



# Gloucester Academy Unit 2 Class of 2025

# Knowledge Organiser

Knowledge is power. Information is liberating.

# Logins:

School email	M Gmail
Username:	@gloucesteracademy.co.uk
Password:	
School computer	
Username:	
Password:	
sparx.co.uk	
-	sparx
Username:	
Password:	

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### **Homework Guidance:**

Knowledge Organiser homework is based on self-quizzing. It is expected that you complete one page of self-quizzing, every day. This should take around 30 minutes. You should not leave blank lines on the page, including in between pieces of information (if you are self-quizzing diagrams, you can use more than one line to copy the diagram into your practice book). The information you self-quiz should be numbered in your practice book with the same numbers used on the Subject Knowledge Organiser. Tutors will check your practice book. They will be looking for a full page of self-quizzing on the correct numbers of the Subject Knowledge Organiser, as well as for purple pen ticks/corrections and good presentation (including your H/W, Title and Date underlined with a ruler). Your writing needs to be neat and legible. If we feel that any of these elements are not up to standard, you will be issued with a one hour, same day, detention.

A demonstrational video can be found here: <a href="https://www.gloucesteracademy.com/students/homework-and-revision-guidance/knowledge-organisers">https://www.gloucesteracademy.com/students/homework-and-revision-guidance/knowledge-organisers</a>

# These are the steps you should follow to complete effective self-quizzing:

# look repeatedly say aloud cover write check

- **I. Identify** the Subject Knowledge Organiser segment for the day you are on. This is on your homework timetable.
- 2. **Open up your practice book** and on the top line, write 'H/W' in the margin. On the other side of the margin line, write the Title (the subject you are completing) the Week (which week you are completing). Write the Date on the right hand side. Underline everything with a ruler.
- 3. Place your Subject Knowledge Organiser segment in front of you. Start with the first numbered piece of information within the weekly segment. Read and memorise the piece of information we recommend saying it aloud. Repeat this process several times, until you are confident enough to use your practice book to write the knowledge point down.
- 4. **Close your Subject Knowledge Organiser** or cover up the piece of information, and try to recall the knowledge. On the line directly beneath your H/W, Title and Date, write the correct number from the Subject Knowledge Organiser and the piece of information from memory. There are to be no blank lines in your practice book.
- 5. **Check it and correct any mistakes**. Open up your Subject Knowledge Organiser and look at the piece of information using a purple pen tick the piece of information in your practice book if you have recalled it correctly (word for word, correctly spelled). If you have incorrectly recalled or missed any part of the information, use your purple pen to put a cross next to that knowledge point.
- 6. If you recalled the piece of information incorrectly, go back to step 3 and in purple pen, repeat the process again for the same piece of information (remember to cover up previous attempts in your practice book as well as the piece of information in your Subject Knowledge Organiser). When you have recalled the information correctly (word for word), tick the attempt and move on to the next piece of information within the weekly segment. You may find that you need to complete a few purple pen attempts before you recall the knowledge point word for word.
- 7. **Repeat the steps above** until you have recalled and written down all pieces of information within the weekly segment. If this has not filled one full page of your practice book, go back to the first piece of information within the weekly segment and repeat the process again, until you have filled an entire page.

Example page

H/W	Science Week 3 21 September 2020 A cell. This is the simplest unit of a living organism.
1.	A cell. This is the simplest unit of a living
	promism.
2.	Cell membrane. This is a pt partaly premanble
	Cell membrane. This is a pt partaly premanble barrier and controls what goes in and out of the cell. X
	cell. X
2.	Cell membrane. This is a partially permeable barrier and controls what goes is and out of the cell.
	barrier and controls what opes it and out of
	the cell.
3.	Cytoplasm. This is a jelly-like Substance in cells where chemical reachors occur.
	where chemical reachors occur.
4.	Aucleus. This contains DNA and controls the
Œ	Cell.
Э.	Mitocondion. A sub-cellular structure where
C	respiration takes place to make energy. X
5	Mitochondron. A sub-cellular shribre where
6	Tespiration takes place to make energy. V Mypothesis. On idea that explains how or why something happens.
V.	Some Ming has eens.
7	Prediction. A Statement Sugarshing what you
	Prediction. A Statement Suggesting what you think mill happen in an experiment / investigation
8.	Conhal variable. The variable that must be kept
	constant so that it doesn't affect the outcome
	of the investigation. (variable = something that can
	change in an experiment).
9.	Independent variable. The variable that is
	changed in an experiment / investigation. (Variable=
	Dependent variable. The variable that is
10	. Dependent variable. The variable that is
	scorded and measured for each change of the
	inde pen dent variable. (Variable = sorething that
10	Con change in an experiment) X
10	Dependent variable. The variable that is measured

# **Homework Timetable:**

You are expected to complete at least 30 minutes of homework in your practice book every day.

You are expected to complete Sparx Maths homework which we recommend you split into three sessions, per week. Each of these are expected to take up to 30 minutes. We also encourage you to continue to read independently as part of the Reading Challenge.

	Monday	Tuesday	Wednesday	Thursday	Friday	Weekend
Knowledge Organiser	Science	MFL	English	History &	Geography	Food/Art/
in your practice book				Maths		Drama/Music/
30 minutes						R.E
Online session	Hegarty	Word	Hegarty	Word	Hegarty	Word
30 minutes	Maths	Challenge	Maths	Challenge	Maths	Challenge
Reading challenge	<b>✓</b>	V	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>

# **Self-tracker:**

Week	Homework	Monday	Tuesday	Wednesday	Thursday	Friday	Weekend
	ко						
w/c 13/12/21	Online						
W/C 13/12/21	Read						
	КО						
2	Online						
w/c 03/01/22	Read						
3	КО						
w/c 10/01/22	Online						
W/C 10/01/22	Read						
_	ко						
<b>4</b> w/c 17/01/22	Online						
W/C 17/01/22	Read						
_	КО						
<b>5</b> w/c 24/01/22	Online						
W/C 24/01/22	Read						
6	KO						
w/c 31/01/22	Online						
W/C 31/01/22	Read						
7	KO						
w/c 07/02/22	Online						
W/C 0//02/22	Read						
8	KO						
w/c 14/02/22	Online						
W/C 14/02/22	Read						
<b>9</b> w/c 28/02/22	KO						
	Online						
	Read						
w/c 07/03/22	KO						
	Online						
	Read						

# **Maths Homework - Hegarty Maths**

You will get three <a href="hegartymaths.com">hegartymaths.com</a> tasks to complete per week. One on Monday, Wednesday, and Friday. You will have one week to complete each assigned task.

We expect you to complete each task by:

- Watching the video and taking detailed notes in the HegartyMaths homework section of your planner
- Completing the quiz that follows the video showing full workings in the HegartyMaths homework section of your planner

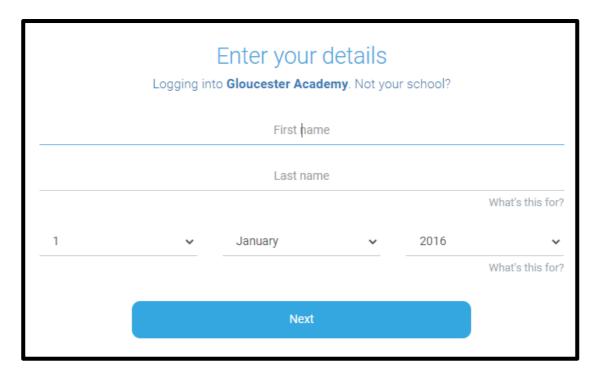
During the quiz if you click the "Get Help" button it takes you to the relevant example in the video. If you want more support there will be lunch time clubs running during the week.

Fix up 5 – If you have completed all your tasks and want to do extra work, click on "Revise" then click "Fix up 5". Here you will get five questions based on what you have got incorrect in the past.

For more information and guidance please go to: <a href="https://www.gloucesteracademy.com/students/homework-and-revision-guidance/hegarty-maths">https://www.gloucesteracademy.com/students/homework-and-revision-guidance/hegarty-maths</a>

# How to login

Type in Gloucester Academy, or use the school's postcode GL4 6RN, where it says school name. Enter your name and date of birth. When you log in for the first time you will be asked to create a password, make sure you write this down in the Login Details page at the front of this booklet.



# **Word Challenge**

The word challenge is about increasing the number of words you know, use and spell correctly. This will help in all areas of your life:

- · Expressing yourself clearly and accurately
- Passing those important GCSEs with the top grades
- Understanding more of what you read
- Giving you an advantage in interviews

• Climbing your own personal mountain to the best university or profession

### You will need to learn 10 words, spellings and definitions each week.

On a Monday in DEAR time, you and every student across the academy will take part in the same test. Every week, you will be shown 10 definitions. You will need to write the word each definition refers to correctly. There will be rewards for top achievers in each year and across the academy. This is an inter-year competition too.

In order to help you learn the words, we suggest the following strategies:

## Create word games or rhymes to help with tricky bits:

For example:

- With weird, people often get the i and e confused. Help by saying **we** are **we**ird, so you remember that **we** is the first part of the word.
- Similarly, to help remember the i/e order in Friend, try FRI day is at the END of the week ... Friend
- For the double s in dessert: desserts are both sweet and sugary.
- There is SIN in bu**sin**ess and a RAT in sepa**rat**e.

# Try breaking down polysyllabic words to make each syllable\_easier to remember. So, for two-syllable words...

Danger Dan / ger Windmill Wind / mill

And for three-syllable words...

Relation Re / la / tion Beautiful Beau / ti / ful

# Look, Cover, Write, check

Look at the word...

Say the word aloud several times ...

Cover the word...

Write the word...

And finally check it.

### Make it an acrostic

Sometimes, visualising a difficult word in a different way can suddenly make it stick. Create a phrase from each letter of a word and turn it into an acrostic, which can be easier to remember than the word itself. Because: Big Elephants Can Always Understand Small Elephants

Ocean: Only Cats' Eyes Are Narrow

Rhythm: Rhythm Helps Your Two Hips Move

# Necessary: Never Eat Chips Eat Salad Sandwiches And Raspberry Yoghurt

### **Word Lists**

Learn w/c 13/12/21	Word	Definition
1	aggregate	an amount / total formed from separate units
2	aid	services provided for people in need
3	albeit	even though

4	allocate	to assign to someone/ for a particular purpose
5	alter	to make or become different/change
6	alternative	choice between two or more things
7	ambiguous	having more than one possible interpretation
8	amend	to make changes to something in order to improve it
9	analogy	similarity/a comparison to show such a similarity
10	analyse	to examine something in detail

Learn w/c 03/01/22	Word	Definition
11	aware	knowing about/informed
12	bias	mental tendency especially prejudice/diagonal cut across weave of fabric
13	code	system of letters, symbols information communicated secretly/set of principles or rules
14	coherent	logical and consistent/capable of intelligible speech
15	coincide	happen at the same time
16	collapse	fall down/cave in suddenly
17	colleague	fellow worker
18	commence	to begin
19	comment	a remark,criticism, or observation
20	commission	order for a piece of work/a duty given to perform

Learn w/c 10/01/22	Word	Definition
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21	contribute	to give for a common purpose or fund/to supply
22	controversy	argument or debate with strong disagreement
23	convene	gather or summon for a meeting
24	converse	reversed /opposite
25	convert	change/adapt/to cause to change in opinion or belief
26	convince	to persuade by argument or evidence
27	cooperate	to work or act together
28	coordinate	to bring together
29	core	central part of something
30	corporate	relating to a large company or group

Learn w/c 17/01/22	Word	Definition		
31	discrete	to avoid embarrassment dealing with private matters		
32	discriminate	to make a distinction against / in favour of a particular person or group		
33	displace	to move from its usual place		
34	display	to show		
35	dispose	to throw away/to give,sell or transfer to another		
36	distinct	not the same, different/clearly seen,heard or recognized		
37	distort	to alter /to twist out of shape		
38	distribute	to hand out/deliver		
39	diverse	having variety		
40	expand	o become greater/spread out		

Learn w/c 24/01/22	Word	Definition
41	expert	skilful/knowledgeable
42	explicit	precisely and clearly expressed

43	exploit	to take advantage/make the best use of
44	export	sale of goods and services to a foreign country
45	expose	to uncover/reveal the truth
46	external	of, on, for or coming from the outside
47	extract	to pull out/remove/derive information
48	facilitate	to make easier the progress of
49	ignorant	lacking in knowledge or education
50	illustrate	explain using examples/provide pictures

Learn w/c 31/01/22	Word	Definition
51	image	mental picture produced by imagination or memory/optical reproduction of an object
52	immigrate	come to live in a foreign country
53	impact	effect made by something/act of one object striking another
54	implement	to carry out instructions
55	implicate	to show/to be involved
56	implicit	expressed indirectly/absolute and unquestioning
57	imply	to indicate or suggest without being explicitly stated/to signify or mean
58	journal	newspaper or magazine/daily record of events
59	justify	prove something to be just or valid
60	label	a piece of card or other material attached to an object to show its contents/description

Learn w/c 07/02/22	Word	Definition
61	labour	work, especially physical work
62	layer	single thickness, cover, coating on a surface
63	lecture	talk on a subject/tell someone off at length
64	legal	permitted by law
65	legislate	make or pass laws
66	levy	impose and collect tax, tariff or fine
67	liberal	social and political views favouring progress and reform
68	licence	document giving permission to do,use or own something
69	likewise	in addition/similarly
70	link	one of the rings in a chain/ connection between people, things or ideas

Learn w/c 14/02/22	Word	Definition
71	locate	discover the whereabouts of
72	logic	reasoned thought
73	maintain	continue/keep in existence
74	panel	group of people with advice, decisions, opinions
75	paradigm	a model or example
76		section of writing
77	parallel	separated at an equal distance at every point

78	parameter	a fixed limit that establishes how something should be done
79	participate	to become actively involved in
80	partner	a person or organisation you are closely involved in some way

Learn w/c 28/02/22	Word	Definition
81	passive	not taking an active part
82	perceive	to become aware of something
83	percent	one part of every hundred
84	period	portion of time
85	persist	to continue without interruption
86	relax	to make or become less tense
87	release	to free from captivity
88	relevant	connected with what is happening or being discussed
89	reluctance	an unwillingness to do something
90	rely	to depend on or trust someone or something

Learn w/c 07/03/22	Word	Definition
91	remove	to take away
92	require	to need

93	research	establish facts/collect information on a subject
94	reside	to live in a place
95	resolve	strong determination/ to solve a problem
96	resource	something that can be used to help you / useful, valuable possession
97	respond	to state something in reply
98	restore	to return something to its former condition
99	restrain	to hold back from action/ to limit
100	restrict	to confine, keep within certain limits

# Science Knowledge Organiser - Mondays

Week 1 13/12/21	Piece of Information	Answer
1	Atoms	The smallest particle that exists.
2	Protons, neutrons, electrons	The three subatomic particles in an atom.
3	Electrons	The subatomic particle with a negative charge.
4	Protons	The subatomic particle with a positive charge.
5	Neutrons	The subatomic particle that has no charge (neutral).
6	Nucleus	Where the protons and neutrons are found in the centre of the atom
7	Electrons shells	The electrons orbit around these in atoms.
8	Atomic number	The total number of protons and electrons in an atom.
9	Atomic mass	The total number of neutrons and protons in an atom.
10	Lithium	The least reactive metal in Group 1

Week 2 03/01/22	Piece of Information	Answer
1	Group number	Tells us how many electrons are in the outer shell.
2	Period number	Tells us how many electrons shells there are.
3	Independent variable	A factor that we change.
4	Dependent variable	A factor that we measure.
5	Control variable	A factor that we keep the same.
6	Anomalous result	Does not fit the pattern so excluded when calculating the mean.
7	Mendeleev	A russian chemist who ordered the periodic table we use today, ordered by atomic mass.
8	Group 0	Noble gases with a full outer shell so they are unreactive.
_	Group 1	Alkali metals with one electron in the outer shell which are very reactive.
10	Group 7	Halogens are poisonous coloured gases with 7 electrons in the outer shell and they are very reactive.

Week 3		
10/01/22	Piece of Information	Answer
1	Communicable disease	A disease caused by pathogens that can be transmitted between organisms (plants and animals).
2	Non-communicable disease	A disease which cannot be transmitted between organisms (plant and animal).
3	Epidemiology	The scientific study of data and trends in health related data.
4	Pathogens	Bacteria, fungi, viruses and protists.
5	Aseptic technique	Procedures to prevent contamination of pathogens
6		
7	Atoms	The smallest particle that exists.
8	Protons, neutrons, electrons	The three subatomic particles in an atom.
9	Electrons	The subatomic particle with a negative charge.
10	Protons	The subatomic particle with a positive charge.
	Neutrons	The subatomic particle that has no charge (neutral).

Week 4 17/01/22	Piece of Information	Answer
1	Phagocytes	A white blood cell capable of engulfing then absorbing pathogens.
2	Lymphocytes	A white blood cell which produces antibodies in response to antigens on pathogens.
3	Immune response	Triggered when pathogens get past our first line of defence to defend against the disease.
4	First Line of Defence	Skin, nose hairs, mucus, stomach acid and tears are examples.
5	Vaccination	A healthy person is given a dead or inactive pathogen to develop immunity to a disease.
6	Nucleus	Where the protons and neutrons are found in the centre of the atom
7	Electrons shells	The electrons orbit around these in atoms.
8	Atomic number	The total number of protons and electrons in an atom.
9	Atomic mass	The total number of neutrons and protons in an atom.
10	Lithium	The least reactive metal in Group 1

Week 5 24/01/22	Piece of Information	Answer
1	Antibiotics	Substances that stop the growth of bacteria.
2	Antibiotic Resistant Bacteria	Bacteria which cannot be killed by antibiotics.
3	Ionic bonding	Occurs between a positive metal ion and a negative nonmetal ion.
4	Covalent bond	Forms when two atoms share pairs of electrons.
5	Electrostatic Attraction	The force between oppositely charged ions.
6	Group number	Tells us how many electrons are in the outer shell.
7	Period number	Tells us how many electrons shells there are.
8	Independent variable	A factor that we change.
9	Dependent variable	A factor that we measure.
10	Control variable	A factor that we keep the same.

Week 6 31/01/22	Piece of Information	Answer
1	Metallic Bond	Positive ions in a regular arrangement surrounded by a sea of delocalised electrons.
2	Atomic number	The number of protons in an atom (protons=electrons)
3	Atomic Mass	Total number of neutrons and protons in an atom.
4	Physical Properties	Features of a substance that can be observed without changing the substance itself.
5	Chemical Properties	Features of the way a substance reacts with other substances.
6	Anomalous result	Does not fit the pattern so excluded when calculating the mean.
7	Mendeleev	A russian chemist who ordered the periodic table we use today, ordered by atomic mass.
8	Group 0	Noble gases with a full outer shell so they are unreactive.
9	Group 1	Alkali metals with one electron in the outer shell which are very reactive.
10	Group 7	Halogens are poisonous coloured gases with 7 electrons in the outer shell and they are very reactive.

Week 7		
07/02/22	Piece of Information	Answer

1	Potential difference	Energy per unit of charge (V, volts).
2	Resistance	Impedes current ( $\Omega$ , ohms)
3	Current	Flow of charge (A, Amps)
4	Electrical conductor	Has low resistance so charge can flow.
5	Electrical insulator	Has high resistance so restricts the flow of charge.
6	Communicable disease	A disease caused by pathogens that can be transmitted between organisms (plants and animals).
7	Non-communicable disease	A disease which cannot be transmitted between organisms (plant and animal).
8	Epidemiology	The scientific study of data and trends in health related data.
9	Pathogens	Bacteria, fungi, viruses and protists.
10	Aseptic technique	Procedures to prevent contamination of pathogens

Week 8		
14/02/22	Piece of Information	Answer
1	In series	A closed circuit where the current follows one path.
2	In parallel	A closed circuit where the current divides into 2 or more paths before recombining to complete the circuit.
3	Kirchoff's current law	The current flowing into a junction is equal to the current flowing out of it.
4	Kirchoff's voltage law	The sum of all voltages flowing around a circuit equals zero.
5	Electricity	The flow of charge
6	Phagocytes	A white blood cell capable of engulfing then absorbing pathogens.
7	Lymphocytes	A white blood cell which produces antibodies in response to antigens on pathogens.
8	Immune response	Triggered when pathogens get past our first line of defence to defend against the disease.
9	First Line of Defence	Skin, nose hairs, mucus, stomach acid and tears are examples.
10	Vaccination	A healthy person is given a dead or inactive pathogen to develop immunity to a disease.

Week 9	D'a constitute constitue	A
28/02/22	Piece of Information	Answer
1	Antibiotics	Substances that stop the growth of bacteria.
2	Antibiotic Resistant Bacteria	Bacteria which cannot be killed by antibiotics.
3	Ionic bonding	Occurs between a positive metal ion and a negative nonmetal ion.
4	Covalent bond	Forms when two atoms share pairs of electrons.
5	Electrostatic Attraction	The force between oppositely charged ions.
6	Metallic Bond	Positive ions in a regular arrangement surrounded by a sea of delocalised electrons.
7	Atomic number	The number of protons in an atom (protons=electrons)
_	Atomic Mass	Total number of neutrons and protons in an atom.
9	Physical Properties	Features of a substance that can be observed without changing the substance itself.
10	Chemical Properties	Features of the way a substance reacts with other substances.

Week 10		Answer
07/03/22	Piece of Information	

1	Potential difference	Energy per unit of charge (V, volts).
2	Resistance	Impedes current (Ω, ohms)
3	Current	Flow of charge (A, Amps)
4	Electrical conductor	Has low resistance so charge can flow.
5	Electrical insulator	Has high resistance so restricts the flow of charge.
6	In series	A closed circuit where the current follows one path.
7	In parallel	A closed circuit where the current divides into 2 or more paths before recombining to complete the circuit.
8	Kirchoff's current law	The current flowing into a junction is equal to the current flowing out of it.
9	Kirchoff's voltage law	The sum of all voltages flowing around a circuit equals zero.
10	Electricity	The flow of charge

# **Spanish Knowledge Organiser - Tuesdays**

Week 1	D: (1 ( )	
14/12/21	Piece of Information	Answer
1	generalmente voy de vacaciones	usually <b>I go</b> on holiday
2	a París en Francia	to Paris in France
3	con mi familia	with my family
4	viajamos en coche porque	we travel by car because
5	no <b>está</b> lejos	it's <u>not</u> far
6	y <b>tengo</b> miedo de <b>volar</b>	and I have a fear of flying
7	nos alojamos en	we stay in
8	un hotel de cinco estrellas	a five-star hotel
9	que <b>está</b> cerca de la playa	which is (is located) near to the beach
10	todos los días	everyday

Week 2		
04/01/22	Piece of Information	Answer
1	vamos a la costa	we go to the seaside
2	y <b>comemos</b> helados	and we eat ice creams
3	que rico	how delicious
4	pero el <u>año</u> pasado	but last <u>year</u>
5	fui a Italia	I went to Italy
6	con mis amigos del colegio	with my friends from school
7	viajamos en autocar	we travelled by coach
8	el viaje <b>fue</b>	the journey was
	tan largo	so long
10	nos alojamos en un camping	we stayed in a campsite

Week 3 11/01/22	Piece of Information	Answer
	que <b>era</b>	which was
2	muy incómodo pero gracioso	very uncomfortable but funny
3	hicimos piragüismo	we did canoeing/kayaking
4	en un lago	on a lake
_	e <b>hice</b> escalada	and I went (I did) rock climbing
6	usually <b>I go</b> on holiday	generalmente <b>voy</b> de vacaciones
7	to Paris in France	a París en Francia
8	with my family	con mi familia
9	we travel by car because	viajamos en coche porque
10	it's <u>not</u> far	no está lejos

Week 4		
18/01/22	Piece of Information	Answer
1	en las montañas	in the mountains

2	en el futuro	in the future
3	me gustaría ir	I would like to go
4	a los Estados Unidos	to the USA
5	para <b>visitar</b> el Gran Cañón	(in order) to visit the Grand Canyon
6	and I have a fear of flying	y <b>tengo</b> miedo de <b>volar</b>
7	we stay in	nos alojamos en
	a five-star hotel	un hotel de cinco estrellas
9	which <b>is</b> ( <b>is located</b> ) near to the beach	que <b>está</b> cerca de la playa
10	everyday	todos los días

Week 5	Diameter (Information	
25/01/22	Piece of Information	Answer
1	sería increíble	it would be incredible
2	además, <u>siempre</u> <b>he soñado</b> con	furthermore, I have always dreamed of
3	<b>ir</b> a Australia	going to Australia
4	y si <b>fuera</b> rico	and if I were rich
5	viajaría el mundo	I would travel the world
6	we go to the seaside	vamos a la costa
7	and <b>we eat</b> ice creams	y <b>comemos</b> helados
8	how delicious	que rico
9	but last <u>year</u>	pero el <u>año</u> pasado
10	I went to Italy	fui a Italia

Week 6		
01/02/22	Piece of Information	Answer
1	también, si <b>tuviera</b> mucho dinero	also, if <b>I had</b> a lot of money
2	viviría en Sudamérica	I would live in South America
3	porque <b>quiero</b>	because I want
4	practicar mi español	to practise my Spanish
5	y <b>ver</b> los lugares de interés	and to see the sights
6	with my friends from school	con mis amigos del colegio
7	we travelled by coach	viajamos en autocar
8	the journey <b>was</b>	el viaje <b>fue</b>
_	so long	tan largo
10	we stayed in a campsite	nos alojamos en un camping

Week 7 08/02/22	Piece of Information	Answer
	en diciembre, si <b>nieva</b>	in December, if <b>it snows</b>
2	<b>voy a ir</b> a Suiza	I am going to go to Switzerland
3	para <b>hacer</b> esquí	(in order) to (to do) ski
4	con mis primos	with my cousins
5	va a ser genial	it is going to be great

6	which <b>was</b>	que <b>era</b>
7	very uncomfortable but funny	muy incómodo pero gracioso
8	we did canoeing/kayaking	hicimos piragüismo
9	on a lake	en un lago
10	and I went (I did) rock climbing	e hice escalada

Week 8 15/02/22	Piece of Information	Answer
1	pero si <b>hace</b> sol	but if <b>it is</b> sunny
2	quisiera ir a Japón	I would like to go to Japan
3	para <b>conocer</b> <u>gente</u> nueva	(in order) to meet new people
4	y <b>probar</b> la comida	and to try the food
5	sería la bomba	it would be the bomb
6	in the mountains	en las montañas
7	in the future	en el futuro
8	I would like to go	me gustaría ir
_	to the USA	a los Estados Unidos
10	(in order) <b>to visit</b> the Grand Canyon	para <b>visitar</b> el Gran Cañón

Week 9 01/03/22	Piece of Information	Answer
1	it would be incredible	sería increíble
2	furthermore, <b>I have</b> <u>always</u> <b>dreamed</b> of	además, <u>siempre</u> <b>he soñado</b> con
3	going to Australia	ir a Australia
4	and if <b>I were</b> rich	y si <b>fuera</b> rico
5	I would travel the world	viajaría el mundo
6	also, if <b>I had</b> a lot of money	también, si <b>tuviera</b> mucho dinero
7	I would live in South America	viviría en Sudamérica
8	because <b>I want</b>	porque <b>quiero</b>
9	to practise my Spanish	practicar mi español
10	and <b>to see</b> the sights	y <b>ver</b> los lugares de interés

Week 10		
08/03/22	Piece of Information	Answer
1	in December, if <b>it snows</b>	en diciembre, si <b>nieva</b>
2	I am going to go to Switzerland	voy a ir a Suiza
3	(in order) to <b>(to do)</b> ski	para <b>hacer</b> esquí
4	with my cousins	con mis primos
5	it is going to be great	va a ser genial
6	but if <b>it is</b> sunny	pero si <b>hace</b> sol
7	I would like to go to Japan	quisiera ir a Japón
8	(in order) to meet new people	para <b>conocer</b> gente nueva

Ī	g and <b>to try</b> the food	y <b>probar</b> la comida
	10 it would be the bomb	sería la bomba

# English Knowledge Organiser - Wednesdays

Week 1 15/12/21	Piece of Information	Answer
	William	An English poet, playwright and actor, widely regarded as the greatest writer in the English language and the world's greatest dramatist.
2	Hamartia	A fatal flaw in a protagonist's personality, which brings about his tragic downfall in a tragedy.
3	The Interpretation of Dreams	A book by Sigmund Freud, in which he introduces his theory of the subconscious mind and reading messages from dreams.
4	Sigmund Freud (1856-1939)	An Austrian neurologist and the founder of psychoanalysis.
5	The ID	The part of our personality that is present from birth. It is entirely unconscious and includes our instinctive and primitive behaviours.
6	Psychoanalysis	A clinical method for treating mental illness through dialogue between a patient and a psychoanalyst.
7	Subconscious	The part of the mind which one is not fully aware of, but which influences one's actions and feelings.
8	Primitive	Behaviour that originates from prehistoric times when men gave in to their more animalistic side.
9	Dualism	An opposition or contrast between two ideas of something.
10	Moral	A lesson that can be learned from a story or experience. The principles of right and wrong.

Week 2		
05/01/22	Piece of Information	Answer
1	Charles Dickens (1812- 1870)	An English writer and social critic. He is regarded by many as the greatest novelist of the Victorian era. Author of Great Expectations.
2	Empathy	The ability to understand and share the feelings of another.
3	Paranoia	Unjustified suspicion and mistrust of other people.
4	The Ego	The part of your personality that is responsible for dealing with reality.
5	Instinct	A natural or intuitive way of acting or thinking.
6	Fragile	Not strong or sturdy; delicate and vulnerable.
7	The Pleasure Principle	The idea that there is a part of your personality which strives for immediate satisfaction of all desires, wants, and needs.
8	Personality	The combination of characteristics or qualities that form an individual's distinctive character.
9	The Globe Theatre (1599-1613)	Octagon shaped, roofless theatre that held 3,000 people - the home of Shakespeare's theatre company.
10	The Sublime	The use of language and description that excites thoughts and emotions beyond ordinary experience.

Week 3		
12/01/22	Piece of Information	Answer
1	•	An English novelist and poet, whose novels became classics of English literature. She is the author of the famous novel, Jane Eyre.

2	Hubris	Excessive pride or self-confidence.
3	Stereotype	A widely held, but fixed and oversimplified image or idea of a particular type of person or thing.
4	The SuperEgo	The part of your personality that holds our sense of right and wrong which provides guidelines for making judgements.
5	Romanticism	Romanticism was an artistic movement that originated in Europe toward the end of the 18th century. It emphasised emotion and individualism as well as glorification of all the past and nature.
6	William Shakespeare (1564-1616)	An English poet, playwright and actor, widely regarded as the greatest writer in the English language and the world's greatest dramatist.
7	Hamartia	A fatal flaw in a protagonist's personality, which brings about his tragic downfall in a tragedy.
8	The Interpretation of Dreams	A book by Sigmund Freud, in which he introduces his theory of the subconscious mind and reading messages from dreams.
9	Sigmund Freud (1856- 1939)	An Austrian neurologist and the founder of psychoanalysis.
10	The ID	The part of our personality that is present from birth. It is entirely unconscious and includes our instinctive and primitive behaviours.

Week 4		
19/01/22	Piece of Information	Answer
1	Robert Louis Stevenson (1850-1894)	A Scottish novelist, poet, essayist, musician and travel writer. His most famous works are Treasure Island, Kidnapped and The Strange Case of Dr Jekyll and Mr Hyde.
2	Revenge	The action of harming someone in return for an injury or wrong suffered at their hands.
3	Fatal Flaw	A trait or quality that ultimately leads to a character's downfall or death.
4	The Industrial Revolution	A change in the way people worked from working on farms to working in factories appearing in cities.
5	Psychology	The scientific study of the human mind and how it works.
6	Psychoanalysis	A clinical method for treating mental illness through dialogue between a patient and a psychoanalyst.
7	Subconscious	The part of the mind which one is not fully aware of, but which influences one's actions and feelings.
8	Primitive	Behaviour that originates from prehistoric times when men gave in to their more animalistic side.
9	Dualism	An opposition or contrast between two ideas of something.
10	Moral	A lesson that can be learned from a story or experience. The principles of right and wrong.

Week 5		
26/01/22	Piece of Information	Answer
1	Robert Browning (1812-1889)	An English poet and playwright whose mastery of the dramatic monologue made him one of the foremost Victorian poets.
2	Self-Esteem	Confidence in one's own worth or abilities.
3	Humanity	The quality of being humane (showing kindness).
4	The Victorian Era	The period between 1837-1901 when Queen Victoria ruled Britain and its far reaching empire.
5	Monologue	A long speech by one actor in a play, film or poem.
6	Charles Dickens (1812- 1870)	An English writer and social critic. He is regarded by many as the greatest novelist of the Victorian era. Author of Great Expectations.
7	Empathy	The ability to understand and share the feelings of another.
8	Paranoia	Unjustified suspicion and mistrust of other people.
9	The Ego	The part of your personality that is responsible for dealing with reality.

1		
1011nstin	nct IA r	natural or intuitive way of acting or thinking.
10111361	711	natural of intality way of dotting of trimiting.
		, , ,

Week 6 02/02/22		Answer
02/02/22	Piece of Information	
1	Carol Ann Duffy (1955)	A Scottish poet and playwright who was appointed Britain's Poet Laureate in May 2009.
2	Disempower	To make (a person or group) less powerful or confident.
3	Psychosis	A serious mental illness where a person loses touch with reality.
4	Betrayal	The action of betraying one's country, a group, or a person, otherwise known as treachery.
5	The Poet Laureate	A poet officially appointed by a government, typically expected to compose poems for special events and occasions.
6	Fragile	Not strong or sturdy; delicate and vulnerable.
7	The Pleasure Principle	The idea that there is a part of your personality which strives for immediate satisfaction of all desires, wants, and needs.
8	Personality	The combination of characteristics or qualities that form an individual's distinctive character.
9	The Globe Theatre (1599-1613)	Octagon shaped, roofless theatre that held 3,000 people - the home of Shakespeare's theatre company.
10	The Sublime	The use of language and description that excites thoughts and emotions beyond ordinary experience.

Week 7		
09/02/22	Piece of Information	Answer
1	Simon Armitage (1963)	An English poet, playwright and novelist. He is professor of poetry at the University of Leeds.
2	Protagonist	The leading character or one of the major characters in a play, film, novel.
3	Prejudice	A preconceived opinion that is not based on reason or actual experience.
4	Oppression	The malicious or unjust treatment or exercise of power, often under the guise of governmental authority.
5	Characterisation	The creation or construction of a fictional character.
6	Charlotte Bronte (1816- 1855)	An English novelist and poet, whose novels became classics of English literature. She is the author of the famous novel, Jane Eyre.
7	Hubris	Excessive pride or self-confidence.
8	Stereotype	A widely held, but fixed and oversimplified image or idea of a particular type of person or thing.
9	The SuperEgo	The part of your personality that holds our sense of right and wrong which provides guidelines for making judgements.
10	Romanticism	Romanticism was an artistic movement that originated in Europe toward the end of the 18th century. It emphasised emotion and individualism as well as glorification of all the past and nature.

Week 8		
16/02/22	Piece of Information	Answer
	Edgar Allan Poe (1809-	An American writer, editor, and literary critic. Poe is best known for his
1	1849)	poetry and short stories, particularly his tales of mystery. He wrote the
	,	famous short story, The Tell-Tale Heart.

	Antagonist	A person who opposes or is horrible to someone or something. Usually the villain in a story.
3	Mary Shelley (1797- 1851)	An English novelist, short story writer, dramatist, essayist, biographer, and travel writer, best known for her Gothic novel Frankenstein.
4	Jealousy	The state or feeling of being jealous - wanting what someone else has.
_	Macabre	Something disturbing, concerned with or causing a fear of death.
6	Psychoanalysis	A clinical method for treating mental illness through dialogue between a patient and a psychoanalyst.
7	Subconscious	The part of the mind which one is not fully aware of, but which influences one's actions and feelings.
8	Primitive	Behaviour that originates from prehistoric times when men gave in to their more animalistic side.
	Dualism	An opposition or contrast between two ideas of something.
10	Moral	A lesson that can be learned from a story or experience. The principles of right and wrong.

Week 9 02/03/22	Piece of Information	Answer
1	Robert Browning (1812-1889)	An English poet and playwright whose mastery of the dramatic monologue made him one of the foremost Victorian poets.
2	Self-Esteem	Confidence in one's own worth or abilities.
3	Humanity	The quality of being humane (showing kindness).
4	The Victorian Era	The period between 1837-1901 when Queen Victoria ruled Britain and its far reaching empire.
	Monologue	A long speech by one actor in a play, film or poem.
6	Carol Ann Duffy (1955)	A Scottish poet and playwright who was appointed Britain's Poet Laureate in May 2009.
7	Disempower	To make (a person or group) less powerful or confident.
_	Psychosis	A serious mental illness where a person loses touch with reality.
9	Betrayal	The action of betraying one's country, a group, or a person, otherwise known as treachery.
10	The Poet Laureate	A poet officially appointed by a government, typically expected to compose poems for special events and occasions.

Week 10 09/03/22	Piece of Information	Answer
1	Simon Armitage (1963)	An English poet, playwright and novelist. He is professor of poetry at the University of Leeds.
2	Protagonist	The leading character or one of the major characters in a play, film, novel.
3	Prejudice	A preconceived opinion that is not based on reason or actual experience.
4	Oppression	The malicious or unjust treatment or exercise of power, often under the guise of governmental authority.
5	Characterisation	The creation or construction of a fictional character.
6	Edgar Allan Poe (1809- 1849)	An American writer, editor, and literary critic. Poe is best known for his poetry and short stories, particularly his tales of mystery. He wrote the famous short story, The Tell-Tale Heart.
7	Antagonist	A person who opposes or is horrible to someone or something. Usually the villain in a story.
8	Mary Shelley (1797- 1851)	An English novelist, short story writer, dramatist, essayist, biographer, and travel writer, best known for her Gothic novel Frankenstein.
9	Jealousy	The state or feeling of being jealous - wanting what someone else has.
10	Macabre	Something disturbing, concerned with or causing a fear of death.

# <u>History Knowledge Organiser - Thursdays</u>

Week 1		
16/12/21	Piece of Information	Answer
1	Alliance	This is an agreement between countries to support each other in times of war,
2	Triple Entente	This was an alliance between Britain, France, and Russia in 1914,
3	Triple Alliance	This was an Alliance between Germany, Austria-Hungary and Italy in 1914,
4	Assassinated	This means the murder of an important person
5		This is when people are forced to join the army or navy, it was used by the British in
١	Conscription	WW1.
6	Militarism	This is the belief a country should maintain a strong military capability.
7	Mobilise	This is when a government prepares and organises their military forces for war.
8	Nationalism	This means identification with one's own nation and support for its interests.
9	Strategy	This is directing overall military operations and movements in a war or battle.
10	Armistice	This is a temporary end to the fighting by agreement of the warring countries.

Week 2 06/01/21	Piece of Information	Answer
1	Abolitionists	These were people who were opposed to all aspects of military service.
2	Alternativists	These were people who were prepared to take on alternative civilian work rather than military service
3	Clause	This is a particular article or provision in a treaty.
4	Conscientious Objectors	These were people who refused to join any military service that requires them to fight.
5	Tribunal	This is a court setting that had the power to force men to join the army and fight, even if they refused.
6	Propaganda	This is information, used to promote a cause or point of view.
7	Pacifits	This is a person who doesn't believe in war or violence.
8	Non-combatants	These are members of the armed forces who fulfil non-combat roles such as doctors.
9	Quaker	This is a religious group who are against war and the use of violence.
10	Moral objections	This means refusing to do something because it goes against your morals or personal beliefs.

Week 3 13/01/21	Piece of Information	Answer
1	Appeasement	This is the policy of giving someone what they want in the hope of avoiding war.
2	Assembly	This was a group of powerful countries that ran the League of Nations.

3	Collective Security	This means when countries work together to keep the peace.
4	Council	These were members of the League of Nations who met once a year to vote on matters of international importance.
5	Covenant	This is an agreement of what the League of Nations was and what members can expect to happen under it.
6	Alliance	This is an agreement between countries to support each other in times of war,
7	Triple Entente	This was an alliance between Britain, France, and Russia in 1914,
8	Triple Alliance	This was an Alliance between Germany, Austria-Hungary and Italy in 1914,
9	Assassinated	This means the murder of an important person
10	Conscription	This is when people are forced to join the army or navy, it was used by the British in WW1.

Week 4 20/01/22	Piece of Information	Answer
1	Diktat	This means a forced treaty; this is how Germany referred to the Treaty of Versailles.
2	Isolationism	This is a policy in which a country does not get involved in forgein affairs.
3	Mandate	This is a former colony that was assigned to the League of Nations to be governed.
4	Paris Peace Conference	This was the meeting held at the Palace of Versailles in France at the end of WW1.
5	Stresa Front	This was an agreement in 1935 between Britain, France and Italy declaring they would unit against Hitler.
6	Militarism	This is the belief a country should maintain a strong military capability.
7	Mobilise	This is when a government prepares and organises their military forces for war.
8	Nationalism	This means identification with one's own nation and support for its interests.
9	Strategy	This is directing overall military operations and movements in a war or battle.
10	Armistice	This is a temporary end to the fighting by agreement of the warring countries.

Week 5 27/01/22	Piece of Information	Answer
1	Adolf Hitler	This was the leader of Germany from 1933 until 1945.
2	Neville Chamberlain	This was the British Prime Minister from 1937 until 1940.
3	Rearmament	This is the process of equipping military forces with a new supply of weapons.
4	Dunkirk	This was when soldiers from Britain tried to evacuate from this town during the battle with Germany.
5	Blitzkrieg	This is the German military tactic of using rapid and overwhelming force.
6	Abolitionists	These were people who were opposed to all aspects of military service.
7	Alternativists	These were people who were prepared to take on alternative civilian work rather than military service
8	Clause	This is a particular article or provision in a treaty.
9	Conscientious Objectors	These were people who refused to join any military service that requires them to fight.
10	Tribunal	This is a court setting that had the power to force men to join the army and fight, even if they refused.

Week 6 03/02/22	Piece of Information	Answer
1	Maginot Line	This is a line of concrete fortifications and weapon installations built by the French in the 1930s.
2	Paratroopers	This is a specialised soldier who is part of an airborne force that uses parachutes.
3	Winston Churchill	This was the British Prime Minister from 1940 to 1945.
4	Allies	This means to formally cooperate with another military for a common purpose.
5	Pearl Harbour	This was an American naval base that suffered a surprise attack by Japanese forces in 1941.
6	Propaganda	This is information, used to promote a cause or point of view.
7	Pacifits	This is a person who doesn't believe in war or violence.
8	Non-combatants	These are members of the armed forces who fulfil non-combat roles such as doctors.
9	Quaker	This is a religious group who are against war and the use of violence.
10	Moral objections	This means refusing to do something because it goes against your morals or personal beliefs.

Week 7		
10/02/22	Piece of Information	Answer
1	Clement Attlee	This was the new Prime Minister who replaced Winston Churchill.
2	From the cradle to the	
	grave	This was the slogan used by the labour government after the war.
3	National Health Service	This provides free access to doctors, dentists, opticians and hospitals.
4		This was when a ship arrived carrying 492 Jamaicans hoping to make a new life
4	Windrush	in Britain.
5		This was the slogan the government used after the war regarding the
5	A country fit for heroes	improvement of Britain.
6	Alliance	This is an agreement between countries to support each other in times of war,
7	Triple Entente	This was an alliance between Britain, France, and Russia in 1914,
8	Triple Alliance	This was an Alliance between Germany, Austria-Hungary and Italy in 1914,
9	Assassinated	This means the murder of an important person
10		This is when people are forced to join the army or navy, it was used by the
10	Conscription	British in WW1.

Week 8		
17/02/22	Piece of Information	Answer
1	1924 Housing Act	This gave local councils money to build new and improved council houses.
2	National Health Insurance	This made healthcare affordable for working men.
3	Debt	This is a sum of money that is owed or due to someone or an organisation.

4		This allowed British ships to sail to India and other colonies three times faster
4	Suez Canal	than sailing around Africa.
5	Means test	This was a test how wealthy a family was and if they could receive 'the dole'.
6	Militarism	This is the belief a country should maintain a strong military capability.
7		This is when a government prepares and organises their military forces for
1	Mobilise	war.
8	Nationalism	This means identification with one's own nation and support for its interests.
9	Strategy	This is directing overall military operations and movements in a war or battle.
10	Armistice	This is a temporary end to the fighting by agreement of the warring countries.

Week 9 03/03/22	Piece of Information	Answer
1	Adolf Hitler	This was the leader of Germany from 1933 until 1945.
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3	Rearmament	This is the process of equipping military forces with a new supply of weapons.
4	Dunkirk	This was when soldiers from Britain tried to evacuate from this town during the battle with Germany.
5	Blitzkrieg	This is the German military tactic of using rapid and overwhelming force.
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8	Winston Churchill	This was the British Prime Minister from 1940 to 1945.
9	Allies	This means to formally cooperate with another military for a common purpose.
10	Pearl Harbour	This was an American naval base that suffered a surprise attack by Japanese forces in 1941.

Week 10		
10/03/22	Piece of Information	Answer
1	Clement Attlee	This was the new Prime Minister who replaced Winston Churchill.
2	From the cradle to the	
	grave	This was the slogan used by the labour government after the war.
3	National Health Service	This provides free access to doctors, dentists, opticians and hospitals.
1		This was when a ship arrived carrying 492 Jamaicans hoping to make a new
4	Windrush	life in Britain.
5		This was the slogan the government used after the war regarding the
3	A country fit for heroes	improvement of Britain.
6	Militarism	This is the belief a country should maintain a strong military capability.
7		This is when a government prepares and organises their military forces for
,	Mobilise	war.
8	Nationalism	This means identification with one's own nation and support for its interests.
9	Strategy	This is directing overall military operations and movements in a war or battle.
10	Armistice	This is a temporary end to the fighting by agreement of the warring countries.

# Maths Knowledge Organiser - Thursdays

Week 1 16/12/21	Piece of Information	Answer
1	Coordinate	A point on a grid represented by two numbers. e.g. (2,5)
2	Quadrant	One of four areas created when two axes are placed on a grid.
3	Horizontal	A line parallel to the horizontal; it goes across from side to side.
4	Vertical	A line perpendicular to the horizon; it goes up and down.
5	1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144.	First 12 square numbers
6	2, 3, 5, 7, 11, 13, 17, 19, 23, 29.	First 10 prime numbers
7	LxW	How to find the area of a rectangle.
8	8, 16, 24, 32, 40, 48, 56	First 7 multiples of 8.
9	Regular polygon	A polygon with all sides the same length and all angles equal.
10	Tessellate	To "tile" a surface with shapes so that there are no gaps and no overlaps.

Week 2 06/01/21	Piece of Information	Answer
1	60	Seconds in one minute
2	60	Minutes in one hour.
3	24	Hours in one day.
4	Mode	The most common value, it has the highest frequency.
5	Range	The difference between the largest and the smallest value.
6	1, 3, 5, 7, 9.	First 5 odd numbers
7	360°	Degrees in a full turn.
8	$A = \pi r^2$	Area of a circle.
9	$C = \pi d$	Circumference of a circle when the diameter is known.
10	A = ½ b h	Area of a triangle, where b is the base and h is the perpendicular height.

Week 3		
13/01/21	Piece of Information	Answer

1	Quadrilateral	A four sided polygon.
2	Product	The answer when multiplying.
3	1, 2, 3, 4, 6, 12	Factors of 12.
4	Isosceles triangle	A triangle with exactly two equal sides and equal base angles.
5	<u>Diameter</u> 2	How to find the radius when the diameter is known.
6	Coordinate	A point on a grid represented by two numbers. e.g. (2,5)
7	Quadrant	One of four areas created when two axes are placed on a grid.
8	Horizontal	A line parallel to the horizontal; it goes across from side to side.
9	Vertical	A line perpendicular to the horizon; it goes up and down.
10	1, 4, 9, 16, 25, 36, 49, 64, 81, 100, 121, 144.	First 12 square numbers

Week 4 20/01/22	Piece of Information	Answer
1	10	Millimetres (mm) in a centimetre (cm).
2	100	Centimetres (cm) in a metre (m).
3	1000	Metres (m) in a kilometre (km).
4	Prime number	Only has two factors; itself and one.
5	1, 8, 27, 64, 125.	First 5 cube numbers
6	2, 3, 5, 7, 11, 13, 17, 19, 23, 29.	First 10 prime numbers
-	LxW	How to find the area of a rectangle.
8	8, 16, 24, 32, 40, 48, 56	First 7 multiples of 8.
9	Regular polygon	A polygon with all sides the same length and all angles equal.
10	Tessellate	To "tile" a surface with shapes so that there are no gaps and no overlaps.

Week 5 27/01/22	Piece of Information	Answer
1	1, 3, 6, 10, 15	Triangular numbers are numbers that can make a triangular dot pattern,
2	Obtuse angle	An angle greater than 90° and less than 180°.
3	Median	The middle value of an ordered data set.
4	Integer	A whole number.
5	Arithmetic sequence	A sequence of numbers where the same number is added or subtracted from

		each term (it has a common difference).
6	60	Seconds in one minute
7	60	Minutes in one hour.
8	24	Hours in one day.
9	Mode	The most common value, it has the highest frequency.
10	Range	The difference between the largest and the smallest value.

Week 6 03/02/22	Piece of Information	Answer
1	Parallel	Two lines that are the same distance apart.
2	Perpendicular	Two lines that meet at 90°.
3	Equilateral triangle	A triangle with three equal sides and equal angles. $60^{\circ} \qquad 60^{\circ}$
4	Vertically opposite angles	The two opposite angles when two lines cross, these angles are equal.
5	Corresponding angles	Equal angles on the same side of a transversal and in the same position relative to lines intersected.
6	1, 3, 5, 7, 9.	First 5 odd numbers
7	360°	Degrees in a full turn.
8	$A = \pi r^2$	Area of a circle.
9	$C = \pi d$	Circumference of a circle when the diameter is known.
10	A = ½ b h	Area of a triangle, where b is the base and h is the perpendicular height.

Week 7 10/02/22	Piece of Information	Answer
1	Alternate angles	Equal angles on opposite sides of a transversal.
2	Co-interior	Angles that lie between two parallel lines and on the same side of a transversal. They sum to 180°.
3	Polygon	A closed shape with three or more straight sides.
4	Right angle	A 90° angle.
5	Hexagon	A six sided polygon.
6	Quadrilateral	A four sided polygon.
7	Product	The answer when multiplying.
8	1, 2, 3, 4, 6, 12	Factors of 12.

9	Isosceles triangle	A triangle with exactly two equal sides and equal base angles.
10	<u>Diameter</u> 2	How to find the radius when the diameter is known.

Week 8 17/02/22	Piece of Information	Answer
1	y = mx + c	Equation of a straight line
2	m	The gradient, the steepness of a line.
3	С	The y-intercept, the point at which a line crosses the y-axis.
4	midpoint	The point half way along a line.
5	Index	This indicates the number of times a base is multiplied by itself. The plural is indices.
6	2, 3, 5, 7, 11, 13, 17, 19, 23, 29.	First 10 prime numbers
7	LxW	How to find the area of a rectangle.
8	8, 16, 24, 32, 40, 48, 56	First 7 multiples of 8.
9	Regular polygon	A polygon with all sides the same length and all angles equal.
10	Tessellate	To "tile" a surface with shapes so that there are no gaps and no overlaps.

Week 9		
03/03/22	Piece of Information	Answer
1	1, 3, 6, 10, 15	Triangular numbers are numbers that can make a triangular dot pattern,
	Obtuse angle	$\leftarrow \bigcirc$
2		An angle greater than 90° and less than 180°.
3	Median	The middle value of an ordered data set.
4	Integer	A whole number.
5	Arithmetic sequence	A sequence of numbers where the same number is added or subtracted from each term (it has a common difference).
6	Parallel	Two lines that are the same distance apart.
7	Perpendicular	Two lines that meet at 90°.
8	Equilateral triangle	A triangle with three equal sides and equal angles. $60^{\circ}$
9	Vertically opposite angles	The two opposite angles when two lines cross, these angles are equal.
10	Corresponding angles	Equal angles on the same side of a transversal and in the same position relative to lines intersected.

Week 10 10/03/22	Piece of Information	Answer
1	Alternate angles	Equal angles on opposite sides of a transversal.
2	Co-interior	Angles that lie between two parallel lines and on the same side of a transversal. They sum to 180°.
3	Polygon	A closed shape with three or more straight sides.
4	Right angle	A 90° angle.
5	Hexagon	A six sided polygon.
6	y = mx + c	Equation of a straight line
7	m	The gradient, the steepness of a line.
8	С	The y-intercept, the point at which a line crosses the y-axis.
9	midpoint	The point half way along a line.
10	Index	This indicates the number of times a base is multiplied by itself. The plural is indices.

# **Geography Knowledge Organiser - Fridays**

Week 1 17/12/21	Piece of Information	Answer
1	Tourist	This is an individual that travels away from their home for pleasure.
2	Gross Domestic Product (GDP)	This is the total value of goods and services produced by a country in one year.
3	Multiplier effect	This occurs when a positive change happens, which then has a knock on effect on other businesses.
4	Disposable income	This is the income that people have to spend after taxes.
5	Annual leave	This is paid time off work granted by employers to employees.
6	Pension	This a regular payment made by the state to people of or above the official retirement age.
7	Package holiday	This is a holiday that includes flights, hotels and transfers that is bought and organised by one company.
8	Recession	This is a period of temporary economic decline.
9	Rejuvenation	This is the regrowth of a tourist area or resort.
10	Mass tourism	This is when large numbers of people go on holiday, often at the same time of year.

Week 2 07/01/22	Piece of Information	Answer
1	Host country	This is a country which contains people or organisations from other countries.
2	Tertiary sector	This is the sector of the economy concerned with providing services eg. doctors or teachers.
3	Gross National income	A measurement of economic activity calculated by dividing the gross (total) national income by the size of the population.
4		Actions that meet the needs of the present without reducing the ability of future generations to meet their needs.
5	Ecotourism	This is nature tourism usually involving small groups with minimal impact on the environment.
6	Social	The section of Geography that is linked to people.
7	Economic	The section of Geography that is linked to money and jobs.
8	Environmental	The section of Geography that is linked to nature and the natural world around us.
9	Newly Emerging Economy (NEE)	These are countries that have begun to experience high rates of economic development, usually along with rapid industrialisation.

10	This refers to the facilities that support everyday economic activity i.e. roads,
Infrastructure	phone lines or gas pipes.

Week 3 14/01/22	Piece of Information	Answer
1	Biodiversity	This is the variety of plant and animal life within an ecosystem.
2	Leakage	This refers to a loss of income from an economic system.
3	Indirect employment	These are jobs that support the tourism industry.
4	Development	This is the progress of a country in terms of economic growth, the use of technology and human welfare.
5	Development gap	This is the difference in standards of living and wellbeing between the world's richest and poorest countries.
6	Tourist	This is an individual that travels away from their home for pleasure.
7	Gross Domestic Product (GDP)	This is the total value of goods and services produced by a country in one year.
8	Multiplier effect	This occurs when a positive change happens, which then has a knock on effect on other businesses.
9	Disposable income	This is the income that people have to spend after taxes.
10	Annual leave	This is paid time off work granted by employers to employees.

Week 4 21/01/22	Piece of Information	Answer
1	Debt	This is a sum of money that is owed or due.
2	Trade	This is the buying and selling of goods and services between countries.
3	Brandt Line	This is an imaginary division, dividing the 'rich north' and 'poor south'.
4	Index (HDI)	This is a method of measuring development where GNI, life expectancy and literacy rate are combined to give an overview.
5	Literacy rate	This is the percentage of adults within a specific location that can read and write.
6	Pension	This a regular payment made by the state to people of or above the official retirement age.
7	Package holiday	This is a holiday that includes flights, hotels and transfers that is bought and organised by one company.
8	Recession	This is a period of temporary economic decline.
9	Rejuvenation	This is the regrowth of a tourist area or resort.
10	Mass tourism	This is when large numbers of people go on holiday, often at the same time of year.

Week 5 28/01/22	Piece of Information	Answer
1	Colonialism	This is control by one power over a dependent area or people.
2	Urban decline	This is the deterioration of the inner city often caused by lack of investment and maintenance
3	Regeneration	Reversing the urban decline by modernising or redeveloping, aiming to improve the local economy.
4	Transnational Corporations (TNCs)	These are companies that operate in more than one country.
5	Counter-urbanisation	The movement of people from urban areas into smaller urban areas or rural areas.
6	Host country	This is a country which contains people or organisations from other countries.
7	Tertiary sector	This is the sector of the economy concerned with providing services eg. doctors or teachers.
8	Gross National income	A measurement of economic activity calculated by dividing the gross (total) national income by the size of the population.
9	Sustainability	Actions that meet the needs of the present without reducing the ability of future generations to meet their needs.
10	Ecotourism	This is nature tourism usually involving small groups with minimal impact on the environment.

Week 6 04/02/22	Piece of Information	Answer
1	Quality of life	This is the standard of health, comfort, and happiness experienced by an individual or group.
2	Social deprivation	The extent an individual or an area lacks services, decent housing, adequate income and employment.
3	Ranching	This is the practice of raising herds of animals on large tracts of land.
4	Infrastructure	The basic equipment and structures (such as roads, utilities, water supply and sewage) that are needed for a country or region to function properly.
5	Pull factor	These are the reasons people want to leave a place eg.; lack of jobs or housing.
6	Social	The section of Geography that is linked to people.
7	Economic	The section of Geography that is linked to money and jobs.
8	Environmental	The section of Geography that is linked to nature and the natural world around us.
9	Newly Emerging Economy (NEE)	These are countries that have begun to experience high rates of economic development, usually along with rapid industrialisation.
10	Infrastructure	This refers to the facilities that support everyday economic activity i.e. roads, phone lines or gas pipes.

Week 7 11/02/22	Piece of Information	Answer
1	Push factor	These are the reasons people want to move to a place eg. job opportunities or more services.
2	Agriculture	This is the science and practice of farming, including cultivation of the soil for the growing of crops and the rearing of animals.
3	Poverty	This is the state of being extremely poor, generally leading to a poor quality of life.
4	Mechanisation	This is the process of using agricultural machinery.
5	Formal economy	This refers to the type of employment where people work to receive a regular wage and are assured certain rights e.g. paid holidays, sickness leave. Wages are taxed.
6	Biodiversity	This is the variety of plant and animal life within an ecosystem.
7	Leakage	This refers to a loss of income from an economic system.
8	Indirect employment	These are jobs that support the tourism industry.
9	Development	This is the progress of a country in terms of economic growth, the use of technology and human welfare.
10	Development gap	This is the difference in standards of living and wellbeing between the world's richest and poorest countries.

Week 8		
18/02/22	Piece of Information	Answer
	Informal economy	This type of employment comprises work done without the official knowledge
1		of the government and therefore without paying taxes. It is common in many
		LICs.
2	Pacification	This involves the military and police occupation of targeted communities.
3	Squatter settlement.	This is an area of (often illegal) poor-quality housing lacking in services like water supply, sewerage and electricity. Also known as slums or shanty towns.
4	Favelas	This is the name for a Brazilian squatter settlement.
5	Indegenous people	This is the first group of people who inhabited an area and generally continue to live a traditional lifestyle.
6	Debt	This is a sum of money that is owed or due.
7	Trade	This is the buying and selling of goods and services between countries.
8	Brandt Line	This is an imaginary division, dividing the 'rich north' and 'poor south'.
9	Human Development	This is a method of measuring development where GNI, life expectancy and
9	Index (HDI)	literacy rate are combined to give an overview.
10	Literacy rate	This is the percentage of adults within a specific location that can read and write.

Week 9		
04/03/22	Piece of Information	Answer
1	Colonialism	This is control by one power over a dependent area or people.
2	Urban decline	This is the deterioration of the inner city often caused by lack of investment and maintenance
3		Reversing the urban decline by modernising or redeveloping, aiming to improve the local economy.

4	Transnational Corporations (TNCs)	These are companies that operate in more than one country.
5		The movement of people from urban areas into smaller urban areas or rural areas.
6	Quality of life	This is the standard of health, comfort, and happiness experienced by an individual or group.
7	Social deprivation	The extent an individual or an area lacks services, decent housing, adequate income and employment.
8	Ranching	This is the practice of raising herds of animals on large tracts of land.
9	Infrastructure	The basic equipment and structures (such as roads, utilities, water supply and sewage) that are needed for a country or region to function properly.
10	Pull factor	These are the reasons people want to leave a place eg.; lack of jobs or housing.

	1	
Week 10		
11/03/22	Piece of Information	Answer
4	Push factor	These are the reasons people want to move to a place eg. job opportunities or
'		more services.
2	Agriculture	This is the science and practice of farming, including cultivation of the soil for
		the growing of crops and the rearing of animals.
0	Poverty	This is the state of being extremely poor, generally leading to a poor quality of
3		life.
4	Mechanisation	This is the process of using agricultural machinery.
	Formal economy	This refers to the type of employment where people work to receive a regular
5	Torrial economy	wage and are assured certain rights e.g. paid holidays, sickness leave. Wages
		are taxed.
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	Informal economy	This type of employment comprises work done without the official knowledge
6		of the government and therefore without paying taxes. It is common in many
		LICs.
7	Pacification	This involves the military and police occupation of targeted communities.
8	Squatter settlement.	This is an area of (often illegal) poor-quality housing lacking in services like
8	·	water supply, sewerage and electricity. Also known as slums or shanty towns.
9	Favelas	This is the name for a Brazilian squatter settlement.
	Indogonous noonlo	·
10	Indegenous people	This is the first group of people who inhabited an area and generally continue
		to live a traditional lifestyle.

# Food, Art, Drama & RE Knowledge Organisers - Weekends

Food Week 1		
18/12/21	Piece of Information	Answer
1	Tongs	Used for picking up objects, consisting of 2 long pieces joined at one end.
2	Bain-marie	Equipment and a process of cooking that involves placing a container of food into a pan of hot water.
3	Cookie cutter	A sharp metal or plastic tool used to cut dough into shapes before cooking.
4	Grater	A metal device with holes surrounded by sharp edges used to cut food into small pieces.
5	Masher	A kitchen tool for mashing potatoes and other vegetables.
6	Ladle	A very big spoon with a deep bowl and a long handle; used for serving soup.
7	Rolling pin	A wooden cylinder that is used to flatten pastry and dough.
8	Pestle	Used for crushing substances in a mortar.
9	Mortar	Used with a pestle.
10	Spiralizer	An appliance used for cutting vegetables into ribbons or spaghetti.

Art Week 2 08/01/22	Piece of Information	Answer
00/01/22		
1	Cropped Image	A specific section of an image or artwork.
2	Emulsion	A type of paint used in households and artworks.
3	Artist Study	The act of recreating a well known artwork.
4	Architecture	The complex design or structure of a building.
5	Trace	The act of copying an artwork by going over the exact lines.
6	Biro	A kind of ballpoint pen which allows you to control ink flow.
7	Mixed media	A variety of materials used in one artwork.
8	Surface	The uppermost layer of something.
9	Texture	How a surface looks or feels e.g fluffy, rough or smooth.
10	Mark-Making	Creating a series of lines or patterns to create texture or tone.

Drama Week 3		
15/01/22	Piece of Information	Answer
1	Script	A text structure that is used for a movie, play or radio play.
2	Dialogue	A conversation between two or more characters in a play.

3	Stage Directions	An instruction within the text of a play indicating a movement or change to the set.
4	Setting	The scenery and stage furniture used in a play.
5	Protagonist	The leading character in a play.
6	Antagonist	The character who causes the protagonist trouble within a play. The 'bad guy'.
7	Pause	A temporary stop in action or speech.
8	Transitions	The change between two seperate scenes in a play.
9	Cast List	The list of characters from a play which is found at the beginning of the script.
10	Parentheticals	Short instructions relating to the characters delivery of a line.

Week 4		
22/01/22	Piece of Information	Answer
1	Tongs	Used for picking up objects, consisting of 2 long pieces joined at one end.
2	Bain-marie	Equipment and a process of cooking that involves placing a container of food into a pan of hot water.
3	Cookie cutter	A sharp metal or plastic tool used to cut dough into shapes before cooking.
4	Cropped Image	A specific section of an image or artwork.
5	Emulsion	A type of paint used in households and artworks.
6	Artist Study	The act of recreating a well known artwork.
7	Script	A text structure that is used for a movie, play or radio play.
8	Dialogue	A conversation between two or more characters in a play.
9	Pilgrim	A person who journeys to a sacred or holy place for religious reasons.
10	Pilgrimage	A journey to a holy place.

RE Week 5		
29/01/22	Piece of Information	Answer
1	Pilgrim	A person who journeys to a sacred or holy place for religious reasons.
2	Pilgrimage	A journey to a holy place.
3	Sacred	Something that is holy and connected with religion.
4	Journey	Traveling from one place to another, usually taking a rather long time.
5	Rites	A religious or other solemn (formal) ceremony or act.
6	Apparition	A ghost or ghostlike image of a person.
7	Miracles	An extraordinary and welcome event that cannot be explained by natural or scientific laws, therefore it is attributed to a divine being.
8	Omnipotent	All-powerful or All-strong. Having unlimited power without any limitations.
9	Bernadette	French peasant girl (1844-1879) whose visions of the Virgin Mary led to the building of the shrine at Lourdes, France.
10	Muhammad	Muhammad was an Arab religious, social, and political leader, and the founder of Islam he is also Islam's most important prophet.

Food Week 6 05/02/22	Piece of Information	Answer
1	Baking tray	A flat, metal tray used to cook food in the oven.
2	Blender	An appliance with blades used for pureeing fruit and vegetables and blending liquids.
3	Cooling rack	A wire frame that cooked food can be left on to cool.
4	Food processor	An electric appliance which speeds up the preparation and mixing of ingredients.
5	Juicer	A kitchen appliance used for extracting juice from fruit and veg.
6	Mandoline	A tool with adjustable blades, used for slicing foods thinly and evenly.
7	Ramekin	Small, round fireproof dish used for deserts.
8	Sieve	A device for aerating and separating powdered food.
9	Whisk	A utensil used for whipping and blending ingredients.
10	Wok	Bowl shaped pan used, mainly, in Chinese cooking.

Art Week 7 12/02/22	Piece of Information	Answer
	Experiment	To use relevant and purposeful skills to explore outcomes.
2	Layered surface	Use multiple materials to create a textured background.
3	Abstracted	An image that is recognised, but is simplified.
4	Man-made forms	Objects that have been created by humans.
5	Concept	An idea which informs your artwork.
6	Plein Air	A french term describing the act of creating an artwork outside.
7	Gradient	The rate of change in a colour.
8	Production	The creation of artwork.
9	Detail	A minute part of an artwork.
10	Depth	The impression of space by using a foreground and background.

Drama Week 8		
19/02/22	Piece of Information	Answer
1	Konstantin Stanislavski	A naturalistic drama practitioner.
2	Magic If	Stanislavski's technique to help actors develop characters.
3	Hot Seating	A rehearsal technique where an actors stays in character and answers questions.
4	Character Profile	A rehearsal technique which allows actors to develop a character's backgroud.
5	The System	The process of developing a character using Stanislavski's methods
6	Super Objective	The characters main goal within a play.
7	Emotional Memory	When an actor uses their own experiences to help give a realistic response within a play

8		A focus point chosen by the actor to enable them to stay in character and not become distracted.
9	Method Acting	When an actor remains in character at all times, even between performances.
10	Verbatim Theatre	Performance pieces created using the word of interviewees to create a script.

Week 9 05/03/22	Piece of Information	Answer
1	Baking tray	A flat, metal tray used to cook food in the oven.
2	Blender	An appliance with blades used for pureeing fruit and vegetables and blending liquids.
3	Cooling rack	A wire frame that cooked food can be left on to cool.
4	Experiment	To use relevant and purposeful skills to explore outcomes.
5	Layered surface	Use multiple materials to create a textured background.
6	Abstracted	An image that is recognised, but is simplified.
7	Konstantin Stanislavski	A naturalistic drama practitioner.
8	Magic If	Stanislavski's technique to help actors develop characters.
9	Mecca	Islam's holiest city, located in Saudi Arabia.It is the birthplace of the Prophet Muhammad and the faith itself.
10	Ihram	Muslims enter a state of purity before going on Hajj. Male pilgrims wear two lengths of white cloth; female pilgrims wear ordinary clothes.

RE Week 10 12/03/22	Piece of Information	Answer
1	Mecca	Islam's holiest city, located in Saudi Arabia.It is the birthplace of the Prophet Muhammad and the faith itself.
2	Ihram	Muslims enter a state of purity before going on Hajj. Male pilgrims wear two lengths of white cloth; female pilgrims wear ordinary clothes.
3	Tawaf	The circling of the Kaaba by believers to demonstrate their unity in the worship of the One God - Allah.
4	Ka'bah	A building at the centre of Islams most important and holy mosque, in Mecca.
5	Passover	A Jewish festival that occurs in the springtime.
6	Shavuot	This festival is also known as the "Festival of the Weeks", which is the second of the three Jewish Pilgrim Festivals.
7	Spiritual	Relating to or affecting the human spirit or soul as opposed to material or physical things.
8	Judaism	A monotheistic (one God) religion, the expression of the covenant (promise) that God made with the Children of Israel.
9	Holy land	The area in the Middle East where the events of the three Abrahamic religions of Judaism, Christianity and Islam happened.
10	Lourdes	A town in France: a place of pilgrimage for Roman Catholics after a peasant girl, Bernadette Soubirous, had visions of the Virgin Mary in 1858.