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Tutor Group:





Year 8 | Term 6 | Homework

Homework Schedule

Subject	Page	Homework is set on:	
English	6-10	Tuesday	
Maths	11- 14	Friday	
Science	15 - 22	Tuesday	
PE	23-25	Week A	
Tech/Computing	26-34	Week A	
Art	35-36	Week A	
Drama	37-39	Week A	
History	40-41	Week B	
Geography	42-44	Week B	
RE	45-47	Week B	
French / Spanish	48-55	Week B	
Music	55-56	Week B	
PSHE	NA	Set Termly	

Your homework will consist of:

- Knowledge Organiser with five questions this should take between 15-20 minutes. Try your best!
- TT Rockstars and Reading for 15 minutes



When is Week A/Week B?

	Week Commencing
Week A	03/06/24
Week A	10/06/24
Week B	17/06/24
Week A	24/06/24
Week B	01/07/24
Week A	08/07/24





Need help with Homework?



- 1) Class Teacher: Speak to your class teacher, they will be able to help you if you are unsure. Try your best and don't worry if you do not complete everything.
- **2) Tutor:** If you are still unsure, speak with your tutor. Especially, If you have lost equipment, this booklet or having issues with SMHW.
- 3) Year Team: Once you have contacted your <u>teacher and tutor</u> and still need help, then contact your Year team.

Struggling with the task: You can email the **Curriculum Leaders** below:



	Email		Email
English	Ali.Griffiths@clf.uk	History	Jenny.Chapman@clf.uk
Maths	<u>David.Busby@clf.uk</u>	Geography	emilia.fuorvito@clf.uk
Science	<u>Joe.Rogers@clf.uk</u> <u>Rhiannon.Woods@clf.uk</u>	RE	rizwana.hussain@clf.uk
PE	<u>Victoria.Payton@clf.uk</u>	French / Spanish	<u>Laura.miles@clf.uk</u>
Tech/Computing	<u>Naomi.Soper@clf.uk</u> <u>Martin.Wignall@clf.uk</u>	Music	drew.salida@clf.uk
Art	kealy.darby@clf.uk	PSHE	<u>rizwana.hussain@clf.uk</u>
Drama	Joanne.Ayre@clf.uk	Year Team	BBAyear7team@clf.uk

How to complete my homework

You will need







Instructions: How to complete my homework

1. For each homework you will be asked to look at a particular section of your Knowledge Organiser. Set a timer for **20 minutes.**



2. Read a small section of the Knowledge Organsier, your teacher will tell you the key term numbers to learn for your homework.



3.Cover up the information so you are unable to read/see it.



4. Write: In your red homework book, Write what you can remember. This should include both the Key term and definition.



5. Check: Check the Knowledge Organiser to see if you got the key term and defintions correct. Correct any mistakes using a green pen

6. Complete the other knowledge questions. Please stop if you run out of time.

How to present my homework book

	le with the Subject ame and due date	13/09/2023	
	Science H/W – Due 15/09/20	023	
1.	Base: A substance with a PH between 8-14	2. Look, cover, write & check	
	Alkali: A water soluble base.	identified by your teacher. Try your best.	
2.	PH1 is the strongest acid	your best.	
3.	Indicators help us categorise substances such as alkaline, acids or neutral.	3. Answer the questions, using full sentences. Self-correcting using a green pen.	

Subject	Additional Tasks			
English	You should read for 15 minutes a day and record this in your reading log provided by your English teacher.			
Maths	TT Rockstars: Times Tables Rock Stars is a fun and challenging programme designed to help you master the times tables. 5 to 15 minutes practice a day, Ask your Maths teacher or tutor if you require a new log in.	To help you remember write down your: Username: Password:		



English – Romeo and Juliet

	Key vocabulary						
Key word Definition			Key Word	Definition			
1	Tragic	A tragic event or situation is extremely sad, usually because it involves death or suffering.	11	Foreshadow	If something foreshadows an event or situation, it suggests that it will happen.		
2	Prologue	A prologue is a speech or section of text that introduces a play or book.	12	Catastrophe	A catastrophe is an unexpected event that causes great suffering or damage.		
3	Sonnet =	A sonnet is a poem that has 14 lines. Each line has 10 syllables, and the poem has a fixed pattern of rhymes.	13	Antagonist	Your antagonist is your opponent or enemy.		
4	Feud	A quarrel in which two people or groups remain angry with each other for a long time, although they are not always fighting or arguing.	14	Isolation M	Isolation is the state of feeling alone and without friends or help.		
5	Conflict	Conflict is serious disagreement and argument about something important. If two people or groups are in conflict, they have had a serious disagreement.	15	Dominance	The dominance of a particular person or thing is the fact that they are more powerful, successful, or important than other people or things.		
6	Status quo	The state of affairs that exists at a particular time, especially in contrast to a different possible state of affairs.	16	Patriarchal	A patriarchal society, family, or system is one in which the men have all or most of the power and importance.		
7	Fate	Fate is a power that some people believe controls and decides everything that happens, in a way that cannot be prevented or changed.	17	Tyrannical	If you describe someone as tyrannical, you mean that they are severe or unfair towards the people that they have authority over.		
8	Soliloquy	A speech in a play in which an actor speaks to himself or herself and to the audience, rather than to another actor.	18	Ominous	If you describe something as ominous, you mean that it worries you because it makes you think that something unpleasant is going to happen.		
9	Hyperbole	If someone uses hyperbole, they say or write things that make something sound much more impressive than it really is.	19	Gothic	strange, mysterious adventures happen in dark and lonely places such as graveyards and old castles.		
0	Exile ***	If someone is living in exile, they are living in a foreign country because they cannot live in their own country, usually for political reasons.	20	Courtship	Courtship is the activity of courting or the time during which two people are courting.		

He died in 1616, leaving behind a

legacy that has shaped the world

of literature for centuries.

respective child, yet do not always seem

appropriately aware of their emotional

wellbeing.



English – Romeo and Juliet

	Liigiisii – Kullieu	and Juliet	
Key character	Biography	Key character quotation	
Romeo	The son and heir of Lord and Lady Montague. Romeo is handsome and intelligent, yet he is also impulsive and extremely sensitive. Romeo is a peaceful character, and is not interested in the violence that goes on around him, choosing instead to focus his energies on love. Although Romeo's love seems fickle (he loves Rosaline at the outset) his commitment can't be debated in the end!	But soft, what light through yonder window breaks? It is the east, and Juliet is the sun.	Diamentary of Challenge and
Juliet	The daughter of Capulet and Lady Capulet. Juliet is a beautiful young girl (13 years old at the start of the play). Juliet is caring, compassionate, and at times demonstrates courage (she defies her parents in order to marry Romeo, and drinks the contents of the vial without fully trusting its effects). At times, she shows great intelligence and wit, particularly in conversations with her mother.	My only love sprung from my only hate Too early seen unknown, and known too late!	 Biography of Shakespeare William Shakespeare was born in 1564 in Stratford-upon-Avon, England. He became one of the greatest playwrights and poets in history, writing renowned works such as "Romeo and Juliet," "Hamlet," and "Macbeth." Shakespeare's pays explore
Montagues and Capulets	The patriarchs of the Montague and Capulet families, who have held a long and violent feud with one another from some time before the play begins. Both seem to deeply love their	"From ancient grudge break to new mutiny, where civil blood	themes of love, power, and tragedy, and his poetic language continues to influence literature and theatre today. • He died in 1616, leaving behind a

makes civil hands

unclean."



English – Romeo and Juliet

Context – The play was written by Shakespeare and was first performed around 1594.

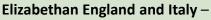
Shakespeare's Time – Shakespeare wrote his plays at the time of two monarchs: Queen Elizabeth I and James I. Romeo and Juliet was written relatively early in Shakespeare's career.



Religion – The heavy religious presence is evident across several parts of Romeo and Juliet. This is reflective of a society across Europe that was deeply religious (predominately Catholic or Protestant). Several characters demonstrate their commitment to the church, such as Romeo and Juliet who choose to marry rather than fornicate and the Capulets, who are quick to contemplate that Juliet is in a better place (heaven) after she is

Astrology the Supernatural - At the time of Shakespeare, the belief in both astronomy and the supernatural was far more preeminent than in society today.

found 'dead'.



Shakespeare frequently engaged with Italy in his plays, leading many to believe that he travelled there between the late 1580s and early 1590s. Italy was a place that Shakespeare's contemporaries would have had a keen interest in; it was already an advanced and beautiful place.

Patriarchal Society – Society throughout the Middle Age and at Shakespeare's time was patriarchal - women were considered inferior to men. This was also the case in much of Europe, including Italy. Women belong to their fathers (or brothers if their fathers had died) and then their husbands, so Juliet would be expected to obey her father. Women were not permitted to own land of enter most professions. They were instead expected to bear children, be gentle and womanly.

Healthcare and Medicine - Healthcare and medicine were not as advanced in Shakespeare's age as they are today – there were numerous ailments and diseases that were not yet understood. This makes it much more believable for the Capulets and Romeo that Juliet could have died so suddenly.

Features of a Tragedy in Romeo and Juliet

Tragic Hero – A main character cursed by fate and possessed of a tragic flaw

Hamartia - The fatal character flaw of the tragic hero (his passion and impulsiveness).

Catharsis - The release of the audience's emotions through empathy with the characters.



Internal Conflict – The struggle the hero engages in with his/her fatal flaw.

Dramatic devices in Romeo and Juliet

Dramatic Irony	Mercutio and Benvolio think Romeo is still pining over Rosaline, but the audience knows he has moved on to Juliet.		
Soliloquy	Juliet's opening speech in A3 S2 in which she pours her heart out over her love for Romeo.		
Aside	Juliet secretly hopes for the 'villain' Romeo: villain and he be many miles asunder		
Foreshadowing	Friar Lawrence: These violent delights have violent ends.		





- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on pages 6-8 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	Due	Task:
Homework 1 Completed?		 Look cover write check vocabulary 1-5 Write a sentence about Gothic Fiction using vocabulary 18. Explain what a prologue is in your own words. Explain how the prologue foreshadows the later events of the play. Summarise the theme of astrology and the supernatural in 2 sentences.
Homework 2 Completed?		 Look cover write check vocabulary 6-10 Give one way that Juliet subverts Elizabethan expectations of women. Give one way that Juliet conforms to Elizabethan expectations of women. What is a soliloquy? What do the audience learn when a character gives a soliloquy? Write out the definition of catastrophe in your own words. How does the prologue foreshadow a catastrophe for Romeo and Juliet?
Homework 3 Completed?		 Look cover write check vocabulary 11-15 Who are the two main families involved in the feud in Romeo and Juliet? What city does the play primarily take place in? How does Shakespeare explore the theme of love? Provide examples from the play to support your answer. What themes do you usually expect to find in sonnets?





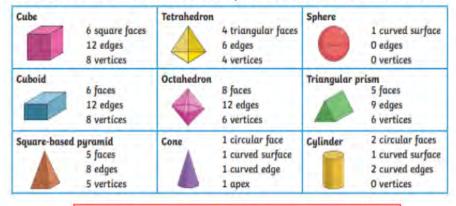
- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on page 6-8 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	Due	Task:
Homework 4 Completed?		 Look cover write check vocabulary 16-20 How do Romeo and Juliet first meet and how is this an example of fate? Write at least 3 sentences discussing the theme of fate versus free will in Romeo and Juliet. How do the characters' choices interact with the predetermined events of the play?
Homework 5 Completed?		 Look cover write check vocabulary 2,4,6,8,10 Who kills Mercutio, leading Romeo to seek revenge? Why does this cause the end of Romeo and Juliet's romance? What is the tragic flaw in Friar Lawrence's plan to reunite Romeo and Juliet? In what ways does the feud between the Capulets and Montagues contribute to the theme of violence and conflict in the play?
Homework 6 Completed?		 Look cover write check vocabulary 1,3,5,7,9 What causes Romeo to believe that Juliet is dead at the end of the play? How does Shakespeare use language and imagery to convey the theme of youth and impulsiveness in Romeo and Juliet? What does tyrannical mean? Give an example from a text we have studied so far in your answer.



Y8 Maths Knowledge Organiser Term 6: 3D Shapes, Volume and Angles

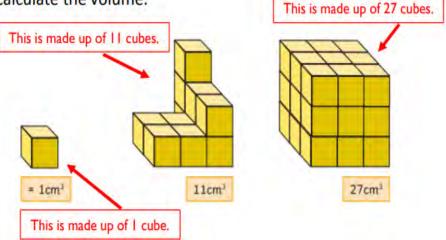
3D solids: They have 3 dimensions – length, width and depth. Here are the main 3D solids that you need to be familiar with.



You especially need to know the names of these solids.

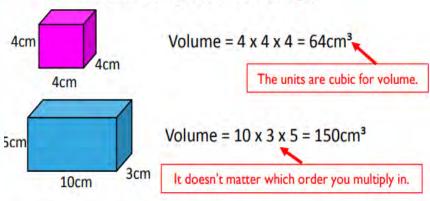
<u>Volume</u>

Volume: This is the amount of space that a 3D object occupies. Sometimes an object is made up of cubes, we can count them to calculate the volume.



Cubes and cuboids: To calculate the volume of a cube and cuboid we use the following formula:

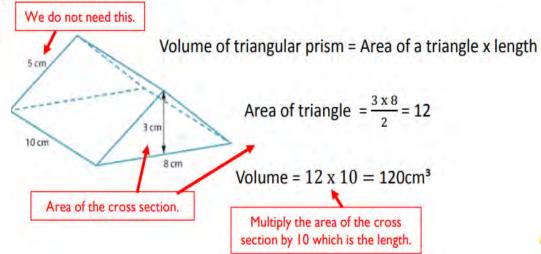
Volume = Length x Width x Height



Prism: A prism is a solid object with identical ends and flat faces.

The general formula for the volume of a prism is:

Volume = Area of the cross section x Length



interior angles

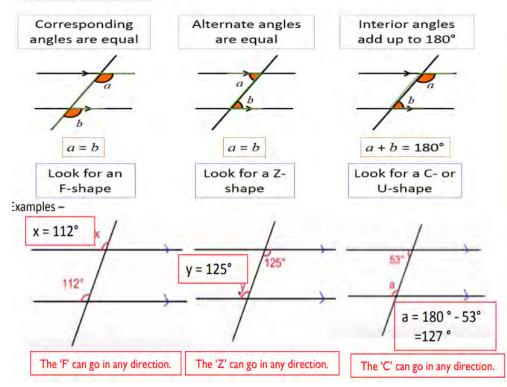
Size of each

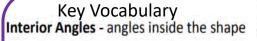
interior angle

(n-2) x 180°



Angles on parallel lines





Exterior Angles - angles between the side of a shape and a line extended from the adjacent side

Sum - total, add all the angles together

Polygon - a 2D closed shape made with straight lines

Regular - when a shape is regular all sides are the same length and all angles are the same

angles

Size of each

interior angle

128.6°

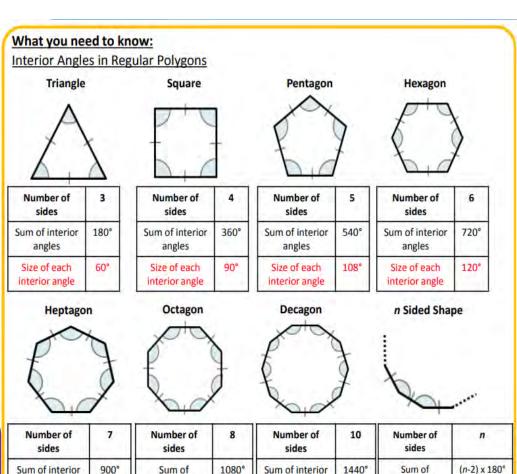
interior angles

Size of each

interior angle

135°

Irregular - shape with sides of different lengths and angles of different sizes.



angles

Size of each

interior angle

144"



Y8 maths revision guide

Year 8 - Revision Guide Term 6

Sign in to Mathswatch. If you have forgotten your login details, your username is school email, and the password is **bristol**. Click the Video Clip number for the your topic you want to revise, or Go to https://vle.mathswatch.co.uk/vle/browse

Type the number in the search box and then click on the topic when it comes up below

Note - If it does not come up, try changing the qualification to 'GCSE' or 'KS3'

Watch the video and complete 2 standard and 2 harder interactive questions

Note – this list is not exhaustive and students may be assessed on other areas of the

curriculum

Topic Mathswatch Video Confident?					
Торіс			Confidents		
	KS3	GCSE			
Ratio and proportion					
Shading	<u>R1b</u>				
Unit conversions	<u>R2</u>				
Fractions	<u>R3</u>				
Best value	<u>R4</u>				
Simplifying	<u>R5a</u>				
Sharing	<u>R5b</u>				
Unit conversions	<u>R2</u>				
Reading Scales	<u>N8</u>				
Co-ordinates and graphs					
Coordinates	<u>A1a</u> , <u>A1b</u>				
Horizontal and vertical lines	<u>A5</u>				
Straight Line Graphs	<u>A14a</u>				
Properties of straight-line graphs	<u>A14b,</u> <u>A14c</u>				
Coordinate problems		<u>113</u>			

	Page 13
<u>N24b</u>	
<u>N32</u>	
<u>R9a</u> , <u>R9b</u>	
<u>R12</u>	
	<u>109</u>
<u>G20a</u>	
<u>G20b</u>	
<u>G20c</u>	
<u>G20d</u>	
<u>G21a</u> , <u>G25a</u>	
<u>G12a</u>	
<u>N33</u>	
<u>N42a</u>	
<u>N42b</u>	
<u>N28b</u>	
<u>N29b</u>	
<u>G13</u>	
<u>G17</u>	
<u>G19</u>	
	N32 R9a, R9b R12 G20a G20b G20c G20d G21a, G25a G12a N33 N42a N42b N28b N29b G13 G17

1. In addition, students will receive online homework via the Mathswatch website every Friday. This needs to be completed alongside the knowledge questions and times tables practice"

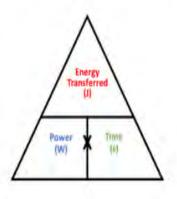
"The website is https://vle.mathswatch.co.uk/vle/, student usernames are their school email address and the password is always bristol"

Homework	Due	Task:	
Homework 1 Complete?		Read, cover and check the names and properties (edges, faces and vertices) of the most common 3D shapes.	
Homework 2 Complete?		Use your previous Kos and revision list provided to prepare for Assessment 3. Complete revision in your book as evidence.	
Homework 3 Complete?		 The formula for volume of a cuboid is	
Homework 4 Complete?		 The formula for volume of a triangular prism is Calculate the volume this prism (giving appropriate units) 	
Homework 5 Complete?		 Revise: angles around a point, in a triangle, on a straight line and parallel lines. New information: The rule for finding the sum of interior angles in any polygon is Relationship between interior and Exterior angles is 	
Homework 6 Completed?		Collect all of your Y8 KOs Make Revision cards Your first topic in Y9 will be Rounding and Estimation.	



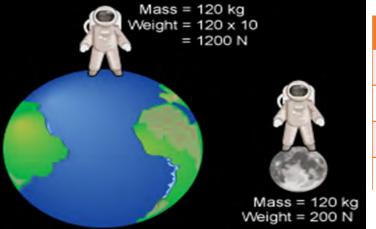
	Key Term	Definition
1	Power	Amount of energy used over time
2	Mass	How much matter is contained in an object or living being
3	Weight	Force exerted on an object due to gravity
4	Energy store	The way that energy is contained within an object
5	Kilometres	A unit to measure distance

Power Calculations



Power (W)= Energy (J) / Time (s)

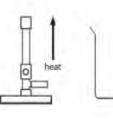
Key point – mass and weight are not the same thing! Mass is the amount of matter (stuff) a substance is made up of. The weight of an object depends on both the mass of the object and the force of gravity. You can calculate weight using the equation: **Weight (N) = Mass (kg) x Gravity (N/kg)**



Metric Conversions		
1 kg = 1000 g	1 km = 1000 m	
1 tonne = 1000kg	1 litre = 1000ml	
1cm = 10mm	$1 litre = 1000 cm^3$	
1m = 100cm	$1ml = 1cm^3$	

Drawing apparatus

- We use simple line drawings to represent the equipment we use during practicals.
- · Always use a pencil to draw these diagrams







Bunsen burner

Beaker

Measuring cylinder

Test tube



tube



poratin

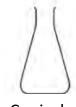
Boiling g basin

Tripod

Funnel



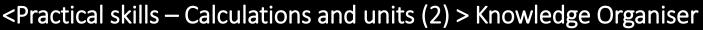
Clamp, stand, boss



Conical flask



gauze Heatproof mat





Flammable

Harmful to

the

environment

Serious

health

hazard

	Key Term	Definition	
	Independent	The variable that you change	
1	variable	in an experiment. You can	
		only have one of these	
	Discrete data	Data that only take certain	
2		values and falls into	
		categories	
2	Anomaly	A data point which does not	
3		fit the trend. An 'odd' result	
	Gradient	The slope of the line on a	
4		graph	
	Toxic	A substance which can be	
5		poisonous and possibly	
		deadly.	
	A A A A		

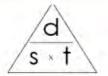
· What is speed?

A measure of how far something travels in a particular time.

"The rate at which something mo

How do we calculate speed?

Speed = distance time



· What is speed measured in?

(Metres per secon m/s

Sometimes we are given distance in kilometres and time in minutes. In this case, we need to do a unit conversion.

Example question: A runner runs 100 metres in 10 seconds, calculate his speed.

Speed = Distance ÷ Time

Speed = $100 \div 10$

Speed = 10 metres per second (m/s)

Key point: Sometimes you might be asked to rearrange the equation to find the distance or time.

Time = Distance ÷ Speed

Distance = Speed x Time

Time

change in x

When continuous data is grouped into categories.

draw a bar chart.

When both variables are continuous, we draw a scatter graph.

Meters

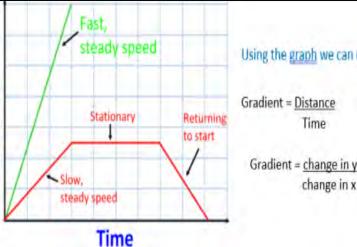
Kilometers

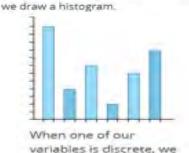
60 SECONDS MINUTE ×60



Oxidising

Harmful







	Key Term	Definition
	Independent	In an experiment, this is the
1	variable	thing that you change on
		purpose.
2	Dependent	In an experiment, this is the
2	variable	thing that you record.
2	Control	All of the things that you keep
3	variable	the same.
	Equipment	Tools and measuring devices
4		needed for science
		experiments.
_	Repeat	Doing something multiple
5		times.

Repeats

In a science investigation, we repeat the experiment three times and calculate the **average (mean)**.

	Throw 1	Throw 2	Throw 3
Distance (m)	11	12	10

To calculate the mean, you add together all of the numbers and then divide by the number of repeats.

E.g. 11 + 12 + 10 = 33 metres $33 \div 3 = 11$ metres

Planning an Investigation

Ī

Don't

Care.

Everything's Rubbish



Independent
Dependent
Control
Equipment
Repeats

I apologise that this is quite negative, but this memorable mnemonic allows us to remember how to plan an investigation!

Example

A student is investigating how changing the mass of a ball affects how far the ball can be thrown.

Independent Variable

The student will be changing the mass of the ball.

Dependent Variable

The student will be recording the distance the ball is thrown.

Control Variables

The student will need to keep the following things the same:

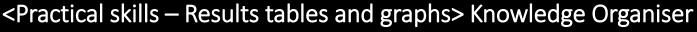
- Person throwing the ball
- Size/shape of the ball
- Wind speed and direction

Equipment

The student will need an electronic balance to measure the mass of the balls and a tape measure to measure the distance of the each throw.

Repeat

For each different mass of ball, repeat the throw three times and then calculate the mean (see left for more details).





	Key Term	Definition	
	Discontinuous	Data that is in categories such as eye	
1	Data	colour or shoe size. This data should be	
		plotted on a bar chart.	
	Continuous	Data that can take any numerical value	
2	Data	within a range such as height or	
2		temperature. This data should be	
		plotted on a line graph.	
3	Gradient	The gradient of a line is how steep it is.	
	Line of best	A line of best fit is drawn to best	
4	fit	represent the trend of the points. This	
*		can either be straight or curved and	
		not a dot-to-dot.	
5	Origin	The point on the graph that is 0,0.	

Drawing Results Tables

The independent variable always goes in the left column. The dependent variable always goes in the right column.

Independent	Dependent
Variables	variable
(units)	(units)

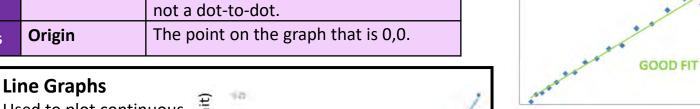
Drawing Lines of Best Fit

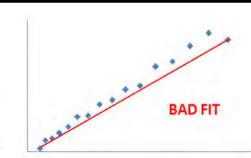
DO NOT have to go through zero (the origin)

DO NOT have to be a straight line **DO NOT** include anomalies in lines of best fit

SHOULD always follow the points IF it is a straight line then it should be drawn with a ruler

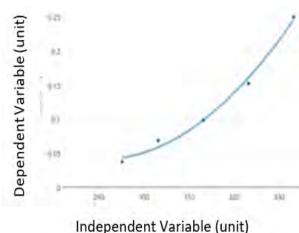
IF it is a curve then it should be drawn free hand





Used to plot continuous

Data. The independent variable always goes on the x-axis and the dependent variable always goes on the y-axis.



Discontinuous vs Continuous Data

Discontinuous data - categories	Continuous data – can take any value
Hair colour, eye colour, shoe size, type of pet	Height, weight, temperature, volume of gas

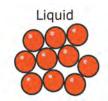


<States of matter> Knowledge Organiser |

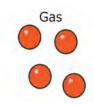
	Key Term	Definition
1	atoms	Smallest part of an element that can take part
_		in a chemical reaction.
2	Molecules	A particle consisting of two or more atoms
2		joined together.
3	Boiling	The temperature at which a substances
3	point	changes from a liquid to a gas.
Mixture Two or more		Two or more substances not chemically
4		bonded together.
5	Pure	A substance containing only one type of
3		particle, either element or compound.

1 Solid

Particles bonded. In a pattern Vibrating Close together



Particles not bonded. Random pattern Freely moving Close together



Particles not bonded. Random pattern Fast movement Far apart

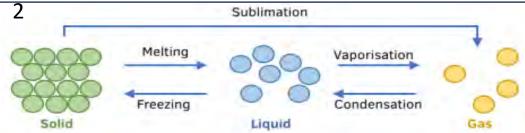


Fig 2 Shows the names for the changes in state from solid to gas and back again

Fig 3. Shows the temperature of water as it is heated from ice to water vapour. The plateaus match the melting and boiling points at 0°C and at

100°C

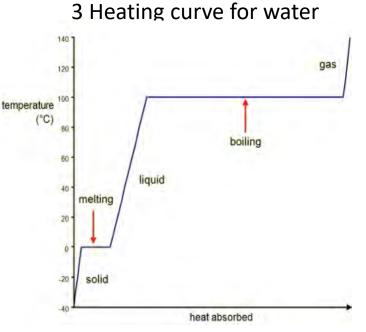
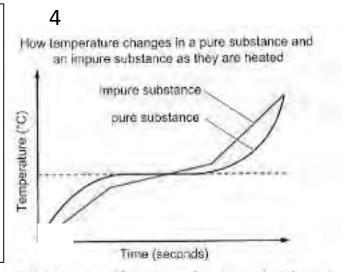


Fig 4 Shows the heating curve for pure and impure substances. The impure curves fails to plateau due to having a variety of different boiling /melting points

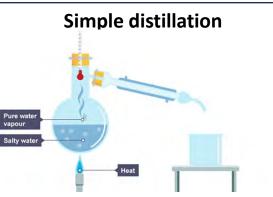


D heating curves for a pure substance and a mixture





	Key Term	Definition	
1	Solute	The substance that	
_		dissolves	
2	Solvent	The liquid the substance	
_		dissolves in	
	Solution	The liquid mixture of	
3		solute and solvent.	
3		Solutions are clear – you	
		can see through them	
4	Soluble	A substance that can be	
4		dissolved in a solvent	
5	Insoluble	A substance that cannot	
5		be dissolved in a solvent	
Ξ			



- 1. Salt solution is heated.
- 2. Water vapours rise and pass into the condenser, where it cools and condenses.
- 3. Liquid water drips into a beaker, leaving the salt behind.

Filtration

- 1. The mixture of insoluble solid and liquid is poured into the filter funnel.
- 2. The small liquid particles pass through the filter pape as a filtrate.
- 3. The large solid particles stay behind as a residue.



Evaporation Solution Heat

The water in the solution is evaporated, leaving solid crystals behind.

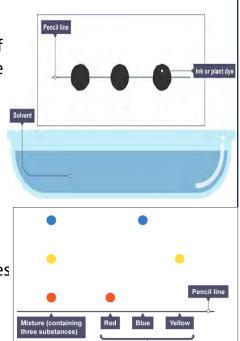
Fractional distillation



- 1. Water and ethanol mixture is heated with electric heater.
- 2. Ethanol vapour (78°C) passes into the condenser, where it is cooled and condensed and drips into a beaker.
- 3. Water vapour (100°C) passes into the condenser, it is cooled and condensed. liquid water drips into a second beaker.

Chromatograph

- 1. A pencil line is drawn, and spots of ink or plant dye are placed on it.
- 2. The solvent travels up through The paper, taking some of the coloured substances with it.
- 3. The different coloured substances spread apart.







- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on page 15-20 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

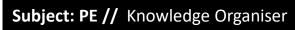
Homework	Task:		
Homework 1 Working Scientifically Units in Science Calculation (1)	 Read, cover, write and check key terms 1-5 What is the formula to calculate power? How many metres are there in a kilometre? Why does your mass stay the same on the moon and the earth, but weight does not? What is the scientific drawings for a beaker, funnel, tripod and a gauze? 		
Homework 2 Working Scientifically Units in Science Calculations (2)	 Read, cover, write and check key terms 1-5 What is the formula to work out speed? Include units. What are the symbols for corrosive and irritant chemicals? What kind of graph should be used for discrete data and why? A runner runs 150 metres in 30 minutes. What is the speed in m/s? 		
5. A runner runs 150 metres in 30 minutes. What is the speed in m/s? 1. Read, cover, write and check key terms 1-5. A student is investigating how changing the amount of light a plant gets affects the plant will grow. 2. In the investigation above, identify: a) the independent variable b) The dependent variable 3. In the investigation above, name three control variables. 4. Name the equipment the student would need to do the experiment above. 5. The student took three plant measurements of 11 cm, 12 cm and 13 cm. Calcumean plant height.			





- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on page 15-20 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	Due	Task:
Homework 4 Practical Skills – Graphs and results tables		 Read, cover, write and check key terms 1-5. When drawing a table what should be in the first column and what should be in the second column? Name 3 things not to do when drawing a line of best fit. Name three things to do when drawing a line of best fit. Give 3 examples of continuous data and three examples of discontinuous data.
Homework 5 States of Matter		 Read, cover, write and check key terms 1 –5 What is the name given to the change of state from solid straight to gas? Describe the changes in particle movement and arrangement between a solid and a liquid? As ice warms up what do the plateaus in temperature represent? How could you identify if a substance was pure simply from heating it?
Homework 6		 Read, cover, write and check key terms 1 -5 Give an example of mixture that can be separated by filtration. State the steps to separate sugar from sugar solution. Name two liquids that can be solvents. On the chromatography paper, why is the line drawn in pencil? Should water be pumped into the condenser from the bottom or from the top?





Co	Physical omponents of Fitness	Definition	Types of Training to improve fitness components	Fitness Tests for measuring each component of fitness
1	Aerobic Endurance	The ability to exercise your cardio respiratory system for a long period of time. Continuous, Fartlek, Interv		Forestry Step Test, Multi Stage Fitness Test.
2	Muscular Endurance	The ability to exercise your muscular system for a long period of time.	Circuits, Free weights, Plyometrics.	One minute press-up, one minute sit-up test.
3	Muscular Strength	The maximum force that a muscle or muscle group can produce.	Circuits, Free weights, Plyometrics.	Hand grip dynamometer.
4	Flexibility	The range of movement around a joint.	Static, Ballistic, Proprioceptive Neuromuscular Facilitation.	Sit and reach test.
5	Speed	The distance covered over time (metres per second.	Hollow sprints, Acceleration sprints, Interval.	35m sprint test (BTEC) or 30m sprint test (GCSE).
6	Body Composition	The ratio of fat mass to fat free mass in the body.	Continuous training and free weights	Body Mass Index, Bioelectrical Impedance Analysis, Skinfold test.
7	Balance	The ability to maintain a centre of mass above a base of support.	Dynamic balance drills	Stork Stand Test.
8	Coordination	Being able to use two or more body parts at once to complete a motor task efficiently.	Hand eye coordination drills	Wall Toss test.
9	Reaction Time	The time taken to respond to a stimulus.	Plyometrics, acceleration sprints	Ruler Drop Test.
1 0	Power	The combination of speed and strength.	Circuits, Free weights, Plyometrics.	Vertical Jump Test.
1	Agility	The ability to change direction at speed without losing balance.	Plyometrics	Illinois Agility Test.



	Physical Effects of exercise Long Term
12	Lower resting heart rate (bradycardia).
13	Lower breathing rate.
14	Bigger and stronger muscles including the heart (Hypertrophy).
15	Reduced risk of chronic illnesses such as type 2 diabetes and heart disease.
16	Increased bone density.
17	Improvement in specific components of fitness.
18	Decreased risk of hypertension.

	Principles of Training	How to apply them
19	Frequency How often you train.	
20	Intensity How hard you train.	
21	Time How long you train for.	
22	Туре	The method of training you use.







- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on page 23-24 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	Due	Task:	
Homework 1 Completed?		 Look, cover, write, check Key Words Name 2 components of fitness that you would need to be a good football player? What skill component would be the most important if you were a Gymnast? Why? What component of fitness does the hand grip dynamometer measure? What does the F stand for in the principles of training? 	
Homework 2 Completed?		 Look, cover, write, check Key Words Name 2 components of fitness that you would need to be a good Basketball?3. What skill component would be the most important if you were a Sprinter? Why? What component of fitness does the sit and reach test measure? Give 2 long term effect of exercise on the body? 	
Hom—ork 3 Completed?		 Look, cover, write, check Key Words Name 2 components of fitness that you would need to be a good javelin thrower? 3. What skill component would be the most important if you were a Cricket player? Why? What component of fitness does the ruler drop test measure? What does the I stand for in the principles of training? 	







Key vocabulary	Definition UNICODE UNI	
1. Network	Two or more connected devices that can share data, peripheral devices such as printers and an internet connection.	
2. WAN	Wide Area Network: A network over a large geographical area e.g. the internet.	
3. LAN	Local Area Network - network in a small geographical area e.g. an office/school	
4. Router	device which forwards data packets to the appropriate parts of a computer network packet switching) allowing communication of data across the internet.	
5. Switch	A "Smart" device which forwards data to a specific device on a network.	
6. Malware	Malicious software created to damage or gain illegal access to computer systems examples are worms, viruses and trojans.	
7. Encryption	Encoding data – often used when logging onto websites – personal data is scrambled and therefore cant be stolen.	
8. Numbering systems	Binary (Base 2 0's & 1s) Denary (Base 10 0,1,2,3,4,5,6,7,8,9).	
9. Character sets	The complete set of characters a computer can understand (ASCII – English language; Unicode – Any language).	
10. CPU	The central processing unit which carries out the instructions for a computer.	



Key vocabulary	Definition		
11. Number of cores	Computers can have single, dual, quad or octo cores. Each time.	core can carry out 1 instruction at a	
12. Clock speed	How fast the CPU carries out one complete cycle of the fet (billion instructions per second).	ch execute cycle measured in GHZ	
13. Primary storage	The name given to RAM (Random Access Memory) – temporary storage of data and programs in use. Volatile.	Plowchart Example	
14. Secondary storage	Main storage of programs and files. Permanent storage. Non-volatile.	On? Are there any Is the computer Is the computer	
15. Flowcharts	Show the general flow of an algorithm without going into lots of detail.		
16. Sequence	The specific order in which instructions are performed in an algorithm. This is a way of programming instructions.	Yes Yes	
17. Selection	Allows for more than one path through an algorithm (IF and ELSE). This is a way of programming instructions.	Perform a search for the Search for the Check the	
18. Iteration	The process of repeating steps (WHILE and FOR). This is a way of programming instructions.	error computer computer power cord	
19. String	A programming term used to describe a collection of characters.	CPU RAM	
20. Integer	A programming term used to describe whole numbers.	Storage	
21. Real (or Float)	A programming term used to describe decimal numbers.	Motherboard	





<u>Instructions: You are on a rotation with Technology. If you are unsure, please speak to your teacher.</u>

- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on page 26-27 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	Due	Task:
Homework 1 Completed?		 Look, write, cover, check vocabulary 6-7. Name the malicious code that looks like a trusted file. Explain what a virus does. When should encryption be used on the internet? Explain one advantage of using wired connection over wired connection.
Homework 2 Completed?		 Look, write, cover, check vocabulary 8-9. Why is binary known as a 'base 2 ' numbering system Convert 38 denary to binary. Why is ASCII no longer appropriate for modern computers? Why is Unicode a more appropriate character set for modern computers?
Homework 3 Completed?		 Look, write, cover, check vocabulary 10-14. What does CPU stand for and what does it do? Why is RAM known as 'volatile'? What is the purpose of secondary storage?

Vovvvord	Definition			
Key word	Definition	Isometric Drawing		
1 CAD	This stands for computer aided design. This is where we use the computer to design products	Isometric drawing is made up of a series of parallel vertical lines	metric drawing is de up of a series of	
2. Thermoformin g	This is a type of plastic that can be heated up and shaped over and over again.	and parallel 30 degree lines. There are no horizontal.		
3. Thermosetting	This is a type of plastic that when shaped cannot be reshaped			
4. Fossil fuels	These are coal, gas and oil and we burn these to produce energy. They come from the earth / sea and are not renewable.	30*		
5. Renewable	This means something that will not run out e.g. wind, solar, wave (hydro), biomass, geothermal energy.	Week 2: Question 2 &3: Complete your isometric drawing and colouring here.		
6. Non renewable	This means something that will eventually run out e.g. fossil fuel.			
5. Recycle	To take a material no longer needed and use it to make another	D-1	Thermoplastics/ Thermoforming plastics	Thermosets/ thermosetting plastics
	product. This sometimes involves melting and reshaping.		Acrylic (PMMA)	Epoxy Resin (ER)
6. Thermoforming	This is a type of plastic that can be		High density polyethylene (HDPE)	Urea-formaldehyde (UF)
	heated up and shaped over and over again.	型 中	Polyethylene terephthalate (PET)	Melamine-formaldehyde (MF)
7. Thermosetting	This is a type of plastic that when shaped cannot be reshaped		Polyvinyl Chloride (PVC)	Phenol-formaldehyde (PF)
		I	Polypropylene (PP)	Polyester Resin (RN)





Instructions: You are on a rotation with Technology. If you are unsure, please speak to your teacher.

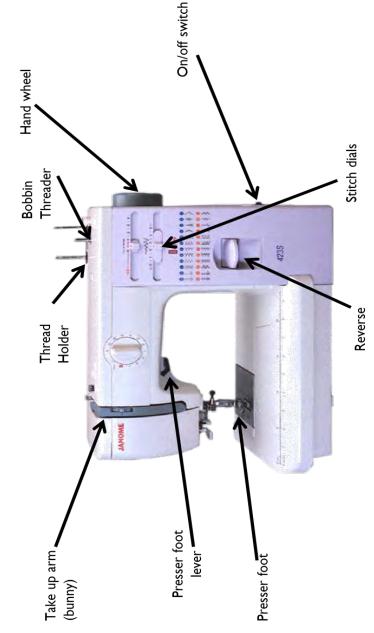
- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on page 29 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	Due	Task:
Homework 1 Completed?		 Look, write, cover, check vocabulary 1-3. Explain what isometric is and draw 3 different shapes in isometric Add colour neatly to each shape and add shadows to each one. Evaluate what is good and what could be improved
Homework 2 Completed?		 Look, write, cover, check vocabulary 4-6. What are the 3 fossil fuels. What are the disadvantages of using fossil fuels. Name 3 types of renewable energy. Describe an advantage and a disadvantage of renewable energy
Homework 3 Completed?		 Look, write, cover, check vocabulary 5-7. Explain the difference between thermoforming and thermosetting plastics Give 3 examples of thermoforming plastics Give 3 examples of thermosetting plastics What are the environmental impacts of using plastic?



Name	Picture	What it is used for
1. Fabric Scissors	A	You use them to cut fabric
2. Pins		They hold fabric in place when you are sewing
3. Bobbin Case		It holds the bobbin in place on the sewing machine
4. Tailors Chalk		They mark fabric with it
5. Ironing Board	The state of the s	You lay fabric on it to iron it to remove creases
6. Needle	1	You use it to sew or embroider by hand
7. Tape Measure	3 3 3 5 6 7	It can measure around curves
8. Iron		It is used to remove creases in fabric
9. Paper Scissors	OF	You cut paper with these
10. Thread		It is used to create stitches, made from cotton or cotton/polyester
11. Quick Unpick		You use it to undo stitching
12. Bobbin		You wind thread onto this. It is the bottom thread in the sewing machine

Parts of the sewing machine







<u>Instructions: You are on a rotation with Technology. If you are unsure, please speak to your teacher.</u>

- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on page 31 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	Task:
Homework 1 Plastics and Completed?	 Look, write, cover, check vocabulary 4-6. Explain why you use tailors chalk to mark fabric instead pens. Explain why you use an ironing board when ironing fabric and not just a table. Draw a diagram of a needle with thread through the eye of the needle
Homework 2 Packaging Completed?	 Look, write, cover, check vocabulary 7-9. Explain why a tape measure is used in Textiles and not a ruler Explain 2 uses of an iron in Textiles Explain why you only use fabric scissors to cut fabric and not paper. List 5 parts of the sewing machine
Homework 3 Metals Completed?	 Look, write, cover, check vocabulary 10-12. What is thread used for in Textiles? List 2 other names you may have heard your Teacher call the quick unpick by. Explain why a quick unpick is useful. Explain why we usually match the colour of the bobbin thread to the top thread.



Important vocabulary				
Key word	Meaning			
1. Aeration / aerate	Adding air to foods to make them rise e.g., baking powder releases Co2 bubbles.			
2. Chemical raising agent	Baking powder, self-raising flour or bicarbonate of soda. These release carbon dioxide when mixed with liquids to aerate products.			
3.Coagulation	The setting of protein foods caused by heat e.g. eggs set when cooked.			
4. Gelatinisation	When a starchy food swells when heated and then absorbs/ thickens e.g. flour thickens a white sauce. Potatoes, pasta and rice swell and soften when cooked.			
5.Heat transfer	The way in which heat moves from one place to another.			
6. Conduction	Direct heat from the hob is transferred to the metal pan, which then heats the foods.			
7. Convection	When heated the hot liquid/ air rises and then the cooler liquid drops back to the bottom to be heated again. Examples include boiling/ simmering or a fan oven.			
8. Radiation	Heat radiates down from a heat source to cook food e.g. grilling burgers.			
9. Sensory analysis	Using our sense (taste, feel, vision, smell) to judge how acceptable a product is.			
10. Descriptors	Words that accurately describe.			
11. Nutrients	Fat, protein, carbohydrates, vitamins and minerals needed by the body.			
12. Nutrition	Eating all the nutrients required to be healthy.			
13. Versatile food	Can be used to make lots of different food products e.g., sugar, flour, eggs and water.			
14. Cross contamination	When food poisoning bacteria, chemicals or objects get into/onto foods from another place.			



RAW MEAT



RAW FISH



COOKED MEAT



SALAD & FRUIT



VEGETABLES



BAKERY & DAIRY

TIPS FOR FOOD SAFETY

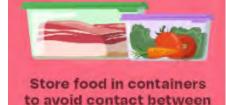
ALWAYS SEPARATE RAW& COOKED FOODS







Separate raw meat, poultry and seafood from other foods. Use separate equipment and utensils such as knives and cutting boards for handling raw foods.



raw and prepared foods.





Instructions: You are on a rotation with Technology. If you are unsure, please speak to your teacher.

- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on page 33 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	⊈ e ⊞	Task:
Homework 1 Plastics Completed?		 Look, write, cover, check vocabulary 1-4. What is sensory analysis and why is it used in the food industry? Why is it important to use words/ descriptors that actually describe instead of nice or nasty when completing a sensory analysis? Give 3 examples of foods that gelatinise (gelatinisation). White sauce is used as a base to make lots of dishes. Name 3 dishes
Homework 2 Packaging Completed?		 Look, write, cover, check vocabulary 5-8 Name 2 foods can be cooked using conduction as a method of heat transfer. Name 2 foods can be cooked using convection as a method of heat transfer. Name 2 foods can be cooked using radiation as a method of heat transfer. Why do we need to pre-heat ovens and grills before using them?
Homework 3 Metals Completed?		 Look, write, cover, check vocabulary 10-14 What is the difference between the meaning of nutrition and nutrients? Why is it important to have protein, calcium and vitamin D as a teenager? Using colour coded chopping boards can help to prevent cross contamination. Use the image to create a list of food examples for each colour e.g. cooked meat = ham, chorizo, salami etc List 2 other ways that cross contamination can be avoided when cooking.



This term for homework you will be looking at 'Artwork Analysis'.

In artist analysis we look directly at an artist's work and analyse what we see, know and think about the work.

Analyse- To look at something in detail to explain and ask what is means.

Infer- To understand and gather ideas from evidence- in this case the artwork.

This involves thinking about the formal elements of art- colour, shape, form, pattern, texture, composition and tone. As well as comparing what we see with what we know in order to think and explore elements further.

This will help develop your visual literacy skills and your ability to give opinions and back that with evidence.

Each week you will need to answer the questions and finish the sentence starters about the artwork then write this into your homework book.

You may need to do some additional research to help you find out the answers.



Example

The piece I am looking at is called 'Iqalutsiavak' (Beautiful Fish). It was made in 2005. The artwork measures 66 x 81.3 cm.

I can see a large fish in the centre of the piece, it look as if it is swimming because the tail is folded round above the head. I can see 4 lines coming from the side of the fish, ending in teardrop shapes. The colour of the fish is yellow, orange, black and green. The black is used on the outlines of the fish and to add detail such as the eyes.

The **texture** of the piece is mainly smooth, but I can see a dot type texture on the green parts of the fish and tail.

The artist used stone cut and stencil which is a type of printmaking which allows you to get nice smooth areas and sharp lines.

I think the work is about the fish and about Inuit culture, Inuit people eat fish as the main part of their diet and therefore spending time fishing is an important part of Inuit culture.

I like this piece because the artist has used **harmonious colours** of red and orange and blended smoothly between them. I also like the detail in the fish to show the fins, tail and eye. The position of the fish makes it look like its alive which gives the piece a sense of energy which I find interesting.

1- The piece I am looking at is called		
(the artworks name)		
It was made in		
The artwork measures by		

2- **See**- Describe the piece of work, imagine you are describing it to someone who cannot see it. You need to add a lot of detail.

Subject, Colour,
Composition, Shape/form,
Pattern, Texture,
Line, Tone,

ca	n	c	Δ	Δ						
Ca		ာ	L	L	 	 	 •	٠.		 ۰

3- **Know-** What material/ technique has the artist used?

(artists name) works in
(art material).
One of the techniques they use
S

4- Think- Make connections with what you know and consider context.

What do you think the work is about?

I think this work is about......

5- **Think-** What do you think about the work?

I like/dislike this piece because.....





- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on page 35 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	Due	Task:
Homework 1 Completed?		1- Complete a piece of writing analysing the artwork by Katsushika Hokusai. Katsushika Hokusai, "South Wind, Clear Sky from Thirty-Six Views of Mount Fuji," 1830, wood block print.
Homework 2 Completed?		 Complete a piece of writing analysing the artwork by Michael Kenna. Koshimizu Tree, Hokkaido, Japan. 2023. Photography
Homework 3 Completed?		 Complete a piece of writing analysing the artwork by Shaun Kardinal. Shaun Kardinal, Planes series, 2019, embroidered paper



Year 8 Drama – Block 8-Devising from Stimulus

Elements of Devising	Description
Devising	Creating an original piece of theatre
Stimulus	Something that inspires you to think of ideas
Plot	The storyline
Themes	Ideas that are reoccurring e.g. Power
Atmosphere	The mood of the scene
Characters	The people in the story
Setting	Where the performance is set
Climax	The most important moment in the story
Tension	A state of uncertainty that builds suspense
Interpretation	Your own creative response to the stimulus



		Physical Skills
1	Gesture	Hand actions i.e. pointing a finger or tilting the head
2	Mannerism	A character's habitual movements i.e. twitching the nose, licking the lips, biting the nails
3	Body Language	Non-verbal communication of the body to show emotion
4	Facial Expression	How the face conveys emotion e.g. an angry face shows furrowed eyebrows, pursed lips, squinted eyes, scrunched nose and forehead
5	Proxemics	Distance between characters. How the stage space is used effectively to show something (e.g. relationships between characters)
6	Gait	How a character walks e.g. narrow or wide gait
7	Relationship	How the character interacts with others on stage
8	Energy	Low level or high level
9	Posture	How a person carries themselves sitting or standing e.g. – shoulder back, chest out, chin up, feet together
10	Eye Contact & Eye Line	When two people are aware of looking directly into one another's eyes. Where the eyes are focused.



Year 8
Drama –
Block 8Devising
from
Stimulus



Techniques			
11	11 Freeze Frame A frozen scene on stage		
12	Step-Out	a character to 'step out' of a scene and reveal something to the audience, while the rest of the action freezes	
13	Narration	the process of telling a story	
14	Split Stage two or more scenes which are performed on stage at the same time		
15	Staging	Where the audience are e.g. proscenium arch, thrust stage, In the round, traverse, promenade/end-on	
16	Breaking the Fourth Wall When characters speak to the audience by breaking the imaginary wall between them		
17	Characterisation	How your character appears, speaks, thinks, feels & moves, motivation & context	
18	Stage positions E.g. centre stage, upstage left, upstage right, downstage left etc		
19	Blocking Where the actors stand on stage		
20	1 Improvise A performance created on the spot without preparation		

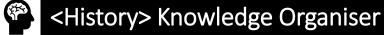
Vocal Skills			
21	Accent	shows where the character is from	
22	Volume	How loudly or softly you speak	
23	Diction	informal / slang the way in which you pronounce words clearly	
24	Tone	how the voice conveys emotion	
25	Pitch	High or low voice	
26	Pace	Speed of delivering dialogue	
27	Pause	A gap between word or lines of dialogue used for effect	
28	Intonation	Where the pitch goes up and down to keep the audience engaged	
29	Timing	Taking less or more time to speak for a particular reason	
30	Emphasis	Where a word or sound is exaggerated for effect	



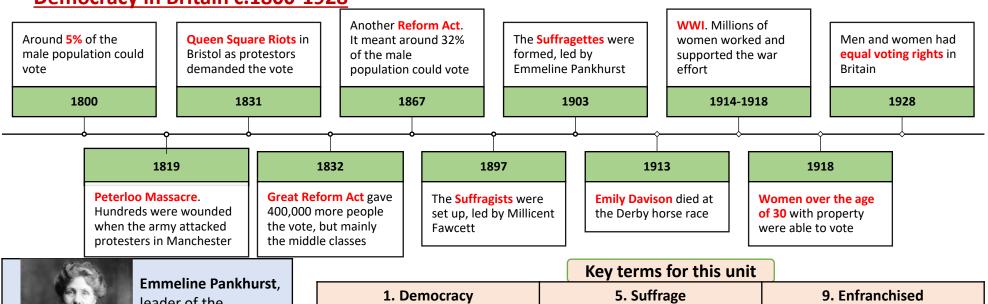


- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on page 37-38 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	Due نون	Task:
Homework 1 Completed?		 Cover, Write, Check key terms 1-10 Name a physical skill. Describe how you would use that physical skill on stage. Name a vocal skill. Describe how you could use that vocal skill on stage.
Homework 2 Completed?		 Cover, Write, Check key terms 11-20 What makes a successful freeze frame? How can you show the status of character using levels? How can a fairytale be modernised? Give one example. Draw a square box and mark Downstage Right with an X.
Homework 3 Completed?		 Look, Cover, Write, Check key terms 21-30 What does a focused rehearsal look like? What is a step-out? How can you create tension on stage using vocal skills? Draw a square box and mark Upstage Left with an X.



Democracy in Britain c.1800-1928







Millicent Fawcett. leader of the Suffragists



Emily Davison, a suffragette who was hit by the King's horse at the Derby and died



Henry Hunt, A radical reformer and orator who wanted more men to be able to vote

A system where everyone is represented in government

2. Suffragists

A group who wanted women's suffrage. They tended to use non-violent methods

3. Orator

A good public speaker

4. Parliament

Made up of the House of Commons and the House of Lords, this is where laws are made and passed

The right to vote in elections "People in the 1800s campaigned for suffrage"

6. Suffragettes

A group who wanted women's suffrage. They were willing to use violence to be heard

7. The Derby

A prestigious horse race ran every year

8. MPs

Members of Parliament. Today there are 650 MPs who represent their local area in **Parliament**

To give the vote to people "Women were enfranchised in 1928"

10. Reform

Change. People in the 1800s wanted political reform

11. Radicals

The name given to those who wanted change in the 1800s

12. Canaries

The nickname for women who worked in WWI factories making bullets, this was because their skin often turned vellow





- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on page 40 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	Due	Task:
Homework 1 Completed?		1.Look, Cover, Write and Check terms: 1, 2, 3, 4. 2. What is a 'democracy'? 3.Use the word reform in a sentence 4.What happened in 1832? 5.What does the term suffragette mean?
Homework 2 Completed?		1.Look, Cover, Write and Check terms: 5,6,7,8 2.Describe 1 positive of the Great Reform Act (1832)? 3. Who was Henry Hunt? 4.True or false: both men and women were able to vote in the 1800s. 5.When were women over the age of 30 given the vote?
Homework 3 Completed?		1.Look, Cover, Write and Check terms: 9,10,11,12 2.What was Peterloo Massacre? 3.How did WW1 impact how women were viewed? 4.What is the difference between Suffragists and Suffragettes? 5.Why were the Suffragettes' considered 'radical' (extreme)?

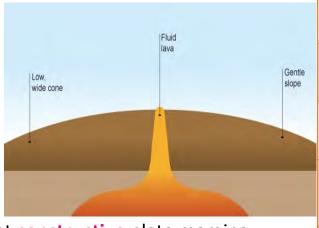


8.4 Why do so many people live in the danger zone? Part two

Shield vs Composite volcanoes

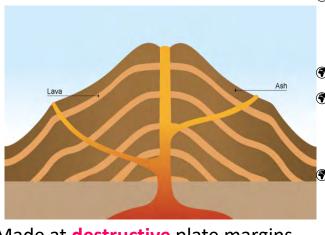
- Gentle slopes and a wide base
- Frequent eruptions
- Lava flows at high speeds and long distances
- Non-violent eruptions

Shield volcanoes



Made at constructive plate margins.

Composite volcanoes



			a i c
∕lade at des	structive	e plate margins.	and

- Steep sided with a distinctive cone shape.
- Acid lava
- Explosive eruptions of lava and ash
 - Layers of alternating ash id lava

	Keyword	Definition
	1. Shield volcano	A steep sided volcano made up of layers of lava and ash, only created at destructive plate margins
	2. Composite volcano	A flat volcano, only created at constructive plate margins.
	3. Primary effect	An effect which is a direct consequence of the natural hazard.
	4. Secondary effect	An effect which is a consequence of the primary effects of a natural hazard.
	5. Immediate response	Something which usually occurs within the first three days of a natural hazard.
	6. Long-term response	Something which occurs weeks, months or years after a natural hazard.
9	7. Prediction	Involves trying to forecast when the natural hazard will occur.
	8. Preparation	Putting procedures in place to limit the loss of life and increase the chance of survival.
	9. Protection	Building to an appropriate standard and using designs to withstand the natural hazard.



What makes some countries more at risk to hazards?

Physical factors	Social factors	Economic factors
Tectonic hazards occur close to plate boundaries. The closer a location is to the boundary the more intense the hazard can be.	HIC may have well established evacuation procedures and disaster response teams.	High income countries may have access to the most accurate technology and data for monitoring volcanoes.
The stronger the earthquake the more destructive it can be.	In poorer areas, people may not have access to shelter, food, clean water supplies and medical care.	High income countries can afford to build homes which can withstand strong earthquakes.

Nepal earthquake 2015

Death Toll: 8 500 people

Damage cost: \$10billion (50%

of countries GDP) Magnitude: 7.8

Time and Date: 25th April 2015

11:56am

GNI per capita: \$2970

Adult literacy: 57.4% over 15

years can read/write

Clean water access: 87.6%

people have access



Death Toll: 41 people
Damage cost: \$3.32billion

Magnitude: 6.6

Time and Date: 6th September

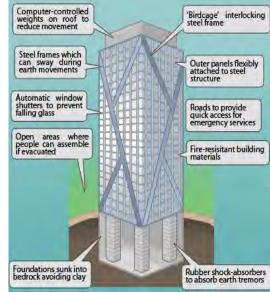
2018 03:08am

GNI per capita: \$43,730 Adult literacy: 99% over 15 years can read/write Clean water access: 97%

people have access

Japan earthquake 2018





How does the level of development effect the impact and responses to earthquakes?

- In less developed areas, buildings and infrastructure may not be constructed to withstand earthquakes, and emergency response systems may not be well-equipped to handle the aftermath of an earthquake. This can result in more damage, injury, and loss of life.
- In more developed areas, buildings and infrastructure are often designed and built with earthquake-resistant features, such as flexible joints, shock absorbers, and bracing.
- Emergency response systems are better equipped to handle an earthquake, including search and rescue operations and providing medical assistance.





- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on pages 42-43 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	Due	Task:
Homework 1 Completed?		 Look, cover, write and check key terms 1 and 2. Which type of volcano is made at a destructive plate margin? Which volcano has non-violent eruptions? Describe the differences in shape between the two different volcanoes. What are the two main differences between shield and composite volcanoes?
Homework 2 Completed?		 Look, cover, write and check key terms 3-6. How can physical factors make a country more at risk to hazards? Which earthquake had the most deaths? Which country is a LIC and which is a HIC? Why did the Japan earthquake cause more expensive damage?
Homework 3 Completed?		 Look, cover, write and check key terms 7-9. How can social factors make a country more at risk to hazards? Which country has more access to clean water? Finish the sentence: 'Development can affect the impacts of earthquakes by' Explain how a building can be made earthquake proof.



Key Terms

- 1. Original sin inherited sinful nature from Adam and Eve's disobedience
- 2. The Fall the event of Adam and Eve's expulsion from the garden of Eden
- 3. Evil the presence of moral and natural wrongdoing or harm
- **4. Suffering** the experience of physical or emotional pain and distress
- **5.** Free will the ability to make choices and decisions without external concern
- **6.** Karma concept that ones actions in the present or past lives will influence their future experiences and circumstances
- 7. Enlightenment the realisation of the truth about life
- **8.** Theodicy argument for God's existence that uses evil and suffering

tvil and Suffering

What is evil?

There are two types of evil and suffering:

- Moral evil and suffering this is suffering caused by the actions of humans. Examples include acts of murder, and war.
- Natural evil and suffering this is suffering that is caused by nature and has nothing to do with the actions of humans. Examples include earthquakes, floods, tsunamis and disease.

Buddhist Responses to Suffering

- •Suffering is a key part of life. Buddhists follow teachings that will help to relieve the suffering of others.
- •Karuna is the word for compassion. This is the understanding of, and the desire to help remove harm and suffering from others.

"And how do you live with your heart suffused with loving-kindness extending outward in any direction? In the same way that you feel friendliness when you see a dearly loved friend, you extend your loving-kindness to every living thing." - The Vibhanga

- Buddhists believe that following the Eightfold Path will help them to reach enlightenment. This will end the cycle of suffering.
- •In the fourth truth the **Buddha** taught that the way to get rid of the desire that causes suffering is to free vourself from being attached to it.

The Eightfold Path

- The Eightfold Path is a set of guidelines for Buddhists to live by that should lead to the end of suffering.
- •Each step of the Eightfold Path is carried out at the same time, as opposed to step by step. The eight steps are:

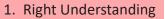
The 4 Noble Truths

"I teach suffering, its origin, cessation and path. That's all I teach", declared the Buddha 2500 years ago.

The Four Noble Truths contain the essence of the Buddha's teachings.

- 1. The truth of suffering (Dukkha)
- 2. The truth of the origin of suffering (Samudāya)
- 3. The truth of the cessation of suffering (Nirodha)
- 4. The truth of the path to the cessation of suffering (Magga





- 2. Right Intention
- 3. Right Speech
- 4. Right Action
- 5. Right Livelihood
- 6. Right Effort
- 7. Right Mindfulness
- 8. Right Concentration





The Story of Job

- Job is described as a good man who loves God.
- <u>Satan</u> challenges God, saying that Job is only good because he has a happy life. God allows Satan to put Job's faith to the test by causing him to suffer.
- First, Job loses his livestock, his servants and all his children.
- He is devastated but remains faithful and praises God.
- Then he suffers horrible weeping sores all over his body.
- Job's wife tells him to reject God and to accept that he is dying, but Job refuses.
- He tries to find ways to live with his suffering.
- Even his closest friends think that he must somehow be to blame for his suffering.
- Job begins to question God's fairness how could God let wicked people flourish while good people suffer?
- Eventually, God appears to Job.
- He asks impossible questions that show Job how little he can understand about God's ultimate plan.
- Job is humbled by this encounter, and at last appreciates that God's unlimited power cannot be fully understood by human beings.
- Job never learns why he has suffered.
- However, God restores his health and gives him twice as much property as before, more children, and a very long and prosperous life.

The Inconsistent Triad (J.L Mackie)

- •The problem of evil can be regarded as an 'inconsistent triad' in other words, three ideas but only two of them can be true.
- •As there is clear evidence and experience of evil, either God is not all-powerful (ie He cannot stop evil) or God is not loving and good (ie He does not love us or care enough to stop evil).
- •Some people believe that if evil exists and God is all-powerful, then He cannot be all loving.

Responses – Epicurus

- The Greek philosopher Epicurus (342-271 BCE) claimed that the existence of evil proved there is no God.
- He claimed that if God cannot stop evil then he is not all-powerful (omnipotent).
- He then argued that if God can prevent evil but does not, then God is not good.
- He linked these two points together, claiming that if God is all-powerful and good, then evil would not exist.
- Finally, human experience is that evil does exist.
- Therefore Epicurus concluded that God must not exist.

Analysis of Job

- Job's faith is tested through his suffering on many occasions, but still he keeps his faith in God and in the end is rewarded.
- God presents Job with impossible questions to show him that God's ways are beyond human understanding.
- Despite others telling him to stray from his faith, Job stayed faithful to God and trusted God.

Nature vs Nurture

Are people born evil or do they become evil?

 The nature versus nurture debate involves the extent to which aspects of behavior are a product of either inherited (i.e., genetic) or acquired (i.e., learned) influences.









- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on page 45-46 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	Due	Task:
Homework 1 Completed?		 Look, Cover, Write, Check Terms 1-3 Give two examples of a moral evil. What is the message of the Story of Job? What is the Eightfold Path? How do you think the Eightfold path will influence Buddhists?
Homework 2 Completed?		 Look, Cover, Write, Check Terms 4 – 6 Explain how the inconsistent triad works. Draw a diagram to explain the inconsistent triad. How do Buddhists respond to the existence of suffering? Who tried to influence Job?
Homework 3 Completed?		 Look, Cover, Write, Check Terms 7-8 Give two examples of a natural evil? How did Epicurus respond to the Inconsistent Triad? Draw an example of a moral evil and a natural evil What id moral evil?





Past holidays 8.8 French Vocab list



les participes passés irréguliers?	Irregular past participles
Faire → fait	To do → did
Prendre → pris	To take → took
Boire → bu	To drink → drank
Voir → vu	To see → saw
Lire → lu	To read → read
Vouloir → voulu	To want → wanted
Dire → dit	To say → said
Devenir → devenu	То
	become → became
Avoir → eu	To have → had
Écrire → écrit	To write → wrote

Les opinions	Opinions
C'était	It was
Génial	Great
Fantastique	Fantastic
Intéressant	Interesting
Touchant	Moving
	(emotionally)
Inoubliable	Unforgetable
Incroyable	Incredible
Trop court	Too short
Ennuyeux/barbant	Boring
Trop long	Trop long
Passionnant	Exciting
Émouvant	Emotional

Quand?	When?
Aujourd'hui	Today
Normalement	Normally
D'habitude	Usually
Parfois/quelquefois	Sometimes
Pendant la pause/	During breaktime/the
le trajet	journey
Le weekend	On the weekend
Après le collège	After school
deux fois par	Twice a week
semaine	
souvent	Often
Toujours	Always
Rarement	Rarely
De temps en temps	From time to time
Le lundi	On Monday
Hier	Yesterday
Récemment	Recently
Le week-end	Last weekend
dernier	
La semaine dernière	Last week
L'année dernière	Last year
Il y a un mois	A month ago
Demain	Tomorrow
Bientôt	Soon
A l'avenir	In the future
Le weekend	Next weekend
prochain	
La semaine	Next week
prochaine	
L'année prochaine	Next year
Dans un mois	In a month

times found for		
Qu'est-ce que tu fais	What do you do	
normalement?	normally?	
Se reposer (je me repose)	To relax	
🖈 Se relaxer (je me relaxe)	To relax	
្លឹង S'amuser (je m'amuse)	To have fun	
Se baigner (je me baigne)	To bathe	
S'habiller (je m'habille)	To get dressed	
🛱 Se lever (je me lève)	To get up	
ੂੰ Se laver (je me lave)	To wash	
Se réveiller (je me réveille)	To wake up	
S'entendre avec (je m'entends	To get on with	
avec)		
Se brosser les dents/ les	To brush teeth/hair	
cheveux (je me brosse)		
🗊 Se doucher (je me douche)	To shower	
Se maquiller (je me maquille)	To put on make-up	
•		

	Quel temps faisait-il?	What was the weather like?
.0	Il faisait beau	It was good weather
1	Il faisait chaud	It was hot
₩_	Il faisait froid	It was cold
ľ	Il faisait 25 degrés	It was 25 degrees
<u> </u>	Il faisait mauvais	It as bad weather
	Il pleuvait	It was raining
	Il neigeait	It was snowing
	Il y avait du vent	lt was windy
	Il y avait des nuages	lt was cloudy
	Il y avait des orages	It was stormy
P	Il y avait du	It was foggy
***	brouillard	
***	Il y avait du soleil	lt was sunny



Past holidays 8.8- Reflexive verbs, the perfect tense (past tense)

A **verb** is a doing, being or having word. e.g. to speak, to eat, to be. **Reflexive verbs** in French are verbs which usually mean an action done to yourself (e.g. straighten your hair, brush your teeth, etc.). Many are regular -er verbs and they need an extra **reflexive**

pronoun. Subject pronouns	Reflexive pronoun
je (I)	me
tu (you)	te
il (he), elle (she), on (we)	se
nous (we)	nous
vous (you) (pl)	vous
ils/elles (they)	se

The perfect tense:

You can talk about the past by using the **perfect** tense (*le passé composé*). The perfect tense has 3 parts:

- 1. The subject pronoun (eg. Je,nous)
- 2. The auxiliary (avoir or être)
- 3. The past participle

To form the past participle, take off the infinitive endings (-er, -ir or -re) and add the following endings instead:

- -ER verbs > é
- -IR verbs> i
- -RE verbs > u

Examples:

J'<u>ai</u> achet<u>é</u> des baskets au centre commercial. I <u>have</u> <u>bought</u> trainers at the shopping mall.

Hier il <u>a</u> jou<u>é</u> au foot dans le parc. *Yesterday he play<u>ed</u> football in the park.* Je <u>suis</u> all<u>é</u> en ville hier? *I went* to town yesterday?

The 2 auxiliary verbs are AVOIR or ÊTRE.

- · Use AVOIR with most verbs.
- Use ÊTRE with <u>reflexive verbs</u> and DR. MRS VANDERTRAMP verbs. [Devenir (to become), Revenir (to come back), Monter (to go up), Retourner (to return), Sortir (to go out), Venir (to come), Aller (to go), Naître (to be born), Descendre (to go down), Entrer (to enter), Rentrer (to go home/to return), Tomber (to fall), Rester (to remain), Arriver (to arrive), Mourir (to die), Partir (to leave).]

Examples:

Se lisser les cheveux - to straighten one's hair

Je <u>me</u> lisse les cheveux > I straighten my hair

Se brosser les dents - to brush one's teeth

On <u>se</u> brosse les dents > we brush our teeth

Se doucher - to shower

Tu <u>te</u> douches le matin ou le soir? Do you shower in the morning or in the evening?

AVOIR	ÊTRE
J'ai	Je suis
Tu as	Tu es
II /elle a	II /elle est
Nous avons	Nous sommes
Vous avez	Vous êtes
Ils /elles ont	Ils /elles sont

Remember!

When using être to form the perfect tense your past participle must agree with the subject pronoun.

Add –e if feminine e.g. elle est allé**e**

Add –s if plural e.g. ils sont allés

Add –es if feminine plural eg. elles sont allées





- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on page 48-49 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	Due المالة	Task:
Homework 1 Completed?		 Follow the 'look, cover, write, repeat' method with the following verbs Je suis allé(e), nous sommes allé(e)s, je suis arrivé(e), nous sommes arrivé(e)s Translate these sentences into English Je suis allé en France B. Nous sommes allés en Italie C. J'ai voyagé en train D. Je suis allés avec mes cousins Spot the mistakes in this sentence J'ai allé en Canada Choose the correct word for the following places. à en au aux



	1. Follow the 'look, cover, write, repeat' method with the following adjectives
	Fantastique, ennuyeux, génial, passionnant, touchant
	2. Translate these phrases :
	C'était fantastique, c'était génial, c'était touchant
	3. Draw a weather symbol for each of these
Homework 2	Il y avait du soleil, il y avait du vent, il y avait des orages, il y avait du brouillard, il neigeait
	4. Translate these sentences
	1. Je suis allé en Espagne il y avait du soleil
Completed?	B. Nous sommes allés en Italie il neigeait
Completes	C. Je suis allé en Suisse il faisait froid
	5. Write a sentence to describe where you went and what the weather was like –
	draw symbols to illustrate your sentence.
	A. Follow the 'look, cover, write, repeat' method with the following time phrases
	Normalement, d'habitude, rarement, souvent, toujours
	2. Translate these phrases :
	Normalement je vais en France, d'habitude nous allons au Portugal, souvent je vais
	en vacances
	3. Use 2 more time phrases to make up a couple of sentences about going on holiday.
Homework 2	4. Spot the mistakes
	A. Je suis aller en France
	B. Nous avons allé
Completed?	C. Elle est allé en Italie
	5. Write a few sentences describing your holiday from last year. Can be real
	or imaginary. Think about all the things you need to remember when using the perfect tense (!)
	L'année dernière
	21



8.8 Past holidays SPANISH

	Las opiniones	Opinions
©	Fue genial	It was great
©	Fue fantástico	It was fantastic
	Fue interesante	It was interesting
A	Fue emocionante	It was exciting
(***)	Fue inolvidable	It was unforgettable
(3)	Fue increíble	It was incredible
X	Fue demasiado corto	It was too long
X	Fue demasiado largo	It was too short

	¿Qué tiempo hacía?	What was the weather like?
	Hacía buen tiempo	It was nice weather
ς,	Hacía mal tiempo	It was bad weather
Ö	Hacía sol	It was sunny
I *	Hacía calor	It was hot
· ※	Hacía frío	It was cold
.,,,	Hacía viento	It was windy
رژر رژر	Llovía	It was raining

				cotidiar
	¿Qué hiciste durante las	What did you do	† †	La gente
_	vacaciones?	on holidays?	ŤŤ	Los hab
2	Fui a la playa	I went to the beach	\bigcirc))	Hablar
#1	fui al restaurante	I went to the restaurant	₩	Vivir
	fui de compras	I went shopping	△	Celebra
9	Me quedé	I stayed		Prepara
	Comí	I ate	÷≱	Ir a trab
\$	Bebí	I drank	*	Ir al inst
•	Vi	l saw	₩	Volver a
"1	Probé	I tried (food)		Ver la te
 C	Hice deportes acuáticos	I did watersports	11	Cenar
عم	Descansé	I rested	Ö	Bañarse
©	Me relajé	I relaxed		Duchars
	Me divertí	I had fun		uando?
© •	Visité monumentos	I visited	Aye	er
皿		monuments	La	semana
Ø	Di paseos	I went walking	El f	in de ser
	Saqué fotos	I took photos	pas	sado
€	Compré recuerdos	I bought souvenirs	El r	nes pasa
Ö	Tomé el sol	I sunbathed	Ela	año pasa
7771			На	ce dos di

	La vida	Daily life
	cotidiana	
ŤŤ	La gente	People
ŤŤ	Los habitantes	Inhabitants
\bigcirc)	Hablar	To speak
公	Vivir	To live
	Celebrar	To celebrate
	Preparar	To prepare
¦≱∥	Ir a trabajo	To go to work
	Ir al instituto	To go to school
	Volver a casa	To go back home
	Ver la tele	To watch TV
" {	Cenar	To have dinner
٥	Bañarse	To have a bath
	Ducharse	To have a shower

La semana pasada

El fin de semana

El mes pasado

El año pasado

Hace dos días

El otro día

When?

Yesterday

Last week

Last weekend

Last month

Two days ago

The other day

Last year



Past tense holidays 8.8 Spanish Knowledge Organiser

A **verb** is a doing, being or having word. e.g. to speak, to eat, to be. **Reflexive verbs** in Spanish are verbs which usually mean an action done to yourself (e.g. wash yourself, shower etc.). Many are regular -ar verbs and they need an extra **reflexive pronoun**. We know a Spanish verb is reflexive because it will have «se » on the end of its infinitive eg. lavarse (to wash) and levantarse (to get yourself up).

Subject pronouns	Reflexive pronouns
yo (I)	me
tú (you)	te
él (he), ella (she)	se
nosotros/as (we)	nos
vosotros/as (you) (pl)	os
ellos/ellas (they)	se

Examples:

lavarse - to wash
me lavo > I wash

levantarse— to get up

nos levantamos > we get up

Ducharse- to shower

<u>Te</u> duchas > you shower

Reflexive verbs, the preterite (past tense)

The **preterite** is the past tense used in Spanish to describe a completed action at a specific time in the past (e.g. ayer (yesterday), el año pasado (last year)). For regular we take off –ar, -er – ir and add the below endings:

	-AR	-ER / -IR
I	é	í
You (sg)	aste	iste
He/she/it	ó	ió
We	amos	imos
You (pl)	asteis	isteis
They	aron	ieron

Examples:

Tomar = to take
To form " I took"

Hablar = to speak To form "she spoke"





Careful! Not all verbs are regular in the preterite. Some key irregulars are :

Hacer	hice, hiciste, hizo, hicimos,
(to do)	hicisteis, hicieron
Ir	fui, fuiste, fue, fuimos,
(to go)	fuisteis, fueron
Ser	fui, fuiste, fue, fuimos,
(to be)	fuisteis, fueron
\ /	raisesis/ rasion
Tener	tuve, tuviste, tuvo, tuvimos,
	·



Spanish Knowledge Questions



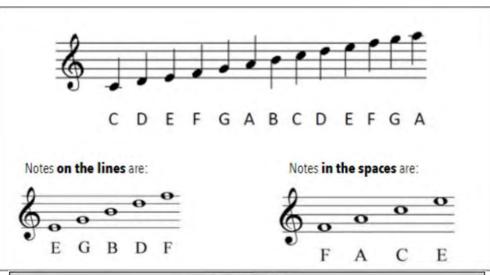
- 1. For each homework, you will be asked to look at a particular section of your Knowledge Organiser, use the knowledge organiser on pages 52-53 to help you answer the questions using full sentences.
- 2. Each task should take 20 minutes, Set a timer and stop when the time runs out.

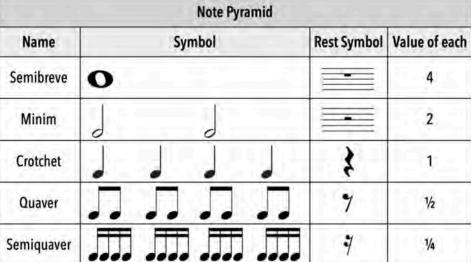
Homework	Due	Task:
Homework 1 Completed?		 1.Follow the 'look, cover, write, repeat' method with the following past tense phrases Fui a la playa, fui al restaurante, fui de compras, descansé, visité monumentos 2. Draw symbols to represent each of the past tense actions in question 1 3. Translate these sentences into English. A. Fui al cine B. Fuimos a la playa C. Descansé con mis amigos 4. Write 2 sentences about what you ate and drank today – using past tense. 5. Draw pictures and label your breakfast or lunch
Homework 2 Completed?		1.Follow the 'look, cover, write, repeat' method with the following past tense weather phrases hacía buen tiempo, hacía mal tiempo, hacía sol, hacía calor, hacía frio 2. Draw symbols to represent each weather phrases in question 1 3. Write 2 sentences using the weather phrases and combining with an action. e.g. hacía sol y fui a la playa 4. Translate the following phrases A. Visité monumentos B. Escuché música C. Tomé el sol D. Fui al museo E. Descansé con mis amigos 5. Write a diary entry about what you did on a recent holiday – use the vocab sheet to help you

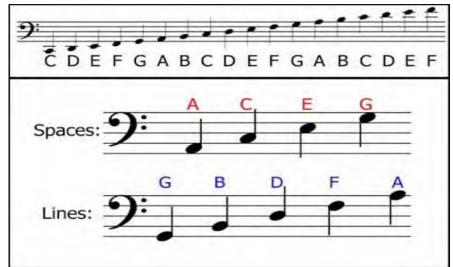


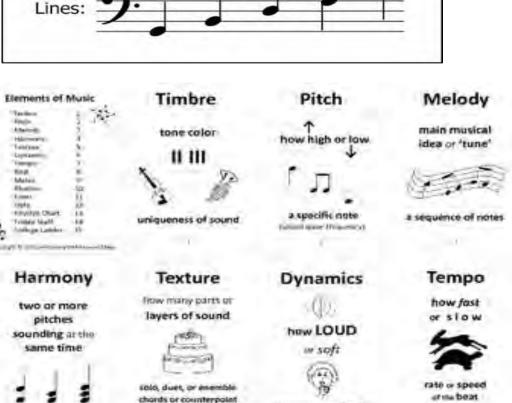
	4 Falls the light of the Call
	1. Follow the 'look, cover, write, repeat' method with the following past tense reasons.
	fue genial, fue fantástico, fue increíble, fue inolvidable, fue emocionante
	2. Practise reading the reasons in question 1 aloud.
	3. Write 3 sentences using the past tense and describing them using the reasons.
	e.g. fui al cine fue genial
	4. Translate the following sentences
Homework 3	La semana pasada fui a la playa con mi familia
	Hace dos días fui al mercado con mi hermana fue interesante
	El otro día fui al cine con mis amigos fue genial
Completed?	5 Write 2 sentences about what you did recently using time phrase, activity and reason.
β	











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- For each homework, you will be asked to look at a particular section of your Knowledge Organiser on page 56, to help you answer the questions using full sentences.
- Each task should take 20 minutes, Set a timer and stop when the time runs out.

Homework	Due سام	Task:
		1 means the highness or lowness of the sound.
		2 means the fastness or slowness of the music.
Homework 1		3 means the loudness or softness of the music.
		4 means the length of each sound.
Completed?		5. If all the instruments are playing at once then theis thick. If only one instrument
		is playing then it is thin.
		1. How do you remember the notes on the lines of the stave? Write out your own sentence beginning
Homework 2		with these letters that represent the lines: E G B D F
Completed?		2. How do you remember the notes in the spaces of the stave?
		3. What does a sharp (#) do?
		4. What does a flat (b) do?
Homework 3 Completed?		2.