# 100% book - Year 7 Mainstream

Aim to memorise 100% of the knowledge on these Knowledge Organisers



# Term 4

Swindon	Academy 2023-24
Name:	
Tutor Group:	
Tutor & Room:	

"If you are not willing to learn, no one can help you.

If you are determined to learn, no one can stop you."



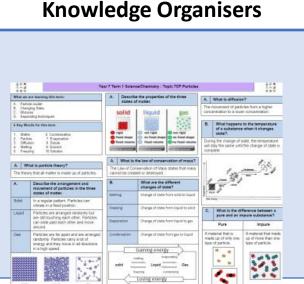






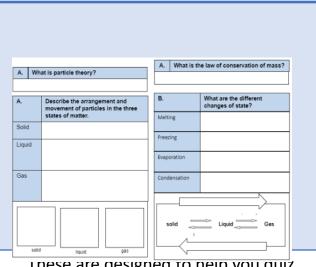


# Using your Knowledge Organiser and Quizzable Knowledge Organiser



Knowledge Organisers contain the essential knowledge that you MUST know in order to be successful this year and in all subsequent years.

They will help you learn, revise and retain what you have learnt in lessons in order to move the knowledge from your short-term memory to longterm memory.



**Quizzable Knowledge Organisers** 

yourself on the essential Knowledge.

Use them to test yourself or get someone else to test you, until you are confident you can recall the information from memory.

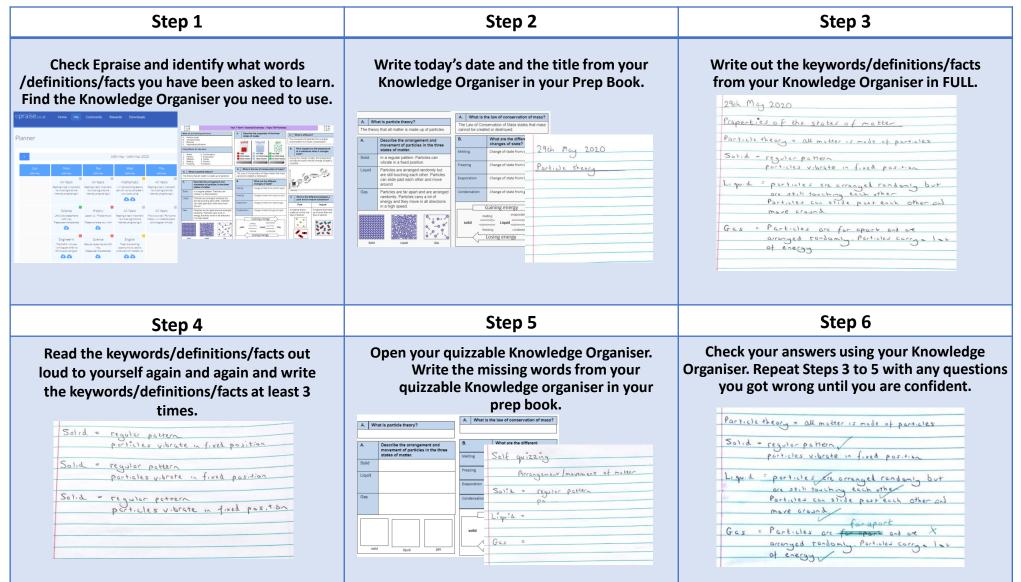
# Тор Тір

Don't write on your Quizzable Knowledge Organisers! Quiz yourself by writing the missing words in your prep book. That way you can quiz yourself again and again!

# Expectations for Prep and for using your Knowledge Organisers

- 1. Complete all prep work set in your subject prep book.
- 2. Bring your prep book to every lesson and ensure that you have completed all work by the deadline.
- 3. Take pride in your prep book keep it neat and tidy.
- 4. Present work in your prep book to the same standard you are expected to do in class.
- 5. Ensure that your use of SPAG is accurate.
- 6. Write in blue or black pen and sketch in pencil.
- 7. Ensure every piece of work has a title and date.
- 8. Use a ruler for straight lines.
- 9. If you are unsure about the prep, speak to your teacher.
- 10. Review your prep work in green pen using the mark scheme.

# How do I complete Knowledge Organiser Prep?



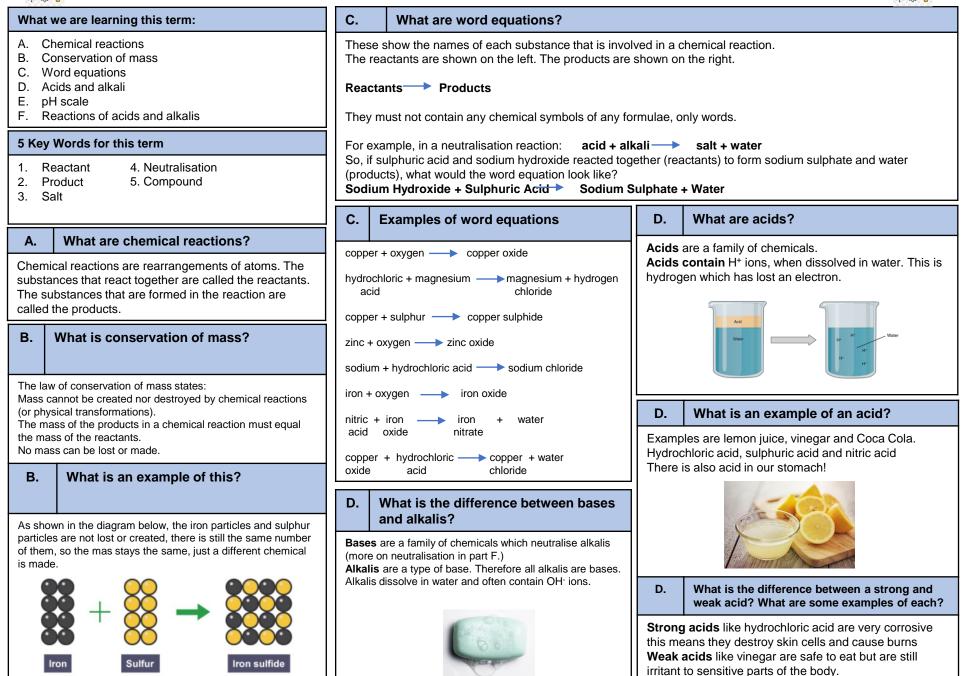
Make sure you bring in your completed Prep notes to demonstrate that you have completed your prep.

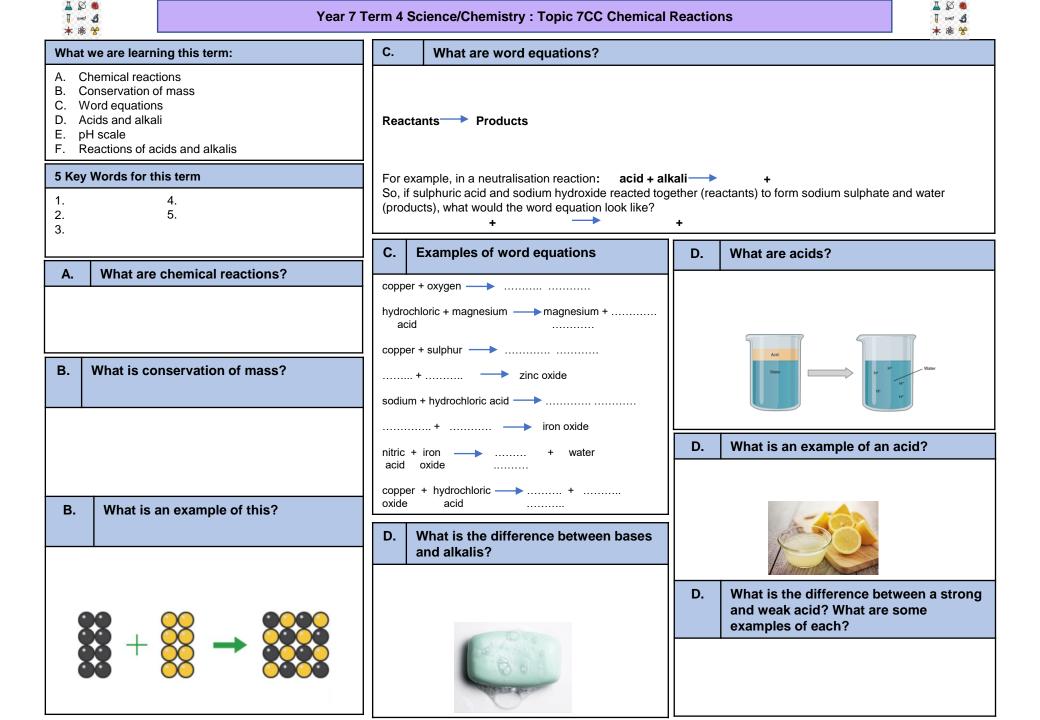
	<u>Year 7 Poetry</u>	Tenor, vehicle, g	round			
Metaphor						
precise. • A <b>literal</b> d • Something	escription tells what actually happens. g that is literal reports on events. ble would be 'he is lazy'	A <b>metaphor</b> has three parts: <b>The tenor</b> : the thing you want to try and describe to your audience. <b>The vehicle</b> : The imaginative idea you compare it with to help your audience understand it. This is the 'made up' bit. <b>The ground</b> : the thing the tenor and the vehicle have in common.				
<ul> <li>A metaph happens.</li> <li>A metaph bringing id</li> </ul>	something is a <b>metaphor</b> it is <b>not literal</b> . For does <b>not report on what actually</b> for tells us more about something by deas together. The would be 'he is a couch potato'	Here is an example: 'Achilles fought like a lion' (both Achilles and the lion are strong) Achilles is the tenor because he is the thing being described. The lion is the vehicle because it is the imaginative idea Achilles is compared to. The ground is that they are both strong because this is what they have in common.				
	The poems and their key metaphors					
1	'Fog' – Carl Sandburg, 1878 – 1967 'The fog comes on little cat feet'		Both 'the fog' and the 'little cat feet' are grey, delicate and move gently.			
	'November Night' – Adelaide Crapsey, 1878 'like steps of passing ghosts,/ The leaves, fro break from the trees and fall'		Both 'the leaves' and 'the steps of passing ghosts' rustle softly.			
Contraction of the second	'Dreams' – Langston Hughes, 1902 – 1967 ' if dreams die/ Life is a broken-winged bin fly'	rd/ That cannot	Both a life without dreams and 'a broken-winged bird/ That cannot fly' are sad and wasteful.			
	'Sally' – Phoebe Hesketh, 1909 – 2005 'She was a dog-rose kind of girl:/ Elusive, sca	attery as <b>petals</b> '	Both Sally and 'a dog-rose' are wild and not traditionally beautiful.			
A	'Frogs' – Norman MacCaig, 1910 – 1996 'In mid-leap they are/ parachutists falling/ in ' their ballet dancer's/ legs'		Both frogs and 'parachutists' leap into the air and spread out when they fall. Both frogs and ballet dancers have powerful and elegant legs.			
1	'The Eagle' – Alfred, Lord Tennyson, 1809 – 1 'And like a thunderbolt he falls'	892	Both the eagle falling and 'a thunderbolt' are fast and dangerous.			
	<ul> <li>'A Case of Murder' – Vernon Scannell, 1922</li> <li>'The cat, half-through, was cracked like a n</li> <li>' the wound of fear gaped wide and raw'</li> </ul>	ut'	Both the cat being slammed in a door frame and a nut being broken make a cracking sound. Both 'fear' and a 'wound' can be painful and can get worse. Both fear and			
1 Alexandre	' <b>the huge black cat</b> pads out' (the cat tu into vehicle for the <b>boy's fear</b> )	urns from tenor	a 'huge black cat' are haunting and can sneak up on you.			

	<u>Year 7 Poetry</u>	Tenor, vehicle, g	round			
Metaphor		A <b>metaphor</b> has	three parts:			
-	age: if something is literal it is accurate or	The tenor:				
• Something	escription tells what actually happens. g that is literal reports on events. ple would be 'he is lazy'	The vehicle: The ground:				
<ul> <li>A metaph happens.</li> <li>A metaph bringing id</li> </ul>	something is a <b>metaphor</b> it is <b>not literal</b> . For does <b>not report on what actually</b> for tells us more about something by deas together. The is a couch potato'	Here is an example: 'Achilles fought like a lion' (both Achilles and the lion are strong) Achilles is the tenor because he is the thing being described. The lion is the vehicle because it is the imaginative idea Achilles is compared to. The ground is that they are both strong because this is what they have in common.				
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705	'The fog comes on little cat feet'	1014				
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	break from the trees and fall'	si –crisp u,				
Contraction of the second	'Dreams' – Langston Hughes, 1902 – 1967 ' if dreams die/ Life is a broken-winged bi fly'	rd/ That cannot				
	'Sally' – Phoebe Hesketh, 1909 – 2005					
1.5	'She was a dog-rose kind of girl:/ Elusive, sco	attery as <b>petals</b> '				
and the second	'Frogs' – Norman MacCaig, 1910 – 1996 'In mid-leap they are/ parachutists falling/ in	n a froo fall'				
	" their ballet dancer's/ legs'	n a nee lan				
Z	'The Eagle' – Alfred, Lord Tennyson, 1809 – 1	892				
	'And like a thunderbolt he falls'					
	'A Case of Murder' – Vernon Scannell, 1922					
	'The cat, half-through, was cracked like a n					
	" the wound of fear gaped wide and raw"					
	' <b>the huge black cat</b> pads out' (the cat tu	urns from tenor				
-	into vehicle for the <b>boy's fear</b> )					



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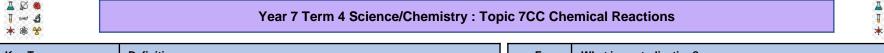


# Year 7 Term 4 Science/Chemistry : Topic 7CC Chemical Reactions

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Key	Terms		0	Definitions					11	F.	What is neutralisation?									
Acid			A	A substance which forms H <sup>+</sup> ions.							When an acid reacts with a base a neutralisation reaction occurs, thi									
Alkal	i		A	A solub	le base	e that co	ontains	oH- io	ons							means	s what you ma	ke has a pl	H of 7.	
Base			A	A subst	tance th	nat will r	neutral	ise an a	acid							F.	What are th	e produc	ts of a neutr	alisation reaction?
The p	oH scale	e	ŀ	A scale	which	measur	re how	acidic	a subs	tance is	S							-		
Indica	ator			A chem substar		ich will	chang	e colou	ır depe	nding o	on the a	icidity c	of the			When water.		reaction ha	appens, the <b>pr</b>	oducts are a salt and
E	What	t is th	e pH :	scale	?											F.	What is an	example	of a neutralis	ation reaction?
• • •	The p The p highe	H scal H scal r the c	le runs le mea oncen	easures how strong an acid or alkali is ns from 0-14 easures the concentration of H <sup>+</sup> ions, the lower the number the entration.						<ul> <li>Farmers spread alkalis onto fields to neutralise the acid in the soil.</li> <li>Another example is indigestion. When there is too much acid in our stomach, we neutralise this with alkali tablets</li> <li>E. How do you name the salt that is made in a neutralisation reaction?</li> </ul>										
•	Alkalis	s have	apH	betwe	en 8 a	nd 6, p nd 14, <b>ıtral</b> , fo	8-10	weak a	alkalis					6		To nan part of Hydroo Nitric a		ed to use t he acid to t es <b>chlorid</b> t <b>es</b>	he metal from t form the secon <b>es</b>	<b>made</b> the alkali to form the firs d part of the name
		1	Acidi	С		N	eutro	al		A	lkaliı	ne				1	Alkali		Acid	Salt?
						$\frown$								$\frown$		Calciu	m hydroxide	Hydro	ochloric acid	Calcium Chloride
																Magne	esium oxide	N	itric acid	Magnesium Nitrate
																Calciur	Calcium carbonate Su		ohuric acid	Calcium Sulphate
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14		Aluminiu	um hydroxide		itric acid	Aluminum Nitrate
																Potassi	um hydroxide	Sulp	phuric acid	Potassium Sulphat

Reactants	General equation	Example						
Acid and Alkali	Acid +Alkali → Salt + Water	Sodium Hydroxide + Sulphuric Acid $\rightarrow$ Sodium Sulphate + Water						
Acid and Metal Carbonate	Acid + Metal Carbonate→ Salt + Water +Carbon Dioxide	Hydrochloric acid + Magnesium Carbonate $\rightarrow$ Magnesium Chloride + Carbon Dioxide + Water						
Acid and metal Oxide	Acid + Metal Oxide → Salt +Water	Sulphuric acid +Calcium Oxide → Calcium Sulphate + Water						



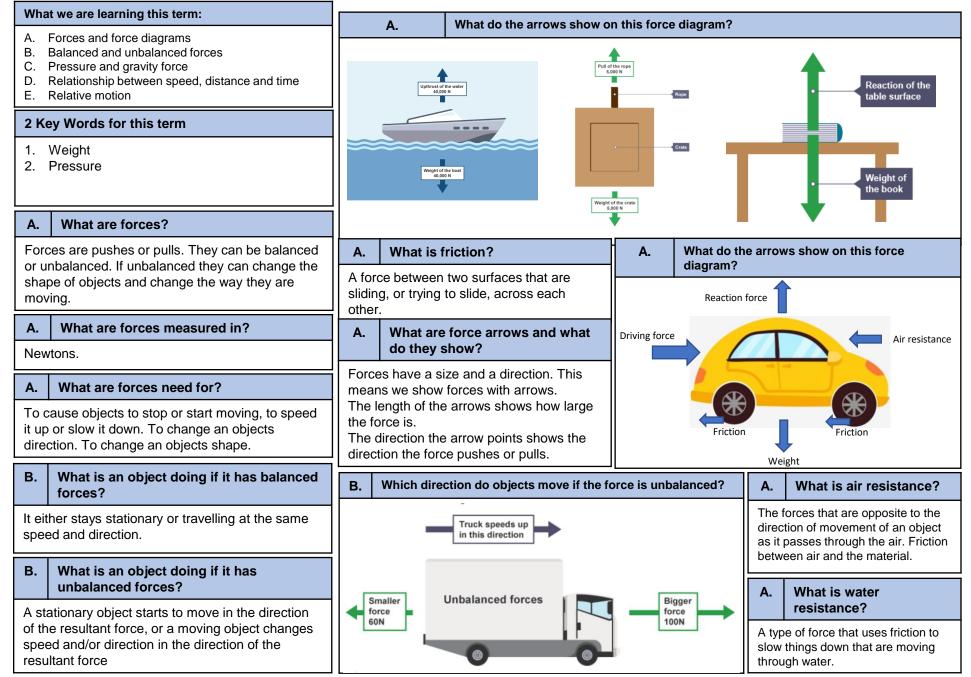
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U	E-MC <sup>2</sup>	\$	
*	8	8	

Key Terms	Definitions		F. WI	nat is neutralisation?	
Acid					
Alkali					
Base			F. Wi	nat are the products of a neutralisation	reaction?
The pH scale					
Indicator					
			F. Wi	nat is an example of a neutralisation rea	action?
E What is the pH s	scale?				
•					
E. What do the n	umbers on the pH scale correspond to?		E. How do reaction	you name the salt that is made in a	neutralisation
			Teaction	1	
			Alkal	i Acid	Salt?
			Аікаі	i Acia	Sait?
			Calcium hyd	droxide Hydrochloric acid	
			Magnesium	n oxide Nitric acid	
			Calcium car	bonate Sulphuric acid	
0 1 2 3	4 5 6 7 8 9 10 1	1 12 13 14	Aluminium hy	/droxide Nitric acid	
			Potassium hy	ydroxide Sulphuric acid	
Reactants	General equation	Example			

Reactants	General equation	Example					
Acid and Alkali	Acid +Alkali → +	Sodium Hydroxide + Sulphuric Acid → +					
Acid and Metal Carbonate	Acid + Metal Carbonate→ Salt + Water +Carbon Dioxide	Hydrochloric acid + Magnesium Carbonate →+++					
Acid and metal Oxide	Acid + Metal Oxide → Salt +Water	Sulphuric acid +Calcium Oxide → +					



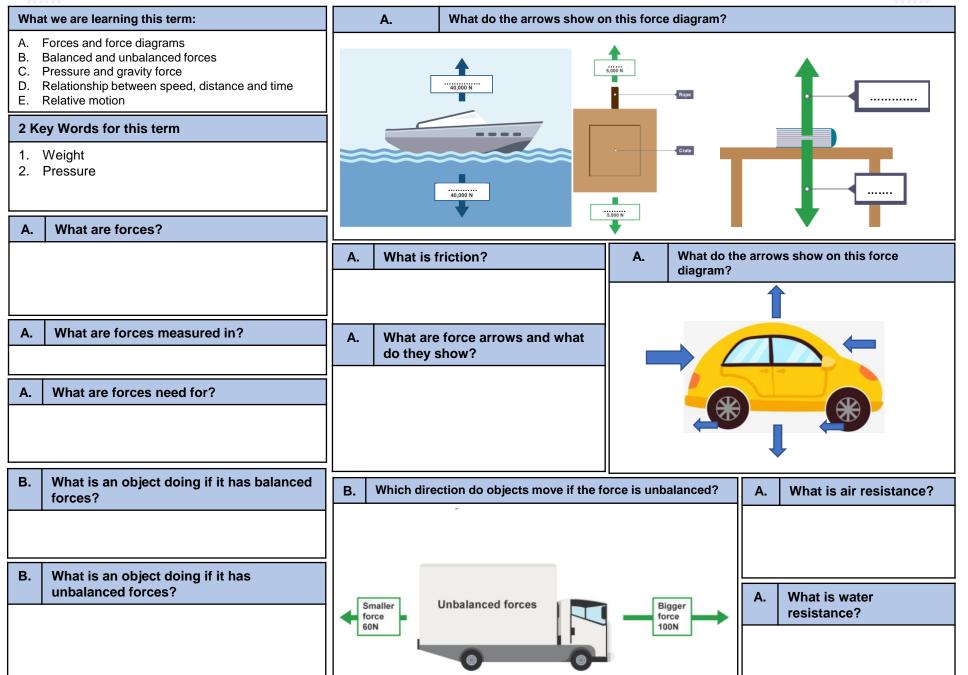






#### Year 7 Term 4 Science/Physics : Topic 7PF Forces





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С.	What is the equatio	n to calculate pressure?	D.	What is on the h	norizontal and vertical axis on a distance time graph?
	$P = \frac{F}{a}$	$P = Pressure (N/m^2)$ F = Force (N) $a = Area (m^2)$	A distance tim axis.	e graph shows the	time on the horizontal axis and the distance on the vertica
С.	What does the size upon?	of the pressure depend	D.	What does the li stationary?	ine look like on a distance time graph if an object is
The si	-	pends on the force applied by	If an object is	stationary (not mov	ving) the line will be horizontal.
	pject and the surface a		D.	What does the li moving at a con	ine look like on a distance time graph if an object is
C.	What is an examp exerts high press	ble of an object which ure?	If the line has	_	e object is moving at a constant speed.
	or knife They have a lo d end), so high pressu	ow surface area (at the ure.	D.	What does the s	steepness (gradient) of the line show?
C.	What is an examp high pressure?	le of an object which exerts	The steepness	s (gradient) of the li	<sup>10</sup>
	shoes. Large surface and doesn't sink into the	area so low pressure so the snow.	Higher gradient = faster spee	d	9 stationary 8 distance 7
<b>C</b> .	What is the equation	s to calculate gravity force?			in m 6 steady speed
We	$eight = mass \times gravi$	tational field strength (g)			5
On Ea	arth g=10 N/kg.		Lower gradient = lower spe		3 steady speed returning to start
D.	What is the equatio	ns to calculate speed?			2
	speed =	$=rac{distance}{time}$			1 0 0 1 2 3 4 5 6 7 8 9 10 time in s
			I I		

It is the motion of one thing compared to another.

For example, if you have travelled in a car on the motorway, you may have noticed that other cars passing by appear to move slowly past you, even though you know the actual speeds of the two cars are very high. This is because of their relative motion to each other.

Or maybe, when driving in the car a train doesn't appear to be moving very quickly when in fact it is.

E.	E. How do you calculate relative motion?								
Situation		Relative speed							
	oving in the same direction r away from, each other	Fastest speed – slowest speed							
-	oving in opposite directions r away from, each other	Add the two speeds together							





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C.	What is the equation to calculate pressure?	D.	Wha	at is on the h	orizontal and vertical axis on a distance time graph?
C. C. D.	What does the size of the pressure depend upon?         What is an example of an object which exerts high pressure?         What is an example of an object which exerts high pressure?         What is an example of an object which exerts high pressure?         What is the equations to calculate gravity force?         What is the equations to calculate speed?	D. D. D. Higher gradient =	Stati Wha mov	ionary? at does the lin ving at a cons	ne look like on a distance time graph if an object is stant speed?
E	. What is relative motion and what is an exa	mple of this?		E.	time in s How do you calculate relative motion?
				Situation	Relative speed



# Geography Knowledge Organiser: Year 7 Term 4 Geology



	A. How are the three rock types distributed around the UK?				Impacts of quar	rying	В.	What an types?	re the characteristics of the main rock
found in south ea London.MetamorphicMetamor found in Scotland GrampiaIgneousIgneous widely a concent Grampia district a		in the low east of th n. horphic re	entary rocks are mainly in the low lying areas in the east of the UK below n. horphic rocks are mainly in the north of the UK in		PositivesNegatives• Money goes into local economy and created jobs/ taxes for council • Helps diversify• Its an eyesore • Dust created from mining, blasting and transporting • Thousands of trees			nentary	Built up by layers of rock being compacted on top of each other. They may contain fossils. Have different stone types mixed in to their layers and are easier to break or erode.
		Scotland. They make up the Grampian mountain range. Igneous rocks are scattered widely across the UK. There is a concentration around the Grampian mountain range, lake district and Snowdonia national park in Wales.			<ul> <li>the economy (makes it more stable)</li> <li>Potential for investment in local infrastructure</li> <li>Rocks available</li> <li>are cut down</li> <li>Noise created from blasting is disruptive</li> <li>The resources will eventually run out leaving unemployment and scar on the</li> </ul>			norphic	Created when sedimentary rocks are put under extreme heat and pressure but not melted. You are able to see the layers but they are much closer together. They will not contain crystals or fossils and they are much stronger than sedimentary rocks.
C.			y steps in the rock o		for consumers	landscape	Igneo	us	Created when melted rock (magma) is cooled. They will often have tiny crystals in them (intrusive) or have burnt appearance.
Weathering ar erosion		-	-	led and transported to the sea by rivers.					They do not contain fossils and are extremely strong.
Sedimentary			orm layer on the sea a sedimentary rocks.	bed. Oʻ	ver time, the layers	get compacted and harden	D.	What is period	s the difference between an era and a ?
Metamorphic				ner down towards the mantle. They are put under but not melted. This forms metamorphic rocks.			Era	<u> </u>	Time divided into significant events in the Earth's history.
Igneous (intru	sive)	surfac		orm magma (molten rock) . This rises to the towards the ools to form intrusive igneous rocks in a process called					
Igneous (extru	isive)	Some				arth as a volcanic eruption	Perio	a	Basic unit of geological time in which a single type of rock is formed.
E.	W	hat is we	athering?						
Freeze—thaw weathering (mechanical)         Water falls into cracks in a rock, freezes and expands. Repeated free					kpands. Repeated freezing and	d thawing	g (melting)	oforces the rock apart.	
Onion skin we (mechanical)				neated	and cooled. The out	er layers of the rock begin to fla	ake off li	ke an onic	on.
Biological weathering This is caused by living organisms (plants/animals). Seeds of animals can also break soft rocks like clay.					janisms (plants/anim t rocks like clay.	nals). Seeds of plants fall into c	racks wl	nere they	grow and force the rock apart. Burrowing
Chemical wea	thering		Rainwater is slightly	acidic.	It reacts with the ch	emicals in some rocks gradual	lly disso	ving them	away. Limestone is very vulnerable to this.



# Geography Knowledge Organiser: Year 7 Term 4 Geology



Α.	How are t around th	the three ne UK?	rock types distributed	F.	Impacts of quar	rying	В.	What a types?	re the characteristics of the main rock
Sedi	mentary			Positi	ives	Negatives	Sedim	nentary	
Meta	imorphic								
lane	Igneous					Metan	norphic		
Igneous									
							Igneo	us	
	<b>C</b> .	What are	e the key steps in the rock c	ycle?					
Wea erosi	thering and ion								
Sedi	mentary						D.	What is period	s the difference between an era and a ?
Meta	Metamorphic					Era			
Igne	Igneous (intrusive)								
						Perio	d		
Igne	ous (extrusi <sup>,</sup>	ve)							

E.	What is w	eathering?
Freeze—thaw weath (mechanical)	nering	
Onion skin weatheri (mechanical)	ng	
Biological weatherin	g	
Chemical weatherin	g	

### Year 7 History : Challenges to medieval kings

What we are	e learning this t	term:	E.	Con			n, Henry II and Richard II	C.	King John, the Barons and Magna Carta – a political challenge	
	were the challe leal with them?	llenges to medieval kings and how well did the						What	John had lost many wars with France which	
A. Keywo	ords /			Similarities			Differences	mistakes did King	made him look weak (he had the nicknames lackland and soft sword).	
C. King Jo D. Comp	John, the Baron paring the reigr	ween Becket and King Henry II – a religious challenge ons and Magna Carta – a political challenge gns of King John, Henry II and Richard II causes of the Peasants Revolt	Religi ous	King John and Henry II both had issues with the church. John wanted to abolish church courts and Henry wanted to choose his bishops	• + E }	Becket the Archbish had crowned Henry punishment from th	ntrol of the church courts and had conflict with hop of Canterbury. This led to the bishops who y's son Richard got excommunicated as a	John make that led to the barons rebelling.	These defeats meant that the barons lost land they owned in France. John kept asking for a number of taxes to pay for his wars which he carried on loosing. John was seen a cruel man – he made blind monks homeless and may have murdered his nephew.	
Α.	Can you def	fine these key words?		/	(		d to the Pope excommunicating him and		John fell out with the pope over who got to promote bishops. This led to England being	
Epidemic	a widesprea	ad outbreak of an infectious disease		/ /	1	putting englatio ono	Jer Interaict		placed under interdict meaning all church was cancelled. The barons feared for their souls and	
Leniency	Being merci	ciful or tolerant towards someone		/ /	1				was angry with John. John started fining the barons for many different	
Pardons	Letters from	m a king forgiving a person for a crime.	Politi	In all 3 cases there are			Barons – King John is the only medieval king		things and made them pay large taxes when they	
Statute	a law		cal	conflicts/ violence brought about because		demanded that they	olitical conflict. This was with the Barons who by be treated better and made attempts to limit		inherited land.	
Martyr	Somebody v	who is willing to die for their beliefs.		people are challenging the absolute (complete)	1 '	the power of the kir	ng through Magna Carta.			
Political	-	o politics (eg. Who is in charge, who has power, the ment, barons ect.)		power of the kings. This has come from 3				What were the key points of	Short term • a £100 limit on the tax barons had to pay to inherit their lands	
Social	Referring to food and ho	o people's lives (living conditions, wages, access to ousing ect.)		different sources: the barons, the people and the church.	1			, Magna Carta?	<ul> <li>the king could not sell or deny justice to anyone</li> <li>the royal forests were to be reduced in size</li> </ul>	
Religious	-	o religion (different religions, priests, popes, bishops, rotestant ect.)		<u> </u> '	<b> </b>	<u> </u>			an heir could not be made to marry someone     of a lower social class	
Interdict		panning all religious services in a country as a at for supposed sinful activity committed in that country ler	Social	King John, King Henry and Richard II all lost social support but for a variety of different reasons	F	France and also due meant that backing	cial support due to losing land and wars in e to the supposed 'murder' of his nephew. This g was behind the Barons. Fort after public death of Becket (was whipped		<ul> <li>foreign knights had to be deported</li> <li>no-one could be arrested on the accusation of a woman</li> <li>Long term</li> </ul>	
Labour Service	Free labour	r peasants were expected to do for knights and barons		'	• F	at Beckets tomb as Richard – Poll Tax, L			Eventually it gave everyone freedoms such as stopping people being arrested for no reason	
Coronatio n		omeone to be the new king. In medieval England this one before the previous king had died.						Why is it	Still forms parts of English law. Additionally most	
В	3.	Disagreements between Becket and King Henry II – a reli	igious chall	lenge		D.	King Richard I	and causes of th	he Peasants Revolt	
Banning of C Courts		Henry II wanted to get rid of the church courts an appo Canterbury to do so in 1162. However once Thomas be refused to get rid of them.	pointed his fried Thomas Becket as Archbishop of			Labour Services	Ever since 1066 most peasants (known as villain: barons). Some peasants, known as freeman, did freeman ending the free labour they had to do f	l not want to do t	e labour services their local lords (knights and this work. Peasants wanted everyone to become	
son	of the king's	After the argument over church courts Becket fled to Fi Henry II wanted to have his son Richard I crowned to be archbishop of Canterbury to do it. With Becket out of th job instead.	e the next k he country	king. However he needed the y Henry II got other bishops to do	do the	The impact of the Black Death on wages	labour shortage. Now the peasants were in dem were upset by this and got King Richard II to pas	and they could d a law limiting h	land in 1348. This meant that there was a severe demand more money for their work. The barons now much a peasant could earn and banned them e the peasants angry as they now had their earnings	
Excommunic bishops	cation of the	In 1170 Becket and Henry made up and Becket returned excommunicated the other bishops. This made Henry II of this troublesome priest". This led to four knights goin Becket.	nry II very angry and he shouted, "will no one rid			Poll taxes		emanded a number of Poll Taxes to fund his losing war with the to pay a tax and impacted the poorest in society most of all. The tax of er person over 15.		

### Year 7 History : Challenges to medieval kings

What we are learning this term:	D.	Comparing	the reigns of King John, Henry II and Richard II		C.	King John, the Barons and Magna Carta – a political challenge
<ul> <li>How similar were the challenges to medieval kings and how well did the monarchs deal with them?</li> <li>A. Keywords</li> <li>B. Disagreements between Becket and King Henry II – a religious challenge</li> <li>C. King John, the Barons and Magna Carta – a political challenge</li> <li>D. Comparing the reigns of King John, Henry II and Richard II</li> <li>E. King Richard II and causes of the Peasants Revolt</li> </ul>	Religi ous	Similarities	Differences		What mistakes did King John make that led to the barons rebelling.	
A. Can you define these key words?	1					
Epidemic						
Leniency						
Pardons Statute	-					
Martyr	Politi			_	What were the key	
Political	cal				points of Magna	
Social	1				Carta?	
Religious	]					
Interdict	Social					
Labour Service	1				Why is it	
Coronation					still relevant today?	
Benefits of the clergy					,.	

		Ε.	King Richard II and causes of the Peasants Revolt
В.	Disagreements between Becket and King Henry II – a religious challenge		
Banning of Church Courts		Labour Services	
Coronation of the king's son		The impact of the Black Death on wages	
Excommunication of the bishops		Poll taxes	

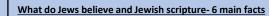




			В.	What do Jews believe and Jewish s	What do Jews believe and Jewish scripture- 6 main facts								
A. Ca	n you define th	ese key words?	1		-			er to be God's representative on earth, you need to be a ws, you cannot convert to Judaism.					
Key word	Key definitio		2	They get these rules from the To	ora	h. The Toral	n contains 61	3 laws that set the standard for Jewish life. This is called the					
Synagogue		here a Jewish congregation ous worship and instruction		Mitzvot and the most important	t ru	lles are know	wn as the Ter	n Commandments.					
Worship	Showing adora	tion and love to God	3					n example, they will be punished- "You alone have I I will punish you for all your inequities"					
Atonement	the action of m	aking amends for wrongdoing	4	The 3 main beliefs: 1. You must	bel	lieve in one	God						
Persecution	· ·	-treatment, especially because cal or religious beliefs			<ol> <li>Jews are a family of people who have been chosen by God as descendants of Abraham to represent God on Earth</li> <li>God made a covenant with Jews that they must obey and follow the rules in the Torah.</li> </ol>								
Genocide		killing of a large number of particular group with the aim of	5		The Torah scrolls are kept in an Ark in a synagogue. The Torah is sung to a special tune rather than spoken. The scrolls are not directly touched, a pointer is used instead so the Torah does not get damaged or smudged.								
Shabbat	A Jewish day		6	Jews believe that Moses was giv helps to give clarification on rule				s was written down later by Jewish teachers. This Talmud its of traditions					
Torah	recorded in the first five books of the Hebre			What is Orthodox Judaism- 5 fa	acts	5		What is Reform Judaism- 5 facts					
Aron Hakodesh	scriptures           A large cupboard that olds the Torah			Torah is literally given by God to M has been passed on from one ger				It emphasizes that the faith is always evolving and changing and believe that they should use reason to help decide their actions, not just blindly follow the Torah.					
Tanakh	law, the proph	iptures comprising the books of ets, and collected writings.	2	Jewish Law should be strictly followed as the Torah is the word of God, it is unchanging and should not be changed over time.				It was the first to adopt gender equality. In 1846, it was announced that women must enjoy identical obligations and rights in worship to men,					
Talmud	and legend.	ewish civil and ceremonial law	3	Orthodox men and women dress very modestly and keep most of their skin covered.			and keep	open to change as the laws given in the Torah are mainly about treating others with respect					
Mitzvot	The 613 laws t life	hat set the standard for Jewish	4	Orthodox men are expected to we Tzitzit and a head-covering as we				They believe the laws in the Torah were suitable at the time but some of them are not relevant anymore.					
D Features of	the synagogue		5	Do not have any physical contact sex unless they are married or im-				Inclusive, inviting as many as possible to take part in the community, trying to create equality and fairness in the world					
Aron hakodesh the Ark of the c	,	Ner Tamid- A light above the aron hakodesh that	Е	What is celebrated during		F	How and w	rhy are Jews persecuted?					
which had	d the tablets of stone on never goes out-		1	Pesach and Yom Kippur? Pesach Commemorates Hebrews being saved from the		1	customs that	a minority religion- They have distinct religious practices and at are different to the rest of society and there are fewer Jewish other religions					
Sefer Torah- a scroll kept inside Bimah- A raised platform			angel of death (10th plague) and their exodus from Egypt.		2		y- People accuse them of being superior because they see as God's chosen people						
the aron Handwritten by covered with a r that is ornately d	mantle or cloth	with a reading desk in the centre where the Sefer Torah is read	2	Yom Kippur- a day to atone for the sins of themselves and their community. Happens on the 10 <sup>th</sup> day after the new year (Rosh Hashanah).		3	responsible means that Romans we	<b>ler myth-</b> Some people believe that Jewish people are e for god killing (deicide) and the crucifixion of Jesus Christ. This t a lot of Christians have hatred towards Jewish people. The ere actually responsible as Jews did not have the power to ple. Jesus himself was actually Jewish					



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В.

an you define these key words?	1							
Key definition	2							
	3							
	-							
	4							
	5							
	5							
	6							
	C.	What is Orthodox Judaism- 5 fa	/hat is Orthodox Judaism- 5 facts What is Reform Judaism- 5 facts					
	1							
	2							
	2							
	3							
	4							
	5							
		What is colobrated during	_					
n the synagogue		Pesach and Yom Kippur?						
- Ner Tamid-	1	Pesach	1	-They are a min	ority religion-			
			2	-Superiority-				
Bimah-	2	Yom Kippur-	3	-Christ-killer my	yth-			
	Key definition     Image: Strategy of the synagogue	Key definition       2         3       3         4       4         5       6         6       6         1       2         3       4         5       6         1       2         3       4         5       5         6       6         1       2         3       4         5       5         fthe synagogue       E         1       1         1       1         1       1         1       1         1       1	Key definition       2         3       3         4       3         5       6         6       6         C.       What is Orthodox Judaism- 5 factor         1       2         3       3         4       3         5       6         6       7         1       2         3       3         4       5         5       7         6       7         7       1         9       9         1       7         1       7         1       7         1       7         1       7         1       7         1       7         1       7         1       7         1       1         1       1         1       1         1       1         1       1         1       1         1       1         1       1         1       1         1       1         1	Key definition         2           3	Key definition     2       3     3       4     4       5     6       6     6       1     7       2     3       3     7       4     7       5     7       6     7       7     1       7     1       1     7       7     1       7     1       7     1       7     1       1     1       2     -Superiority-			

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# Year 7 Term 4 SPANISH Knowledge organiser: Topic = Mi Pueblo

What we are learning the	his term:	C. ¿Cómo es tu casa?	What's your house like?				<u>Key Ve</u>	rbs				
A. Name places in tow B. Describe a town / ci	ity	Mi casa es… acogedor(a) adosado/a	My house is… cosy semi – detached	<u>Ser</u> To be	<u>Tener</u> <u>To hav</u>	e	<u>Hablar</u> To speak	Comer To eat	<u>Vivir</u> <u>To live</u>			
C. Say where you are D. Give and understan E. Saying where thing	nd directions	antiguo/a bonito/a	old pretty	Soy I am	Tengo I have		Hablo I speak	Como I eat	Vivo I live			
F. Talking about distant G. Translation practice		cómodo/a grande moderno/a	comfortable big modern	Eres You are	Tienes You have		Hablas You speak	Comes You eat	Vives You live			
6 Key Words for this te	erm	nuevo/a pequeno/a	new small	Es	Tiene		Habla	Come	Vive			
1. Voy			renovated	s/he is	He/she	has	s/he speaks	s/he eats	s/he lives			
<ol> <li>ir</li> <li>el pueblo</li> </ol>	5. ¿Dónde está? 6. está	muy	very	Somos	Tenem		Hablamos	Comemos	Vivimos			
		bastante	quite	We are	We hav	ve	We speak	We eat	We live			
	A. La Ciudad – The City		Discotions	son They are	Tienen They h		Hablan They speak	Comen They eat	viven They live			
el aeropuerto the airport e café de internet the internet café			nes – Directions		meyn	ave	They opeak	They car				
la calle the Street		A la derecha A la izquierda	To the right To the left	Ε.	Mi Ciuda	id – My cit	t <b>y</b>	F. Key Opinions/ \	erbs across topics			
la capital la catedral	the capital the catedral	Sigue todo recto	Go straight ahead	Cómo es tu b	arrio?	What's y		tener	to have			
el centro comercial	the shopping centre	Por dónde se va	How do you get			neighbourhood like?		ser	to be			
el cine	the cinema	al/a la…?	to?	Es		lťs		ir hacer	to go to do/ to make			
la estación de	the bus station	Dónde está?	Where is?	antiguo/a bonito/a		old pretty		jugar	to play			
autobuses		toma	Take	grande		big		ver	to see			
la estación de servicio	the petrol station	la primera a la	the 1 <sup>st</sup> on the right	, e		historic		escuchar	to listen			
la estación de trenes	the train station	derecha la primera a la	the 1 <sup>st</sup> on the left			important		comprar	to buy			
el estadio	the stadium	izquierda		industrial	1 · · · · · · · · · · · · · · · · · · ·			beber	to drink			
el hospital	the hospital	la segunda	the 2 <sup>nd</sup>	pequeño/a		small		salir	to go out			
el instituto	the school	la tercera	the 3 <sup>rd</sup>	tranguilo/a		quiet		leer	to read			
el mercado	the market the tourist office	baja	go down	Me gusta muo	cho	I really li	ke	trabajar	to work			
la oficina de turismo el parque	the park	cruza	cross	Porque		because	•	pensar	to think			
la piscina	the pool	dobla	turn	¿Te gustaría	visitar?	Wld you	like to visit?	escribir	to write			
la playa	the beach	sube por	go up	Me gustaría v		I wld like		Me gusta	l like			
		tuerce	turn	¿Qué hay en	tu	What's i	,	Me encanta	I love			
B. Más lugares	s – More places	una Avenida	the avenue	barrio?		neighbou	urhood?	Odio	I hate			
	the square	un castillo	the castle			44.4.4.4.4.4		porque divertido/a	because			
la plaza la plaza de toros	the square the bull ring	un edificio	the building	el pueblo		the town	1	aburrido/a	fun boring			
la plaza de toros	the main square	una fábrica	the factory	la ciudad		the city	/ there are	útil	useful			
el polideportivo	the sports centre	un puerto	the port	Hay tiene		I nere is It has		inútil	pointless			
el puente	the bridge		Vhere are you going?	un monument	to	a monur	nent	cómodo/a	comfortable			
el río	the river	E. ¿Autoride vas? – V	mere are you going?	un palacio		a palace		interesante	interesting			
las tiendas	the shops	Voy	lgo	un parque na	cional	a nation		entretenido/a	entertaining			
la tienda de regalos	the gift shop	Va	He/she goes	un quiosco		a kiosk	r	emocionate	exciting			
la bolera	the bowling alley	Van	They go	ruidoso/a		noisy		guay	cool			
el cine	the cinema	Vamos	We go	animado/a		lively		genial	amazing			
la universidad	the university	Voy al centro	I'm going to the	limpio/a		clean		SOSO	dull			
la iglesia	the church	commercial	shopping centre	sucio/a		dirty		asqueroso/a	disgusting			
el museo	the musuem	¡Hasta luego!	See you later!	pintoresco/a		pictures	que	malo	bad			
la galería de arte	the art gallery			1				bueno	good			

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		QUIZ	ZABLE	- SPA	NISH Year 7	Term 4 Knowle	edge	Organis	er			- illi	
What we are learning the	his term:	Ser	To be	1	Tener	To have	Infin	nitive	Present	Past	Futu	ıre	
<ul> <li>A. Talking about place</li> <li>B. Saying what there i</li> <li>C. Talking about sport</li> <li>D. Saying what you lik</li> <li>E. Talking about hous</li> </ul>	is to do in town / city is and hobbies are to do in free time	soy	I am		tengo	l have	hab to s	lar speak	Habl_ I speak	Habl_ I spoke	I ar spe	m going to ak	
F. Talking about plans G. Opinions H. Extending your writ I. Translation skills	s for the weekend	eres	You a	re	tienes	You have	com to e		Com_ I eat	Com_ I ate	I ai	m going to eat	
J. Working on questio	oning	es	s/he	is	tiene	s/he has	ir to g	90	Igo	/ I am/it was	I at	m going to go	
A. La Ciuda	ad – The City	somos	Wed	are	tenemos	We have	ser to b		soy I	T was	I ai	n going to be	
e café de internet	the airport the Street	son	They	are (	tienen	They have	tena to h		T I have	T I had	I ar hav	m going to e	
la capital  el centro comercial	the catedral	B. Más	lugares	s – Mor	e places	C. ¿Cómo o	es tu ca house		t's your	D. Las Dirreciones – Directions			
	the cinema			the s	quare	Mi casa es.		IIKe :		A la izquierda		To the right	
la estación de autobuses	the petrol station	la plaza de to	oros		nain square ports centre			 cosy		Por dónde se va al la?	i/a	Go straight ahead	
la estación de	the stadium	el puente el río						semi – detache	ed		-	Where is? Take the 1 <sup>st</sup> on the right	
trenes	centro comercial				ift shop	antiguo/a bonito/a cómodo/a				la primera a la	-		
el hospital  el mercado	the tourist office	el cine la universida	ad	the b	owling alley			_ big moderr		izquierda la segunda la tercera			
el parque	the pool	la iglesia	arte	the n	nusuem	nuevo/a pequeno/a			· 	baja cruza dobla			
la playa						reformado/a	a	very quite		  un puerto		go up turn the avenue the castle the building the factory	

G. Translat	ion Practice	H . Key Quest	ions: Answer the following in your own words. Use these model answers					
I go to the beach	Valp	¿Dónde vives?	Vivo en una casa grande en una ciudad que se llama Swindon. Swindon esta en el sur de					
We go to the stadium	Vae	Where do you live?	Inglaterra.					
They go to the park	Vap	¿Qué hay en tu pueblo? What is in your town?	Mi pueblo es bastante grande. En mi pueblo, hay una estación de trenes, dos polideportivos, muchas casas pero no hay playa. Necesitamos un aeropuerto.					
I go to the sports centre	Vap	¿Cómo es tu pueblo? What is your town like?	Es una ciudad industria. Es muy antigua y histórica pero no es tranquila. Es un poco túristica porque hay un museo y un centro comercial grande.					
I live in quite a small town	veupbp	¿Cómo sería tu pueblo ideal? What would your ideal town be	Si fuera rico/a, me gustaría vivir en una ciudad grande en España. Me gustaría vivir en Barcelona en España porque es una ciudad muy túristica, bonita y tiene una playa.					
I live in a big city	Veucg	like?	barcelona en España porque es una ciudad muy funsilea, bonita y tiene una piaya.					
There is a train station and a museum	Huedtyum		•					
But there isn't a river	Pnhr	I.	Key Questions: Translate these model answers using the KO					
There is a school but there isn't a square	Huipnhp	¿Dónde vives? Where do you live?	I live in Portsmouth near to the sea. I live in a small house. I love my house because it's very cosy. Portsmouth is in the south of England.					
It's an industrial city and very historic.	Eucmiymh	¿Qué hay en tu pueblo? What is in your town?	In my town we have a lot of parks, a cathedral and 3 cinemas. There is a main square, a bullring and many markets. My town does not have an airport but it does have a port. In					
It's in the north of the	Eeendpyeucmr		the future there is going to be a new school and an airport.					
country and is a very noisy city.		¿Cómo es tu pueblo? What is your town like?	My town is very small but very lively. There are a lot of tourists because my town is very near to the sea. In the summer there is a lot of traffic in my town. In the winter my town is					
It has a port and lots of factories but there isn't a bullring.	Tupymfpnhpdt	¿Cómo sería tu pueblo ideal?	very quiet.         My ideal town would be very modern with lots of people. It would be very quiet with not					
It's an old town	Eupa	What would your ideal town be like?	much traffic. My ideal town would be pretty with lots of shops and lots of parks.					
It's a historic city	Euch							
It's in the south of the	Eeeldp							
country			J. Key Grammar					
There are lots of things to do	Hmcqh	Use the verb <b>ESTAR</b> to talk about location	Mi casa está en Swindon = My house is in Swindon					
It has lots of beaches and museums	Tmpym	Make sure adjectives agree	Mi casa es blanc <b>a</b> = My house is white Mi perro es blanc <b>o</b> = My dog is white					
I love my city because there are lots of	Memcphmcqh	blanco/blanca/blancos/blanca Mis	Mis zapatos son blanc <b>os</b> = My shoes are white Las mesas son blanc <b>as</b> = The tables are white					
hings to do		Justify opinions with because	Me gusta mi casa porque es blanca = I like my house because it's white					
		Saying 'to the'	Use AL or A LA (a + el = al) Al museo A la playa					



Creating Strong Passwords

A strong password should:

## Year 7 Digital Literacy - Answers



## What we are learning this term:

A. Creating strong passwords B. File Handling

C. Folder Handling

D. Typing

A	Use a mixture of 10-15 characters.	B. File Hand	lling	C. Folder Han	dling							
В	Use symbols and			Folders	Folders are areas on our computer which can hold items/ files.							
	numbers.	Keyboard shortc	uts	Ctrl + Shift + N	Shortcut to make a new folder							
с	Use upper and lower case letters.			File Path	The route taken to get to a specific folder:							
		Select All	Ctrl+A									
D	Avoid sequences.	Paste     Ctrl+V       Cut     Ctrl+X       Save     Ctrl+S		Locating Folders	Click on the search bar in Click in the search bar in Click in the second scale (1992 2013) 5 100 - 10							
E	Not contain personal information			-								
A weak passwo	ord			Renaming a file	F2 (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science Nore (1 + No.FC + Nore)(1 + StitUnderGares + Compart Science + Compa							
A	Is short (less than 10 characters long)			D. Typing	6 1942 2021 10:3 Fieldede							
		File Types		. ypg								
В	Uses popular terms.		1	What website do you use to practice	Typing Club							
с	Uses common phrases.	Image Files	.png .bmp .jpg .jpeg .gif	typing?								
		Word Document Files	doc .docx .rtf	What is the 'Home Row' position?	ASDF JKL;							
D	Uses sequences of letters or numbers.	Document Files			Index fingers on F and J							
		Video Files	.mp4 .avi .mov .wmv									
E	Uses personal			What is touch typing?	Using the keyboard without looking at the keys you are pressing.							
	information (individual's name, date of birth).	Spreadsheet	.xlsx	-JF3.								



Year 7 Digital Literacy



Α.	A.         Creating Strong Passwords           A strong password should:		What	we are learni	ng this term:								
A stro	ng pass	word should:	A. Cre	eating strong p	basswords B. File	Handling	g C. Folde	r Handling	D. Typing				
	A		В.	<b>File Hend</b>	lin a	C.	Folder Hand	lling					
			В.	File Hand	ling	Folder	s						
	В					Ctrl +	Shift + N						
			Keyb	oard shortcu	uts	File Pa	ath						
	С			(									
			Sele	ct All		Locati	ng Folders			 			
	D		Past	Paste									
	E		Cut			Renam	ning a file						
A weal	k passwo	rd	Save	9		D.	Typing						
	Α					What	website do vou						
			File	Types		use to typing	website do you practice ?						
	В		Imag	je Files									
	с					What i	is the 'Home			 	 		
			Word Docu	d ument Files		Row' p	position?						
	D		Vide	o Files									
						What i typing	is touch ?						
	E		Sprea	adsheet									
	-										 		

Von State Contract of the Sea Contract of the									
What we are learning this term:		A.	Who is work?	Ernst Haeckel and what are the o	charac	teristics of his			
<ul> <li>A. About the illustrator Ernst Haeckel and his work</li> <li>B. How to use the grid method for accuracy</li> <li>C. Drawing from observation of primary sources</li> </ul>		Who? philosopher, physician, professor, marine biologist, and artidescribed and named thousands of new species,			and artis	t who disc	covered,		
D. How to work us	sing oil pastels	What?	Beautifully	y detailed natural history illustrations depi	icting mo	iostly marine life			
	simple clay pinch pot $\langle \mathcal{Q} \rangle$ te clay using glazes and oxides	Why? To document and record newly discovered species of anim					nts		
G. What is texture H. How to produce	e a mixed media outcome	В.		How to use the Grid Method for accurate drawing			С	Drawing primary sources from	
Key word	Key definition	1) Us	e a ruler to c	fraw an equally spaced grid onto	2			observation	
illustration	a drawing, painting or printed work of art which visually represents or explains something	<ul> <li>your image</li> <li>2) Draw an identical grid LIGHTLY onto paper</li> <li>3) Draw in the main <i>outlines</i> of your image, focusing</li> </ul>					means real life	g from a primary source drawing something from e the objects closely	
observation	the action of closely looking at something	m	on one square at a time Use a ruler to help you measure the positioning of lines if needed 4) Add main details before erasing he grid on the				can se	tt the basic shape(s) you e and add detail	
source	Where something originates from	paper					Add to	ne to show how light is the object(s)	
texture	the feel or appearance of a surface			s and build in <i>tone</i>	Ц		mung		
tone	Lightness and darkness within an artwork	F.	How to use	low to use glazes and oxides			How to	produce a mixed media outcome	
outcome         52         The final piece produced as a result of an art project		oxide         Powder made from minerals           Mixed with water and applied to the bisque fired clay         Note that the bisque fired clay			A mixed media artwork uses multiple different materials rather than just one				
D How to work using oil pastels			Highlights the texture in the clay surface Can be applied thickly or thinly to get			We used collage, ink and pen to create ours			
	Oil pastels are bright, oil-based crayon	different effects			Step 1	L	ay out your drawing using pencil lightly		
	that is used as a painting and drawing medium	glaze		Coloured liquid applied to bisque fire	ed .	Step 2	A	Add newspaper collage	
	Oil pastels can be applied thickly, overlapping to blend colours.		22	clay Can be applied with or over oxides		Step 3	A	Apply an ink wash using varied colurs	
	White can also be used to blend. Clean the end of the pastel to avoid colour contamination	Gives the clay a shiny finished once fired a second time			Step 4		Add tissue paper collage over the wash in places		
E What is a pinch pot and how to make one		G What is texture?				Step 5		Jse black ink or pen to go over your drawing, Idding detail and texture using mark making	
	A pinch pot is A small vessel created inserting the thumb into a ball of clay then through 'pinching' the clay into the desired shape. A successful pinch pot has even thickness walls, and a smooth finish. The wet clay can be decorated by additive or subtractive methods			Texture is the surface quality of a particular surface – how it feels to the touch Actual texture is what it actually fee like Visual or implied texture is when a surface appears to have texture bu reality it doesn't	els				

	Year 7 F	Project 3 – Under the Sea	A.	ANE	9			
What we are learning this term:		Who is E work?	Who is Ernst Haeckel and what are the characteristics of his work?					
<ul> <li>A. About the illustrator Ernst Haeckel and his work</li> <li>B. How to use the grid method for accuracy</li> </ul>								
C. Drawing from observation of primary sources	What?							
<ul> <li>E. How to make a simple clay pinch pot \\Q/</li> <li>F. How to decorate clay using glazes and oxides</li> </ul>	Why?							<u> %</u> **
G. What is texture H. How to produce a mixed media outcome		How to us accurate d	e the Grid Method for Irawing			S	Prawing primary ources from	SIT
Key word     Key definition       illustration     Image: Comparison of the second se	2) Dra 2) Dra 3) Dra on  4) Ado pap	Ir image w an identic w in the ma one square a the d main detai per	raw an equally spaced grid onto cal gridonto paper inof your image, focusing at a time Use a ruler to help you positioning of lines if needed Is before he grid on the and build in		m. Ol La ca  Ad	rawing fr eans bserve th ay out th an see dd	bservation rom a primary source the objects	
tone	F.	How to use	glazes and oxides					
outcome		D	Powder made fromand appli Mixed withand appli the bisque fired clay Highlights the in the clay su Can be appliedor	urface	A mixed me than just or	edia artv ne	oduce a mixed media o work uses multiple differe nk and pen to create our	ent materials rather
Oil pastels are bright, oil-based crayon that is used as a painting and drawing medium	glaze	9	to get different effects Coloured liquid applied to bisque fi	ired	Step 1			
Oil pastels can be applied thickly, overlapping to blend colours.		577	clay Can be applied with or over oxides		Step 2			
White can also be used to blend. Clean the end of the pastel to avoid		Gives the clay a shiny finished once fired a second time			Step 3 Step 4			
colour contamination		6	Usually applied in layers		Step 4			
E What is a pinch pot and how to make one		G What is texture?			Step 5	2		100 M
A pinch pot is			Texture is		ALLER		De Martin	19 and the
A successful pinch pot has			Actual texture is		Alt	THE		
The wet clay can be decorated by			······· Visual or implied texture is ······		S			



# Year 7 PRODUCT DESIGN Rotation Knowledge Organiser

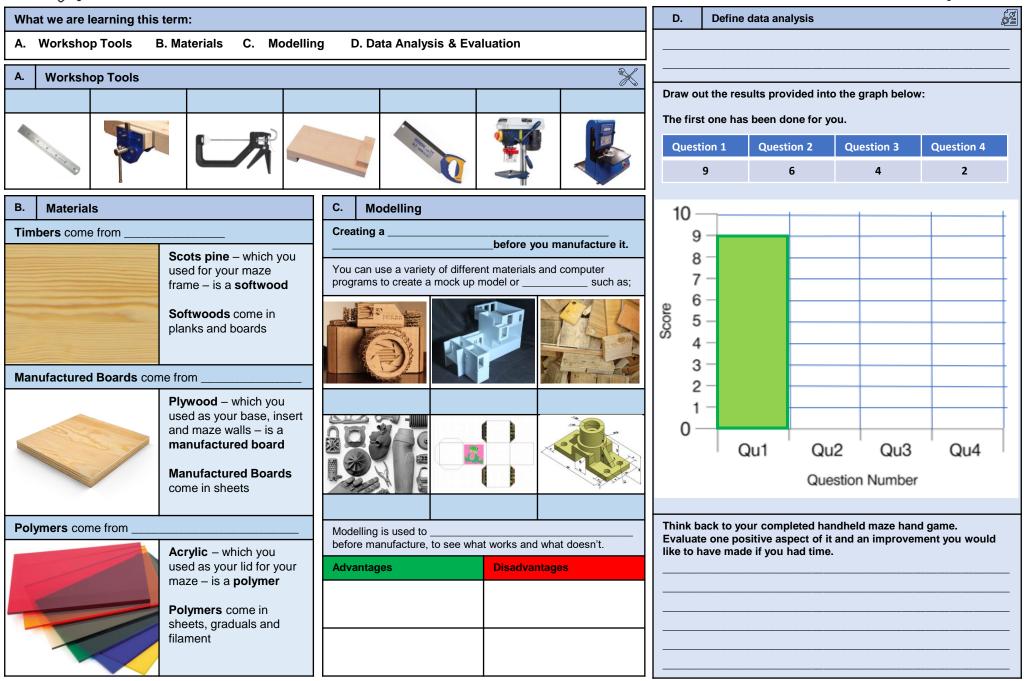


What we are learning this term:       D.       Data analysis					
What we are rearring this term.					
A. Workshop Tools B. Materials C. Modelling D. Data Analysis & Evaluation Designers test their products or models and works and what doesn't.	Designers test their products or models and record data to see what works and what doesn't.				
See example bar graph below.	One way to record the data from the tests is by turning it into a graph.				
Steel Rule         Wooden Vice         Clamp         Bench Hook         Tenon Saw         Pillar Drill         Bandfacer         Exemplar Bar Graph:					
Image: Constraint of the second se	tion 3 Question 4				
	6 5				
B.     Materials     C.     Modelling					
Timbers come from trees       Creating a 3D representation of your product before you manufacture it.       Handheld Maze Gar	ne Test Results				
Scots pine – which you used for your maze         You can use a variety of different materials and computer         9 –	9 —				
Softwoods come in planks and boards	_				
Manufactured Boards come from wood pulp     Image: Correlation of the second seco					
used as your base, insert					
and maze walls – is a manufactured board	Qu3 Qu4				
Manufactured Boards Question Null	mber				
come in sheets     3D Printing     2D Design     Solidworks					
Polymers come from crude oil       Modelling is used to test a product before manufacture, to see what works and what doesn't.       Analysing the results: Looking at the results from the graph, you share to be an upper to be and what doesn't.					
Acrylic – which you used as your lid for your					
maze – is a polymer     Allows a designer to     Can be time-consuming and     For improvements, point out what hasn't work					
Polymers come in sheets, graduals and       physically handle or view from all sides       complicated       For example:         My maze looks really fun and challenging to	play. However, when tested				
filament Changes can be made Testing can be unreliable as the game was too difficult to complete so on	the game was too difficult to complete so one improvement I could make it by taking away some of the traps or moving some of the walls around.				



#### Year 7 PRODUCT DESIGN Rotation Knowledge Organiser





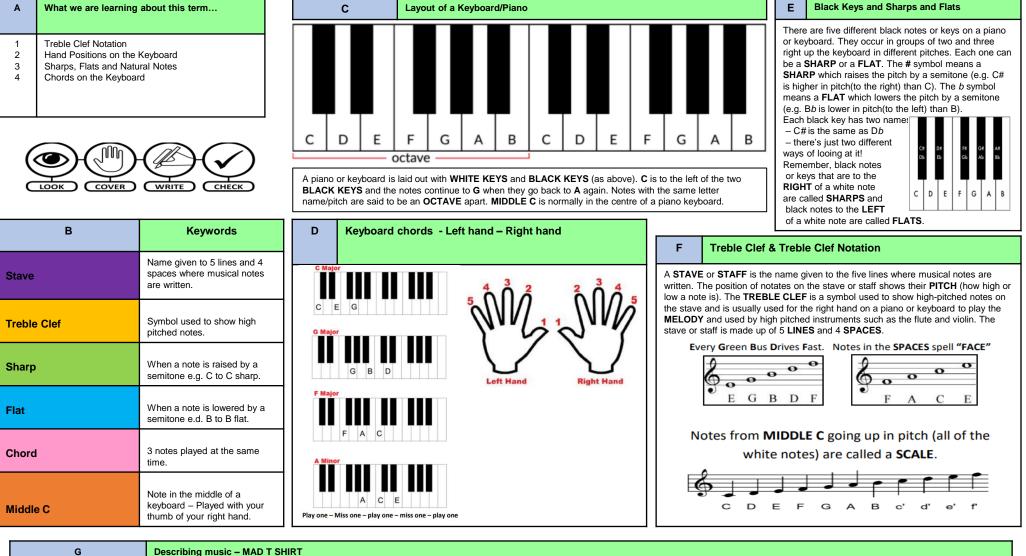
	Year 7 Term 4 : Topic = Healthy Eating and High Skills	E. Keywor	E. Keywords		
What we are learning this term:           A.         Health, safety and hygiene in the kitchen           B.         The Eatwell guide and nutrients	B.     What are the 5 different sections of the Eatwell plate?       1 Fruit and Vegetables	Hygiene	A method of keeping yourself and equipment clean		
C. Design Ideas D. Weighing E. Practical skills F. Evaluation Work	2 Carbohydrates 3 Protein 4 Dairy 5 Fats and Oils	Research	Information that you find out to help you with a project		
6 Key Words for this term 1 Hygiene 4 Cuisine 2 Health 5 Sensory Analysis	A.       What nutritional foods are in the top picture? Can you list 5 of the food that you can see?         In this photo you can see a number of protein foods. Protein	Cuisine	Food from a different country		
3 Food Poisoning 6 Preparation	helps our muscles and cells to grow and repair. Some examples in this photo include: 1. Chicken 2. Eggs 3. Nuts	Target Market	The age or type of person you are creating a product for.		
	4. Cheese 5. Salmon	Carbohydrate s	Foods that give you energy		
A. What are the three main nutrients required in the diet?	B. What nutritional foods are in the top picture? Can you list 5 of the food that you can see?	Protein	Food that grow and repair your muscles		
Carbohydrates Foods that are eaten to give the body energy	In this photo you can see a number of <b>carbohydrate</b> foods. Carbohydrates give out body energy. Some examples in this photo include: 1. Bread	Fibre	Foods that keep your digestive system healthy and avoid constipation.		
Protein Food that are eaten to build and repair muscles and cells	2. Pasta 3. Rice 4. Potatoes 5. Bananas	Calcium	Foods that make your teeth and bones strong		
Fats Food that are eaten to protect your vital organs and insulate you body.	C. Can you list 5 health, safety and hygiene rules and explain the importance of them?	Design Idea	A sketch or plan of how you are hoping a project to turn out.		
Construction of the state of th	Rule     Why it is important       • 1 Wash your hands in hot soapy water     • 1 to kills germs and bacteria	Organisation	Having everything ready for a lesson and following instructions		
	<ul> <li>2 tie back your hair</li> <li>2 to stop hair getting into the food</li> <li>3 wear an apron</li> <li>4 use oven gloves when handling hot</li> <li>4 to avoid burning yourself</li> </ul>	Time keeping	Using the time to remain organised.		
	food       • 5 to avoid giving yourself or others food poisoning         • 5 wash your hands after handling meat	Sensory analysis	Use your senses to taste and describe a product		
Construction of the second secon		Mood Board	A collage of photos and key words based on a project		

	Year 7 Term 4 : Topic = Healthy Eati	E. Keywords				
What we are learning this term:   B.	What are the 5 different sections of the Eatwell pl	hat are the 5 different sections of the Eatwell plate?				
A.Health, safety and hygiene in the kitchen1B.The Eatwell guide and nutrients2C.Design Ideas3D.Weighing4E.Practical skills5F.Evaluation Work5						
6 Key Words for this term 1 Hygiene 4 Cuisine	1	A. What nutritional foods are in the top picture? Can you list 5 of the food that you can see?	Cuisine			
2 Health 5 Sensory Analysis 3 Food Poisoning 6 Preparation			Target Market			
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			Fibre			
	CARDS A		Calcium			
	C. Can you list 5 health, safety and hygier	Design Idea				
		Why it is important	Organisation			
An and a second	• 1 • 2 • 3	• 1 • 2 • 3	Time keeping			
	• 4 • 5	• 4 • 5	Sensory analysis			
A state of the sta			Mood Board			
The provide a second seco						



### Year 7: Lets Play Keyboard!

Term 4 🐻

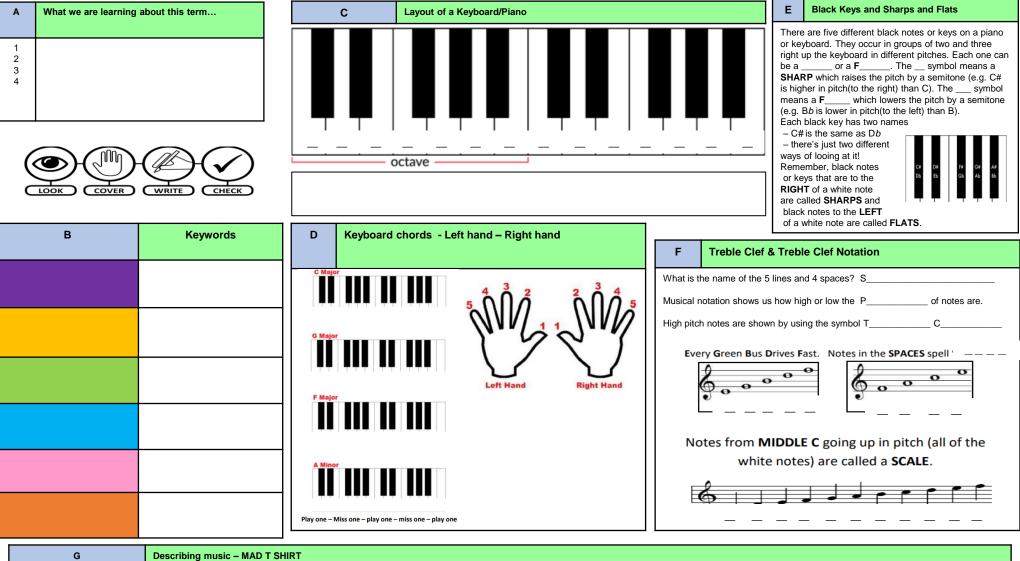


G	Describing music	Describing music – MAD T SHIRT							
м	А	D	т	S	н	I	R	т	
Melody	Articulation	Dynamics	Texture	Structure	Harmony/Tonality	Instruments	Rhythm	Тетро	
The tune	How notes are played	Loud/quiet and any other volume changes	Layers of sound / how they fit together	The sections and organising	Chords used / the mood	Types of instruments heard	Pattern of notes	The speed	



### Year 7: Lets Play Keyboard!

# Term 4 🦆



G	Describing music	Describing music – MAD T SHIRT						
м	Α	D	т	S	н	I	R	т
M	A	D	Т	S	H/T	l	R	т



## Year 7 Knowledge organiser Topic: Lights, Camera, Action!



#### What we are learning this term:

- You will develop your knowledge and understanding of key performance skills of drama.
- B. How to perform on different stage layouts
- C. Devise your own performance from a popular TV show creating new characters.

#### A- Key Words for this term

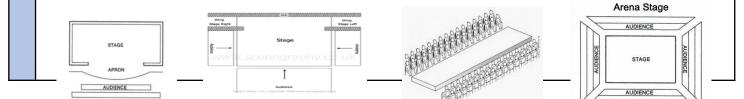
- 1. Improvisation- create a scene without prior planning or a script.
- 2. Characterisation presentation of a fictional character using gesture, posture and stance.
- Body Language- The conscious and unconscious movements and postures by which attitudes and feelings are communicated
- 4. Facial Expressions- How someone expresses their emotions using their face.
- 5. Accent- The way you pronounce certain words, often showing where you are from.
- 6. Tone- The emotion that you put into your voice.
- Blocking- Stopping the audience from being able to see / experience what is happening on stage
- 8. Devising- Creation of an original performance in response to a stimulus.

C- Why is blocking important in drama?

It teaches the actors to be aware of where/what way they are standing on stage and make sure they are always in the audience's sightlines.

## Write the definition for these four stage layouts, where the entrances and exits happen and what (if any) set/scenery can be used.

- <u>1</u> End On- Audience face one side of the stage.
- Numerous entrances and exits. Large scenery and set can be used.
- <u>Thrust-</u>Audience in front and around 3 sides. Entrances and exits happen on the main stage and through the audience. Set/Scenery on the main stage only.
- <u>3</u> <u>Traverse-</u>The audience are around 2 sides. There are 2 entrances and exits. Set can be used but cannot be too high to obstruct sightlines of the audience.
  - In The Round/Arena- The audience are on every side of the stage. There are entrances and exits around the audience. No large sets can be used.



## **C- Thinking questions.**

В

2

4

- 1. How am I showing my character?
- 2. What is my body language?
- 3. How is it different to my normal?
- 4. What is my character feeling?
- 5. Do my facial expressions match this?
- 6. What is my posture like?

- 7. How do I walk?
- 8. What implications are there for blocking?
- 9. What are the positives for each stage?
- 10. What are the negatives for each stage?
- 11. Which stage layout do you like the best? Why?



## Year 7 Knowledge organiser Topic: Lights, Camera, Action!



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### Key Words for this term

- 1. Improvisation-
- C presentation of a fictional character using gesture, posture and stance.
- B L The conscious and unconscious movements and postures by which attitudes and feelings are communicated
- 4. Facial Expressions-
- 5. A The way you pronounce certain words, often showing where you are from.
- 6. T The emotion that you put into your voice.

C- Why is blocking important in drama?						
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where/what way they	on stage and					
make sure they are in the audience's						
•						

