather is	20 22 22 22 22 22 22 22 22 22 22 22 22 2	Tropical	Air masses that are from warmer areas, e.g. northern Africa.
associated with this.	Cardiff ²¹ Londen -1 -1	Weather	The day-to-day conditions of the 49 atmosphere.

Year 7 – Geography – Weather and Climate



Increased risk of disease	As temperatures increa the UK could become diseases that currently warmer areas, e.g. mc

temperature of the Earth's atmosphere, which is linked to the increased levels of pollution (e.g. carbon dioxide, methane,



In the graph above, the red line shows average global temperature and the blue line shows the amount of carbon

As more carbon dioxide has been released into the atmosphere, the average global temperature has increased. This shows how human activities (e.g. driving, factories) has impacted the climate and global warming.

Since the Industrial Revolution in the mid-18th century, there has been an increase in the amount of pollution, impacting the climate as it leads to global warming.

Global warming is the gradual increase in the overall

What are the negative impacts of climate change? Global warming can lead to climate change. Climate change is where there is a change in global, or regional, climate patterns. More recently, this is linked to the increased amount of carbon dioxide in the atmosphere.

Impact	How does it impact?
Increased storms	Storms are likely to increase as global temperatures increase. This can cause flooding through intense rainfall, and the storms will become stronger causing more damage.
Flooding	Sea levels could rise, as the ice caps melt, which would lead to flooding in low-lying areas.
Drought	As extreme weather increases, a drought (less rainfall than expected) could occur causing crops to fail.
Increased demand for water	As summers may become hotter, this could lead to an increased demand for water and put pressure on to water supplies.
Animal species	Some animal species could become extinct as the climate conditions are no longer suitable for them to live in. Climate change could also lead to a shortage in food supply for them.
Increased risk of disease	As temperatures increase, areas of the UK could become exposed to diseases that currently only affect warmer areas, e.g. malaria

<u>SWB</u> <u>Year 7 – History – What was it like to live in Medieval England?</u>

How religious were the medieval people?

- In the Middle Ages, almost everyone in Britain believed in <u>God</u>.
- People believed that heaven and hell were real places.
- People in medieval Britain followed **<u>Roman Catholic Christianity</u>**.
- They believed that the Pope, who lived in Rome had been given authority by God.
- The Pope led all the people who worked for the Church including bishops, priests and monks.
- In the Middle Ages, the Church provided for the religious aspects of people's lives baptism of babies, marriages, confession, the last rites for the dying and burying the dead.
- The church was the **heart of the community** as a meeting place, ceremonies, prayer, festivals and fairs.
- The Church played a big part in government: Bishops sat in the House of Lords. They could raise an army for the king in times of war.

Doom paintings

A painting that depicted heaven and hell and were used in churches for people who could not understand Latin.





- Monks could often read and write when many other people could not, so they copied books and documents and taught children.
- Monasteries often had libraries.





- <u>What was life like in a medieval village?</u> In the Middle Ages nearly everyone lived in a village.
- There were no shops in these villages and <u>villeins</u> (the people who lived in the village) could only go to the nearest town if the lord of the manor let them.
- Appearance of the Village: Each village was surrounded by 3 open fields.
- They had no fences or hedges in them. Instead, these fields were divided into strips and separated by earth banks.
- Everyone got a share of the land in the village.
- Each year one of the fields was left fallow. This meant that no crops were grown in it to help the soli recover. Animals would be allowed to graze there, the droppings acting as fertilizer.
- A peasant's hut was made of **wattle** and **daub**, with a thatch roof but no windows.
- Women in the village worked as hard as the men. They cook, clean and look after the children, fetch water, make clothes and help in the fields when needed.

Living in a medieval town:

•A medieval town would seek a charter giving it the right to become a borough. The rich merchants would then be allowed to choose a mayor and hold a market.

•Houses were made of a wooden frame, with the gaps filled with woven strips of wood, known as 'wattle', and 'daubed', with clay and horse-dung. Most ro ofs were thatch.

•Medieval shops were workshops, open to the street for customers, with the craftsman's house above. Because few people could read, shops signs were a huge model showing the craftsman's trade. People of the same trade often worked in the same street.

•The streets of a medieval town were narrow and busy. They were noisy, with the town crier, church bells, and traders calling out their wares. There were ma ny fast food sellers, selling such things as hot sheep's feet and beef-ribs.





ORMISTON				
	<u>Year 7 – History – What was it like t</u> e	o live in Medieval England?		
Manor house	A landowner (a knight for example) lived her with his family; all the peasants worked on his land and paid taxes. The manor house was strong, secure and comfortable.	How deadly was the Black death? The Black Death was an infamous plague causing an estimated 20 million deaths in	 How would you be punished in Medieval England? Criminals were put in the stocks or the pillory. These were wooden boards with holes for feet hands 	
Tithe barn	Peasants had to give 10 per cent of what they grew to the priest; this was called a tithe and the produce was kept here.	Europe. What were the causes of the Black Death?	 or head. Medieval punishments were cruel, and crimes such as theft were punished by hanaina. 	
Villein	A peasant who worked for his lord in return for land.	We know today that he Black Death was		
Wattle and daub	A medieval building material made of interwoven sticks covered with mud or clay	Caused by tleas that lived on black rats. However in the Middle Ages there was no	How smelly was medieval England?	
Charter	An official document given by a ruler or government which sets out a town's or business's rights.	scientific understanding of illness and disease.	 Medieval towns did not have systems of sewers or water pipes like Rome had.	
Monks and Nuns	A religious person who has taken vows in order to lead a religious life.	the cause of the Black Death: • Caused by a miarma, an toxil air! • a nunichment by Cod	Medieval towns were probably filthy.	
Monastery	A building or buildings occupied by a community of monks living under religious vows.	for the sins of the people. • A witch had cast	Garbage and human waste was thrown into the street Houses were made of wood, mud and dung.	
Chronicles	A written account of important historical events, usually written by monks	had poisoned the wells.	• Rats, lice and fleas flourished in the rushes strewn over the clay floors of people's houses, often changed only once a	
Buboes	A swollen, puss-filled lump in the armpit or groin. They could fill with a deadly, smelly black goo. If they burst inside you, the toxin would kill you	There were 3 different types of plague Bubonic, Pneumonic and Septicaemic	year.	
Apothecary	A person who prepared and sold medicines	Who healed the sick in medieval England?		
Peasant	A poor person of low social status who works on the land.	The Middle Ages was a grim time to be poorly		
 What about her story? The law, set by men, greatly limited the freedom of women. Men held all the top jobs in the Middle gaes – kings, knights. 		 Medieval doctors <u>did not have a clue</u> what caused disease. Most doctors still believed the Greek theory from Galen, a doctor during the Roman Empire, that yo ill when the 'Four Humours' became unbalanced 		

were widows.
A lot of the evidence from Middle Ages is from monks - Monks had no contact with women so they were hardly mentioned.

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Year 7

History





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Who were England's Medieval monarchs?

Medieval monarchs believed that they had been appointed by God. People in the Middle Ages obeyed the monarch because they believed the king or queen was chosen by God to rule over them

- Monarchs gained legitimacy because they inherited their power from a previous monarch
- Female monarchs were seen as weak because they could not lead an army into battle
- Monarchs could gain power and legitimacy by showing their military strength by winning battles
- Monarchs needed the support of powerful people, such as the barons or the Pope

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• Monarchs needed to be popular. Unpopular monarchs could be rejected or face rebellion

The Murder of Thomas Becket

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Chronology						
Jan- Oct 14 th 1066						
1066- 1087						
1087-1100						
1100-1135						
1135 - 1154						
1154-1189						
1189-1199						
1199-1216						
1216-1272						
1272- 1307						
1307 – 1327						
1327-1377						
1377-1399						

In the Middle Ages, it was unclear whether the King had more power than the Church. This was demonstrated in the story of Thomas

- Becket: In 1162, Henry II named his friend Thomas Becket as Archbishop of Canterbury.
- Henry wanted Becket to force priests to use the King's Courts, instead of getting away with light punishments in the church courts.
- He also wanted Becket to help him control the bishops.
- When Becket refused to do this, the two men fell out.
- In a rage, Henry shouted "Will no one rid me of this troublesome priest?".
- A group of knights overheard him and murdered Becket.
 - Henry was horrified when he heard of Becket's death and ordered monks to whip him to show he was sorry.

Year 7 – History – Could medieval monarchs always do whatever they wanted?



King John- Why was John unpopular?

- John was forced to introduce a new land tax to repay money that his brother, Richard I, had borrowed to pay for the Crusades.
- The French invaded English territory in Normandy. John tried to win it back but lost the Battle of Bouvines in 1214. He was nicknamed 'Softsword'
- John tried to force the Church to accept his choice for Archbishop. In response, the Pope excommunicated John and stopped church services in England.

Baron's Revolt 1215

- In May 1215, 40 English barons rebelled against King John. With support from the French and Scottish, they formed an army and captured London.
- John met the rebels at Runnymede, near London and agreed to Magna Carta.

Magna Carta

 Magna Carta – or 'Great Charter' – was a document signed by King John limiting the power of kings. It was the first time that a set of rules had been written for the king.

The most important parts:

- Gave all free men the right to trial by jury
- Limited the amount of tax the barons had to pay
- Limited the power of the King over the Church



SWB Year 7 – History – Could medieval monarchs always do whatever they wanted?

Monarch	A head of state (normally a King, Queen)				
Prerogative	A right or privilege that only the monarch could use				
Rebellion	When ordinary people rise up against government.				
Poll Tax	Money that everyone had to pay (Tax)				
Church courts	Places where church men were punished				
Legitimate	Proper and right, accepted by everyone				
Great Council	A group, including the king and his barns, that met to discuss how the country should be run. Simon de Montfort called the first meeting in 1265 which became the first parliament.				
Magna Carta	A document or Great Charter that set out English peoples' rights. King John was forced to sign it in 1215 agreeing that kings had to obey the law				
The Provisions of Oxford 1258	Barons, fed up with high taxes produced a document for the King to sign				
Parliament	During Henry III's reign, Parliament became increasingly important. Parliament was the name given to the occasions when all the barons met with the king and each other, usually at Westminster, but also elsewhere. The idea grew up after Magna Carta that the king could only gain extra taxes by asking the barons first.				
The Lords	Rich barons and bishops who met in the House of Lords. The right to attend passed from father to son.				
The Commons	Men chosen to be part of parliament. The men voted for were usually the richer people of the town or land owning knights.				

The development of English parliament

- The first Parliament was called in 1265 during the reign of Henry III.
- It included not only the Kings council but also two ordinary people from each large town and two knights from each county in England.
- These new meetings or Parliaments could collect money for the king (taxes) , agree to new laws and give advice to the king.



- Most people in England were peasants. They grew all the food but owned no wealth and lived in poverty. They were led by John Ball, a priest who questioned this inequality.
- In 1348, the Black Death killed 50% of the population. The few peasants who survived could demand higher wages and this led to increasing tension between rich and poor.
- In 1381, the government introduced a new tax the poll tax.
 Everyone paid the same. The peasants thought it was unfair that a rich man should pay the same as them

What happened in the peasants revolt?

- 50,000 rebel peasants marched to London and camped on Blackheath, south of the River Thames
- The 14 year old king, Richard II, took his barge down the Thames to meet the rebels but turned back when he saw the size of their force,
- In response to this rejection, the rebels attacked the city. They broke in to the Tower of London and executed Sir Robert Hales, the king's unpopular advisor, and the Archbishop of Canterbury.
- Richard finally met Wat Tyler, the leader of the rebels, at Smithfield. The king agreed to Tyler's demand for a Magna Carta for all people making all men equal under the king.
- When Tyler was stabbed and the violence seemed ready to start again, Richard calmed the situation by saying "You shall have no other captain but me." The rebels went back home.
- Richard went back on his word. He did not make everyone equal under the king. The leaders of the rebellion were executed



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Him on the Day of Resurrection'.

Year 7 – PRE – Term 2: How useful is scripture in a time of need?

	How do Islamic Scriptures teach Muslims to	What an we learn fro	om the Sikh scriptures?	What are the most u	useful elements of
Key Words: Scriptures: The sacred writings of a religion Guru Granth Sahib: The central religious scripture of Sikhism, Punjabi: The language in which the Guru Granth Sahib is written Chauri: A fan waved over the holy book made from Yak's hair Qur'an: Holy book of Muslims Prophet: Messenger from God Revelation: When a human being receives knowledge from a divine source Torah: Holy book of the Jews. Commandment:	 Ive their lives? The Qur'an is the holy book for Muslims, revealed in stages to the Prophet Muhammad over 23 years. Muhammad could not read or write, but was visited by the Angel Jibril and told to 'recite'. Though he said he could not read, he was able to still recite the words of the Qur'an. The Qur'an is seen as the sacred word of God, and Muslims believe it corrects any errors in previous holy books. The Qur'an is written in Arabic At the time of the revelation of the Qur'an, books were not readily available and so it was common for people to learn it by heart. Committing the Qur'an to memory helped for it to pass down over time, and any person who is able to accomplish this is known as a hafiz. Muslims must wash before touching the Qur'an. They must never place it on the floor, and it must be kept on the highest shelf to show its importance. The Hadith are the Prophet Muhammad's teachings about how to live life according to the Qur'an. If a Muslim is facing a difficult situation, they might look to the Hadith to see if the Prophet ever had to deal with a similar issue. So, the Qur'an are the words of God, and the Hadith are the sayings of the Prophet Muhammad. 	 How do Sikhs treat the Guru Granth Sahib? In Sikhism, there were 10 human Gurus (teachers) who taught people about God and how to live. When Guru Gobind Singh, the 10th Guru, was near death, he declared that there would be no more human gurus, but that the Guru Granth Sahib, the holy book, would now be the 'Living Guru' and would continue to teach Sikhs today. Sikhs treat the book as though it were a human guru; they give it its own room in the Gurdwara, use a chauri to fan it, and they do not point their feet towards it. They bow to it and place it on a throne in the Gurdwara 	 What does the Guru Granth Sahib teach? The Guru Granth Sahib contains teachings about God, stories about the lives of the Gurus, hymns and key teachings about how Sikhs should live their lives. It has writings from Hindus, Muslims and Sikhs within it. Some of the key teachings in the book are those about equality, as Guru Nanak, the founder, taught about the importance of everyone being equal. 	 Jewish script The complete selection of text) is called the Tenakh. The Tenakh is compiled of Torce This is the most imported It contains the 613 rule must follow. Within the Commandments. The Torah plays a big p today as it is believed All Jews use the Torah their lives, but some Jestrictly than others. The words of the Torah and are written in scrop place called the Ark w synagogue. They camr yad (pointer) is used to the history of the Jewish people, for example the life of the prophets, who were important teachers. 	f Jewish scripture (holy f Jewish scripture (holy f 3 sections: th ant section s (mitzvoth) that Jews se rules are the 10 boart in the lives of Jews to be the word of G-d. to help guide them in ews use the Torah more are written in Hebrew, Ils which are kept in a which is in the not be touched, so a be help to follow along. Ketuvim - These are writings which contain many stories and themes. - Included within the Ketuvim are hymns, for
Commandments: Rules or laws which Jews must follow Ark of the Covenant: Where the Torch is kept in	Think about how a Muslim may live their life, based on these quotes: 'you should show courtesy and be cordial with each other, so that nobody should consider himself superior to another nor do him harm'.	Takht.		Ē	example the Psalms, which is a collection of writings in praise of G-d.
the synagogue Yad: A pointer used to point to the writing in the Torah as you are not allowed to touch it.	 It is before for a leader to make a mistake in forgiving than to make a mistake in punishing? 'God does not judge you according to your bodies and appearances, but He looks into your hearts and observes your deeds'. 'Do not turn away a poor maneven if all you can give is half a date. If you love the poor and bring them near youGod will bring you near 	Key quotes from the Guru Granth Sahib. Think about how a Sikh may live their life, based on these quotes: 'All are made of the same clay' 'Show kindness and mercy to all life' 'We are the sons of the one God there is no Hindu and no Muslim'		Key Quotes from the Torah: Think about how a Jewish person may live their life, based on these quotes: 'You shall have no other Gods before me' 'You shall not take the name of G-d in vain' 'Remember to keep the Sabbath day holy' 'Do not commit murder' 56	