

# Year 9

# Knowledge

# Organiser

Unit 3

2023/24

Name: \_\_\_\_\_

## SELF QUIZZING TIMETABLE

You are expected to complete at least 30 minutes of self-quizzing homework in your practice book every day. The minimum expectation is at least one full page.

Monday night	Tuesday night	Wednesday night	Thursday night	Friday night
Science	English	Spanish	History / Geography	Art, Computing, P.E., Music, Computing, R.E., Technology, Drama and PSHE.

## SPARX MATHS TIMETABLE

Due Monday night, each week.

If you have not completed 100% of your, you will be issued with a **60 minute, detention on Tuesday**



## HOLIDAY HOMEWORK

Complete 30 definitions for revision

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## Logins

<b>School email</b>  Gmail	..... <a href="mailto:.....@blaisehighschool.co.uk">@blaisehighschool.co.uk</a>  Password: .....
<b>School computer</b> 	Username: .....  Password: .....
<b>Sparx Maths</b> <a href="http://www.sparxmaths.uk">www.sparxmaths.uk</a> <b>Sparx Maths</b>	Username: .....  Password: .....

Knowledge Organiser homework is based on self-quizzing. It is expected that you complete one page of self-quizzing, every day in your practice book. This should take around 30 minutes as a minimum. You need to self-quiz on the correct segment, based on your homework timetable. You should not leave blank lines on the page, including in between pieces of information. The information you self-quiz should be numbered in your practice book with the same numbers used on the Knowledge Organiser. Tutors will be looking for a full page of self-quizzing on the correct numbers of the Knowledge Organiser, as well as for green pen ticks/corrections and good presentation. On the top line of the page, you should write the subject which you are completing, the set and the date on the right hand side. Underline everything with a ruler. Your writing needs to be neat and legible. Tutors will check your practice book each morning. If we feel that any of these elements are not up to standard, you will be issued with a 30 minute, same day, detention. The knowledge that your teachers have selected directly correlates with the knowledge you are learning in class. You will be tested on this. The harder that you work, the more successful you will be.

The guide to excellent self quizzing	
<b>GET READY</b>	Open your Knowledge Organiser find the subject and right set, 10 x" piece of information and definition". Open up your practice book and on the top line, write the subject which you are completing, the set which you are completing and the date on the right hand side. Underline everything with a ruler.
<b>LOOK</b>	<b>LOOK</b> and memorise the piece of information and definition. Repeat this process several times, until you are confident enough to use your practice book to write the knowledge down.
<b>COVER</b>	<b>COVER</b> your Knowledge Organiser with your whiteboard.
<b>WRITE</b>	<b>WRITE</b> the correct number from the Knowledge Organiser, the piece of information and definition from memory in your practice book. There are to be no blank lines in your practice book.
<b>CHECK</b>	<b>CHECK</b> the piece of information and definition. Using a green pen tick if both are correct.
<b>REPEAT</b>	<b>REPEAT</b> the steps above until you have recalled and written down all 10 pieces of information and definition within the set correctly (word for word). You may find that you need to complete a few green pen attempts before you recall the knowledge word for word. If this has not filled one full page of your practice book, go back and repeat the process again.

## Science Set 7

17/10/22

- 1) Force - A push or pull measured in grams. ✗  
Force - A push or pull measured in newtons ✓
- 2) Contact force - Force that acts with direct contact e.g. air resistance. ✓
- 3) Friction - Resistive force produced when two objects move each other. ✓
- 4) Non-contact force - Forces that act with direct contact. ✗
- 4) Non-contact force - Forces that act without direct contact e.g. gravity. ✓
- 5) Resultant force - Single force acting on an object that is the sum of all forces. ✓
- 6) Melt - State change from a solid to a liquid. ✓
- 7) Freeze - State change from a liquid to a solid. ✓
- 8) Boil - State change from a liquid to a gas using energy. ✓
- 9) Evaporate - State change from a gas to a liquid. ✗
- 9) Evaporate - State change from a liquid to a gas at the surface of liquid only. ✓
- 10) Condense - State change from a gas to a liquid. ✓
- 1) Force - A push or pull measured in newtons ✓
- 2) Contact force - Force that acts with direct contact e.g. air resistance ✓
- 3) Friction - Resistive force produced when two objects move over each other. ✓
- 4) Non-contact force - Forces that act without direct contact e.g. gravity ✓

Open up your Sparx book and on the top line, write the Task Number and the Date on the right hand side. Underline everything with a ruler. Draw a margin for your book codes. For every question, you must write your book code, working and your Definition.

Thursday 1st June 2017

Homework

Task 1	Task 2
D40 $12 + 13 = 25$ ✓	F41 $P(\text{yellow}) = \frac{3}{6}$ ✗
E50 $4 \times 3 + 2 \times 5 =$	F51 $P(\text{black}) = \frac{4}{8}$
$12 + 10 = 22$ ✓	$= \frac{1}{2}$ ✓
F60 $(12 : 18) \div 6$ $(2 : 3) \div 6$ ✓	G61 All the marked are green The probability of choosing a purple marble is <u>impossible</u> ✓
H70 $\frac{1}{14} + \frac{1}{7} = \frac{1}{7} = \frac{2}{14}$ ✗	H71 $P(\text{odd}) = \frac{3}{5}$ ✓
J90 $\frac{1}{8} + \frac{1}{4} = \frac{1}{8} + \frac{2}{8}$ $= \frac{3}{8}$ ✓	Task 3
A01 $\begin{array}{r} 493 \\ + 162 \\ \hline 655 \end{array}$ ✓	J22 <u>Even</u> ✓

## Y9 Sparx Maths Revision List

To prepare for your end of unit assessment, you can use Sparx to help revise at home. Below is a step-by-step guide to help you access the questions and videos.

### How to use Sparx codes.

1. Log into Sparx Maths (<https://www.sparxmaths.uk/student/>)
2. Click 'Independent Learning'
3. Type in the revision code for the topic you want to study.

Topic	Details	Code
Pie charts	Drawing pie charts	M574
	Interpreting pie charts	M165
Averages and range	Finding averages from frequency tables	M127
	Finding averages from grouped data	M287
Surface area	Finding the surface area of cubes and cuboids	M534
	Finding the surface area of prisms	M661
Volume	Finding the volume of cubes and cuboids	M765
	Finding the volume of prisms	M722
Angles	Understanding congruence	M124
	Angles on parallel lines	M606
	Angles in triangles	M351
	Angles in polygons	M653
Pythagoras	Using Pythagoras' theorem in 2D	M677
Transformations	Translation	M139
	Reflection	M290
	Rotation	M910
	Enlargement	M178
	Mixed transformations	M881
Trigonometry	Understanding sin, cos and tan	U605
	Finding unknown sides in right-angled triangles	U283
	Finding unknown angles in right-angled triangles	U545
	The sine rule	U952
	The cosine rule	U591
	The area rule	U592

Set 1 15-4-24	Piece of information	Definition	Monday - Science
1	Electron	Subatomic particle, with a negative charge and a negligible mass.	
2	Fuse	A device used in a circuit that melts and breaks the circuit when the current is too high	
3	Current	The rate of flow of electrical charge	
4	Series circuit	A circuit in one continuous loop	
5	Atom	A particle- the simplest form of a substance	
6	Element	Made up of one type of atom only	
7	Atomic number	Tells us about the number of protons in an atom	
8	Cell membrane	A barrier, controls what enters and leaves the cell	
9	Cytoplasm	where all the chemical reactions happen in a cell	
10	Mitochondria	Where respiration occurs	
Set 2 22-4-24	Piece of information	Definition	
1	Voltmeter	A device used to measure the potential difference in a circuit	
2	Ammeter	A device used to measure current in a circuit	
3	Diode	A component that allows current to flow in one direction only	
4	Light dependent resistor (LDR)	The resistance decreases if the light intensity increases	
5	Mass number	Tells us about the total number of protons and neutrons in an atom	
6	Group	A column in the periodic table. Its number equals the number of electrons in the outer shell an element in that column has	
7	Period	A row of the periodic table. Its number tells us how many electron shells an element in that row has	
8	Ribosomes	Where protein synthesis occurs	
9	Nucleus- cell	Controls activities of the cell, contains genetic information	
10	Chloroplast	Where photosynthesis occurs	
Set 3 29-4-24	Piece of information	Definition	
1	Alternating current	Current that repeatedly reverses its direction	
2	Direct current	Current that flows in one direction only	
3	The National Grid	A system of cables and transformers linking power stations to consumers	
4	Earth wire	A wire that stops a metal case becoming live if the live wire breaks and touches the case	
5	Alkali metal	The elements in group 1 of the periodic table. They react with water	
6	Chemical property	Features of the way a substance reacts with other substances	
7	Halogens	The elements in group 7 of the periodic table	
8	Vacuole	Contains cell sap to support the plant	
9	Eukaryotic cell	Cells with a nucleus	
10	Prokaryotic cell	Cells that do not contain a nucleus	

Set 4 6-5-24	Piece of information	Definition	Monday - Science
1	Fuse	Contains a thin wire that melts and cuts the current off if too much current passes through it	
2	Efficiency	Useful energy transferred by a device / total energy supplied to the device	
3	1kW	1000W	
4	Power	The rate of energy transfer	
5	Trend	A pattern in properties such as an increase or decrease	
6	Physical property	Features of a substance that can be observed without changing the substance eg conductivity	
7	Ion	Atom that has lost or gained electron/s forms a charge	
8	Specialised cells	Differentiated cells with a specific function	
9	Diffusion	Movement of gases or substances in solution from an area of high concentration to an area of low concentration	
10	Osmosis	Movement of water molecules from an area of high water concentration of an area of low water concentration.	

Set 5 13-5-24	Piece of information	Definition
1	Blood	An unique tissue that transports many substances around the body
2	Plasma	A yellow coloured liquid that contains many dissolved substances
3	Urea	Formed in the liver from the breakdown of excess proteins
4	White blood cells	Body's defence system against harmful microorganisms
5	Mendeleev	Russian chemist who arranged the periodic table by atomic weights, periodic patterns and left gaps for undiscovered elements
6	Displacement Reaction	A reaction where a more reactive element takes the place of a less reactive element in a compound/solution
7	Transition Elements	Elements from the central block of the periodic table
8	Active transport	Movement of particles from an area of low concentration to an area of high concentration
9	Atom	A particle- the simplest form of a substance
10	Compound	Two or more elements or compounds chemically bonded together

Set 6 20-5-24	Piece of information	Definition
1	Capillaries	Tiny vessels linking arteries and veins
2	Double circulatory system	Circulation of blood from the heart to the lungs is separate to that of heart to rest of the body
3	Atria	Chambers of the heart that receive blood into the heart
4	Ventricles	Chambers of the heart that pump body out of the heart
5	Electron	Subatomic particle, with a negative charge and a negligible mass
6	Energy	The capacity to do "work"
7	Fossil Fuels	Non-renewable fuel formed from the remains of living organisms (oil, coal and gas). How most of our energy demands are met
8	Mixture	Two or more elements and / or compound not chemically bonded together
9	Ion	Atom that has lost or gained electron/s forms a charge
10	Ionic compound	A metal bonding with a non-metal- forms ions

Set 7 3-6-24	Piece of information	Definition	Monday - Science
1	Stent	A metal mesh that is placed in an artery to open it	
2	Statins	Drugs taken to reduce blood cholesterol levels	
3	Epidermal cells	Specialised cells that cover the surface of the leaf	
4	Xylem vessels	Transport tissues that carry water and dissolved minerals up the plant	
5	Phloem vessels	Transport tissues that carry dissolved sugars around the plant	
6	Joule (J)	Unit for energy	
7	Carbon Neutral	Takes in as much carbon dioxide from the atmosphere as is released when the fuel is burned	
8	Biofuel	Any fuel taken from living or recently living materials, such as animal waste. It is renewable	
9	Useful energy	Energy transferred to where an in a way it's wanted	
10	Wasted energy	Energy that is not usefully transferred	

Set 8 10-5-24	Piece of information	Definition
1	Translocation	The movement of dissolved sugars from the leaves to the rest of the plant
2	Stomata	Tiny pores mostly on the underside of leaf that allow gases to move in and out of the leaf
3	Transpiration	The loss of water vapour from the stomata
4	Watt (W)	Unit for power
5	Geothermal Energy	Renewable energy from the energy transferred by radioactive substances deep inside the Earth
6	Solar Cells	Flat solid cells that use the Sun's energy to generate electricity
7	Power wasted	The difference of the total power in from the useful power out
8	1 Watt	is equal to 1J/s
9	Thermal energy	Energy store because of temperature
10	Gravitational energy store	Energy stored because of an object's position

Set 9 17-6-24	Piece of information	Definition
1	Glucose	A sugar made by plants by photosynthesis, formula $C_6H_{12}O_6$
2	Endothermic reaction	Photosynthesis is endothermic, it takes in heat energy from the surroundings
3	Limiting factors	One or more essential factors for photosynthesis is in short supply
4	Chlorophyll	A green pigment in the chloroplasts where light energy is absorbed
5	Active Site	The part of the enzyme which is unique so that only a specific substrate can attach or fit on to (lock and key)
6	Metabolism	The sum of all the reactions taking place in a cell or the body of an organism
7	Carbohydrase	Enzymes that catalyse the breakdown carbohydrates into sugars e.g amylase
8	Protease	Enzyme that catalyse the breakdown of proteins into amino acids
9	Powerful	increased rate of energy transfer
10	Friction	A contact force that causes heating



Set 10 24-6-24	Piece of information	Definition	Monday - Science
1	Cellulose	A polymer made from glucose that makes up plant cell walls	
2	Density equation	Calculated as density = mass/volume	
3	Density	Mass per unit volume of a substance	
4	State of matter	Arrangement of particles in either solid, liquid or gas formation	
5	Bile	Neutralises stomach acid for optimum pH for enzymes. It also emulsifies fats to prepare them for digestion.	
6	Digestion	The breakdown of large insoluble food molecules to smaller soluble ones.	
7	pH	Scale of acidity or alkalinity. A pH (power of hydrogen) value below 7 is acidic, a pH value above 7 is alkaline.	
8	Embryo	A ball of cells	
9	DNA	Genetic material	
10	Chromosomes	Made from DNA carries several 100 or 1000s of genes	
Set 11 1-7-24	Piece of information	Definition	
1	Conservation of mass	The total number of atoms before is the same after the event	
2	Melting point	The temperature at which a solid changes to a liquid	
3	Boiling point	The temperature at which a liquid changes to a gas	
4	Latent heat	The energy transferred to a substance when it changes its state	
5	Solar Cells	Flat solid cells that use the Sun's energy to generate electricity	
6	Greenhouse Gases	A gas that contributes to the greenhouse effect by absorbing infrared radiation (trapping heat) e.g carbon dioxide	
7	Sulfur Dioxide	Can be produced by burning fossil fuels and causes acid rain	
8	Meristem tissue	Tips of the roots and shoots	
9	Zygote	Egg and sperm cell fused to form a single new cell	
10	Therapeutic cloning	Process where an embryo is produced that is genetically identical to the parent	
Set 12 8-7-24	Piece of information	Definition	
1	Internal energy	The energy stored by the particles	
2	Random movement	The unpredictable movement of particles	
3	Latent heat of fusion	The energy needed to change the state of 1kg of the substance from solid to liquid at its melting point	
4	Latent heat of vaporisation	The energy needed to change the state of 1kg of the substance from liquid to vapour, at its boiling point	
5	Differentiation	The process of cells becoming specialised	
6	Tissue	A group of cells with similar structure and function working together	
7	Organ	Collection of different tissues working together to carry out a function	
8	Thermal energy	Energy stored as heat	
9	Conduction	Energy transfer through a material	
10	Thermal conductivity	Energy transfer by conduction	

Set 13 15-7-24	Piece of information	Definition	Monday - Science
1	Brownian motion	The random movement of particles in a fluid	
2	Latent heat	The energy transferred to a substance when it changes state	
3	kg/m <sup>3</sup>	The typical unit for density	
4	Organ	Collection of different tissues working together to carry out a function	
5	Lipids	Fats and oils. Made up of three fatty acids and a glycerol	
6	Alloy	A mixture of two or more elements, at least one of which is a metal.	
7	Covalent bonding	Bonding where atoms of non-metals share electrons with each other	
8	Watt	Unit for power	
9	Radiation	Energy that travels in waves	
10	Mass	How much of a material there is in kg	

Set 1 15-4-24	Definition	Piece of information	Tuesday - English
1	Rhetoric	The art or study of using language effectively and persuasively.	
2	Revolution	A forcible overthrow of a government or social order, in favour of a new system. / a dramatic and wide-reaching change in conditions, attitudes, or operation.	
3	Ethos	A sense of trustworthiness, reliability and sincerity in a persuasive argument.	
4	Logos	Appealing to the emotions and thoughts of an audience in order to persuade effectively.	
5	Logos	A logical, relevant argument.	
6	Characters	The individuals taking part in the story of the play.	
7	Themes	The ideas in the play, the messages that the playwright might wish you to think about.	
8	Utopia	A perfect world.	
9	Dystopia	A world in which nothing is perfect.	
10	Idealised	To represent as perfect or better than it is in reality, to romanticise it.	

Set 2 22-4-24	Definition	Piece of information
1	Resistance	The refusal to accept or comply with something.
2	Overt	Done or shown openly; plainly apparent.
3	Covert	Not openly acknowledged or displayed.
4	Anecdote	A short or interesting story about an incident or person.
5	Setting	The time and place chosen by the playwright.
6	Language	The playwright's choice of words and phrases.
7	Staging and Performance	The type of stage, lighting, scenery, sound effects, acting style that the playwright suggests.
8	Equality	The state of being equal or the same, especially in status, rights, or opportunities.
9	Propaganda	Information, especially of a biased or misleading nature, used to promote a political cause or point of view.
10	figurehead	A nominal leader or head without real power.

Set 3 29-4-24	Definition	Piece of information
1	Epizeuxis	Repeating the same word with nothing in between.
2	Anadiplosis	Repeating the last word of one clause at the start of the next clause.
3	Occupation	the action, state, or period of occupying or being occupied by military force.
4	Alleging	a claim made, typically without proof.
5	Conflict	Noun – a serious disagreement or argument, usually over a long time. Verb – be incompatible; clash
6	Playwright	A writer of plays, a dramatist.
7	Trench warfare	A type of combat in which the opposing sides fight from relatively permanent systems of trenches dug into the ground.
8	Surveillance	Close observation, especially of a suspected spy or criminal.
9	Individuality	The quality or character of a particular person or thing that distinguishes them from others of the same kind, especially when strongly marked.
10	Illusion	A deceptive appearance or impression.

Set 4 6-5-24	Definition	Piece of information	Tuesday - English
1	Rhetorical question	A question asked for effect, not to receive an answer.	
2	Hypophora	A question asked, and then answered by the same speaker.	
3	Unity	The state of being united or joined as a whole.	
4	Evacuation	Remove (someone) from a place of danger to a safer place.	
5	Stage Directions	An instruction in the text of a play indicating the movement, position, or tone of an actor, or the sound effects and lighting.	
6	Futility	The fact of having no effect or of achieving nothing.	
7	Motif	An idea that is used many times in a piece of writing. A pattern or design.	
8	Conventions	A way in which something is usually done.	
9	Political	Relating to the government or public affairs of a country.	
10	Inverted	Turned upside down or opposite.	

Set 5 13-5-24	Definition	Piece of information
1	Besiege	To surround (a place) with armed forces in order to capture it or force its surrender.
2	Embolden	To give (someone) the courage or confidence to do something.
3	Direct Address	The use of "you" or "we" to talk directly to the reader or audience.
4	Context	The circumstances that form the setting for an event, statement, or idea, and in terms of which it can be fully understood.
5	Symbolism	Symbols, objects, images in art, literature and films which represent ideas.
6	Themes	The ideas and messages that the playwright might wish you to think about
7	Comradeship	The feeling of friendship between people who live or work together, especially in a difficult situation.
8	Social values	A set of moral principles used to shape the behaviour of that society.
9	Tricolon	Three parallel clauses, phrases or words which come in quick succession without interruption. E.g. I demand freedom, kindness and peace.
10	Symbolism	The use of an object, figure, event, situation or other idea in written work used to represent something else.

Set 6 20-5-24	Definition	Piece of information
1	Gender	Either of the two sexes (male and female), especially when considered with reference to social and cultural differences rather than biological ones.
2	Enfranchisement	Giving a person or group of people the right to vote in elections.
3	Suffrage	The right to vote in an election.
4	Patriarchy (noun)	A society ruled by men.
5	Concrete noun	Concrete nouns are things you can touch (table, tree).
6	Verb	An action word or state of being (to be, to make, to have).
7	Foreshadowing	An advance sign or warning of what is to come in the future.
8	Misogyny	A dislike or ingrained prejudice against women.
9	Conformity	Complying with the rules, standards and laws.
10	Rebellion	Resisting an established government or leader.

Set 7 3-6-24	Definition	Piece of information	Tuesday - English
1	Inequality	Difference in size, degree, circumstances, etc.; lack of equality.	
2	Declarative sentence	A sentence used to state an opinion or viewpoint.	
3	Complex sentence	A sentence containing two or more clauses, one dominant and one subordinate.	
4	Truth	The quality or state of being true.	
5	Stereotype	A set or fixed idea that people have about what someone or something is like.	
6	Propaganda	Information, ideas, opinions, or images, often only giving one part of an argument.	
7	Symbolism	The use of symbols in art, literature, films, etc. to represent ideas.	
8	Construct	Created by the writer to achieve a purpose.	
9	Interior monologue	The thoughts in a character's mind.	
10	Indoctrination	The process of teaching a person or group to accept a set of beliefs uncritically (not able to judge).	

Set 8 10-5-24	Definition	Piece of information
1	Exordium	The beginning or introductory part, especially of a discourse or treatise.
2	Peroration	The concluding part of a speech, typically intended to inspire enthusiasm in the audience.
3	Narration	Narration is the art of reporting a speaker's words
4	Extended metaphor	A metaphor in a literary work, such as a novel or poem, that isn't just used in one line but is extended over multiple lines or throughout the work.
5	Motif	An idea that is used many times in a piece of writing. A pattern or design.
6	Colloquial Language	The language of everyday speech.
7	The Plot	Each event that happens to develop the whole play.
8	Dictator	A ruler with complete power, often one who got control by force.
9	Ideology	A system of interconnected beliefs and values.
10	Authoritarian	Favouring or enforcing strict obedience to authority at the expense of personal freedom.

Set 9 17-6-24	Definition	Piece of information
1	Race	Each of the major groupings into which humankind is considered (in various theories or contexts) to be divided on the basis of physical characteristics or shared ancestry.
2	Dream	A cherished aspiration, ambition, or ideal.
3	Injustice	A lack of fairness or justice.
4	Martin Luther King Jr	A civil rights leader in 1960's America.
5	Prejudice	An unfair and unreasonable feeling or opinion, especially when formed without enough thought or knowledge.
6	Paranoia	An extreme and unreasonable feeling that other people do not like you or are going to harm or criticise you.
7	Declarative	A declarative sentence simply states a fact and ends with a full stop.
8	Conformity	Compliance with standards, rules, or laws.
9	Encryption	The process of encoding a message or information in such a way that only authorised parties can access it.
10	Whistle-blower	A person who informs on a person or organisation regarded as engaging in an unlawful or immoral activity.

Set 10 24-6-24	Definition	Piece of information	Tuesday - English
1	Hyperbole	Exaggerated statements.	
2	Alliteration	The repetition of consonant sounds.	
3	Assonance	The repetition of vowel sounds.	
4	Fact	Something that is known or proved to be true.	
5	Motif	An idea that is used many times in a piece of writing. A pattern or design.	
6	Colloquial Language	The language of everyday speech.	
7	Prejudice	An unfair and unreasonable feeling or opinion, especially when formed without enough thought or knowledge.	
8	Freedom	The power or right to act, speak, or think as one wants.	
9	Security	The state of being free from danger or threat.	
10	Adverbs	Words used to describe or modify a verb.	

Set 11 1-7-24	Definition	Piece of information
1	Opinion	a view or judgement, not necessarily based on fact.
2	Tricolon	A pattern of using three units of speech in a row.
3	Epizeuxis	repeating the same word with nothing in between.
4	Anaphora	repeating the same word at the start of a sentence or clause.
5	Paranoia	An extreme and unreasonable feeling that other people do not like you or are going to harm or criticise you.
6	Declarative	A declarative sentence simply states a fact and ends with a full stop.
7	Imperative	An imperative sentence is a command or a polite request. It ends with an exclamation mark or a full stop.
8	Evocative	Bringing strong images, memories, or feelings to mind.
9	Perversion	Distortion or corruption of the original course, meaning, or state of something.
10	Corruption (v.)	An infection or contamination.

Set 12 8-7-24	Definition	Piece of information
1	Epistrophe	Repeating the same word at the end of a sentence or clause.
2	Anadiplosis	Repeating the last word of one clause at the start of the next clause.
3	Diacope	Repeating the same word after a brief interruption.
4	Grammar	The whole system and structure of a language or of languages in general.
5	Interrogative	An interrogative sentence asks a question and ends with a question mark.
6	Complex sentence	A complex sentence has an independent clause and at least one dependent clause.
7	Euphemism	A word or phrase used to avoid saying an unpleasant or offensive word.
8	Characterisation	The creation or construction of a fictional character.
9	Naive	(Of a person or action) showing a lack of experience, wisdom, or judgement.
10	Sanctuary	A safe, quiet and peaceful place.

Set 13 15-7-24	Definition	Piece of information	Tuesday - English
1	Atmosphere	The character, feeling, or mood of a place or situation.	
2	Cyclical structure	When a text begins and ends with the same location or idea.	
3	Evaluate	Forming a judgement about how effective something is or has been.	
4	Fatalism	The belief that all events are predetermined and therefore inevitable.	
5	Insubordination	Refusing to obey orders from people in authority.	
6	Fragmented	A small part broken off or separated from something.	
7	Independent Clause	An independent clause is a clause that can stand alone as a sentence.	
8	Idealised	Thinking of or representing someone or something as better than that person or thing really is.	
9	Setting	The place or type of surroundings where something is positioned or where an event takes place.	
10	Anaphora	The repetition of a word or phrase at the beginning of successive clauses.	

Set 1 19/04/23	Piece of information	Definition	Wednesday - Spanish
1	Vivo en España	I live in Spain	
2	Vivo en Inglaterra	I live in England	
3	Me gusta mi pueblo	I like my town	
4	Me encanta mi aldea	I love my village	
5	Para mantenerme en forma	To stay in shape	
6	Juego al fútbol	I play football	
7	Juego al baloncesto	I play basketball	
8	Diría que	I would say that	
9	Soy simpático / simpática	I am nice but	
10	Un poco tímido / tímida	A little bit shy	

Set 2 26/01/23	Piece of information	Definition
1	Antes	Before
2	Me encantaba mi pueblo	I used to love my town
3	Me gustaba mi ciudad	I used to like my city
4	Odiaba mi barrio	I used to hate my neighbourhood
5	Una vez a la semana	Once a week
6	Dos veces a la semana	Twice a week
7	Todos los días	Every day
8	Siempre soy educado/ a	I am always polite
9	Soy bastante hablador/ a	I am quite chatty
10	Soy muy trabajador/a	I am very hard-working (m)

Set 3 3/05/23	Piece of information	Definition
1	Pero ahora	But now
2	Sin embargo	However
3	Creo que	I believe that
4	Pienso que	I think that
5	Desayuno cereales	I have cereals for breakfast
6	Desayuno yogur	I have yogurt for breakfast
7	Bebo zumo de piña	I drink pineapple juice
8	Hay mi hermana gemela	There is my twin sister
9	Mi hermanito	My little brother.
10	Mi hermanastro	My step brother



Set 4 10/05/23	Piece of information	Definition	Wednesday - Spanish
1	Es ruidoso/a	It's noisy	
2	Es poco poblado/a	It's sparsely populated	
3	Es urbano	It's built up	
4	Es animado/a	It's lively	
5	Tomamos tostadas	We have toast	
6	Bebemos café	We drink coffee	
7	Comemos fruta	We eat fruit	
8	Mi padre es gracioso	My dad is funny	
9	Mis hermanos son graciosos.	My brothers are funny	
10	Mis hermanas son graciosas.	My sisters are funny.	

Set 5 17/05/23	Piece of information	Definition
1	Me gustaría vivir	I would like to live
2	Voy a vivir	I am going to live
3	Los países	Countries
4	hispanohablantes	Spanish-speaking
5	Almuerzo sopa	I have soup for lunch
6	Como queso	I eat cheese
7	Tomo pan	I have bread
8	Me parezco a mi madre	I look like my mum
9	Ella tiene el pelo rubio	She has blonde hair
10	Él tiene los ojos verdes	He has green eyes

Set 6 24/05/23	Piece of information	Definition
1	Me despierto	I wake up
2	Me levanto	I get up
3	Me lavo	I wash
4	Me lavo los dientes	I brush my teeth
5	Suelo cenar pescado	I usually have fish for dinner
6	Ceno carne	I have meat for dinner
7	Con arroz	With rice
8	Llevo gafas	I wear glasses
9	No llevo gafas	I don't wear glasses
10	Él tiene una barba	He has a beard

Set 7 7/06/23	Piece of information	Definition	Wednesday - Spanish
1	Me visto	I get dressed	
2	Me acuesto	I go to bed	
3	Voy al insti	I go to school	
4	Me voy a casa	I go home	
5	En mi opinión es delicioso	In my opinion it's delicious	
6	Opino que es rico/a	I think that it's good/delicious	
7	Me parece asqueroso/a	I find it disgusting	
8	Me llevo bien con	I get along well with	
9	Discuto con	I argue with	
10	Me peleo con	I fight/argue with	

Set 8 14/06/23	Piece of information	Definition
1	A la siete	At 7 o'clock
2	A las ocho y cuarto	At quarter past 8
3	A las nueve y media	At half past 9
4	A las diez menos cuarto	At a quarter to 10
5	Bebo mucha agua	I drink lots of water
6	Como mucha fruta	I eat lots of fruit
7	Como verduras	I eat vegetables
8	Para mí	For me
9	Un buen amigo	A good friend (m)
10	Debe ser honesto	Must be honest

Set 9 21/06/23	Piece of information	Definition
1	Mi fiesta favorita es...	My favourite festival/ celebration is...
2	Prefiero Pascua	I prefer Easter
3	Me gusta la Nochevieja	I like New Year's Eve
4	Me encanta la Nochebuena	I love Christmas Eve
5	Hago ejercicio físico	I do exercise
6	Duermo ocho horas	I sleep eight hours
7	Voy al insti a pie	I go to school by foot/ I walk to school
8	Por la tarde	In the evening
9	Uso mi móvil	I use my phone
10	Para ir a las redes sociales	To go on social media

Set 10 28/06/23	Piece of information	Definition	Wednesday - Spanish
1	Abrimos regalos	We open presents	
2	Comemos	We eat	
3	Vamos	We go...	
4	Nos divertimos	We have fun	
5	Voy a beber más agua	I am going to drink more water	
6	Voy a comer menos grasa	I am going to eat less fat	
7	Voy a evitar el estrés	I am going to avoid stress	
8	El fin de semana	At the weekend	
9	Me gusta usar mi tableta	I like to use my tablet	
10	Para descargar música	To download music	

Set 11 5/07/23	Piece of information	Definition
1	Prefiero salir	I prefer to go out / I prefer going out
2	Me gusta celebrar	I like to celebrate / I prefer to celebrate
3	Me encanta ir	I love to go / I love going
4	Voy a decorar	I am going to decorate
5	Es sano/a	It's healthy
6	Es malsano/a	It's unhealthy
7	Es nutritivo/a	It's nutritious
8	Diría que soy deportista	I would say that I'm sporty
9	Quiero ir al cine	I want to go to the cinema
10	Tengo que ayudar en casa	I have to help at home

Set 12 12/07/23	Piece of information	Definition
1	La semana pasada	Last week
2	El año pasado	Last year
3	Ayer	Yesterday
4	Hace dos años	Two years ago
5	Me duele la cabeza	I have a headache / my head hurts
6	Me duele la espalda	I have a bad back / my back hurts
7	Me duele el estómago	I have a stomach ache / my stomach hurts
8	Recientemente	Recently
9	Escuché música	<u>I listened</u> to music
10	Vi la televisión	<u>I watched</u> TV

Set 13 19/07/23	Piece of information	Definition	Wednesday - Spanish
1	Comí	I ate	
2	Bebí	I drank	
3	Salí	I went out	
4	Fui	I went	
5	Tengo calor	I'm hot	
6	Tengo frío	I'm cold	
7	Tengo hambre	I'm hungry	
8	Anoche	Last night	
9	<u>Fui</u> de compras	<u>I</u> went shopping	
10	Fuimos a la ciudad	We went into town	

Set 1 20/04/23	Piece of information	Definition	Thursday - History
1	1948	The year the National Health Service was set up	
2	1947	The year India gained independence from the British empire	
3	3 million	The number of people who died in the Bengal famine during WWII	
4	Mahatma Gandhi	The leader of nonviolent protest for Indian independence from British rule	
5	1939	The year the Second World War started	
6	1945	The year the Second World War ended	
7	USA and Soviet Union	Britain's two main allies in WWII	
8	The Blitz	The German bombing of Britain 1940-1941	
9	Conscript	To force someone to join the army	
10	To evacuate	To remove someone from danger to a place of safety	

Set 1	Piece of information	Definition	Thursday - Geography
1	Hazard risk	The probability or chance that a natural hazard may take place	
2	Natural hazard	A natural event that threatens people or has the potential to cause damage, destruction and death	
3	Global Atmospheric circulation	The worldwide system of winds which transport heat from tropical to polar latitudes	
4	Stable air	Air that has the ability to hold water vapour, thus leading to clear skies	
5	Magnitude	The power (of an earthquake)	
6	Outer Core	Outer layer of the core made up of liquid iron, temperatures of 4500°C	
7	Crust	The outer layer of the earth broken up into tectonic plates	
8	Meltwater	Water released by the melting of snow or ice, including glacial ice	
9	Arable agriculture	Farming that involves the growing of crops	
10	Pastoral agriculture	Farming that involves the rearing of animals	

Set 2 27/04/23	Piece of information	Definition	Thursday - History
1	Slums	Poor quality houses	
2	USA	The country which Britain was heavily in debt to after WWII	
3	Partition	the separation of British India into India, Pakistan, and Bangladesh	
4	Windrush	A ship which brought Jamaican migrants to Britain after WWII	
5	Great Depression	The period of economic problems in the 1930s	
6	Propaganda	Media to make people believe a certain point of view	
7	reparations	Money that Germany had to pay the allies after the First World War	
8	Reichstag	The German parliament	
9	Weimar Republic	The German democratic government 1918-1933	
10	Scapegoat	someone to blame	

Set 2	Piece of information	Definition	Thursday - Geography
1	Unstable air	Air that does not have the ability to hold water vapour, thus leading to cloudy skies and rain	
2	High pressure system	Sinking air which is stable and leads to clear skies	
3	Low pressure system	Rising air which is unstable and lead to cloudy skies and rain	
4	Tropical storm	Areas of intense low pressure which create extremely violent storms over warm oceans	
5	Oceanic crust	Crust that is found underneath the oceans – it is dense, thin and young	
6	Convection currents	Circular movements of the mantle that cause the tectonic plates to move	
7	Mantle	Found underneath the crust, molten liquid with temperatures of 3700°C	
8	Quarrying	The process of removing rock, sand, gravel or other minerals from the ground in order to use them to produce materials for construction	
9	Air pollution	The contamination of the indoor or outdoor environment by any chemical, physical or biological agents	
10	Stakeholders	People who have an interest in a place or issue	

Set 3 4/05/23	Piece of information	Definition	Thursday - History
1	Migrant	A person who moves from one country to another	
2	Refugee	A person fleeing war or diester	
3	Typical	Being similar to everything else	
4	Atypical	Being different to everything else	
5	Synagogue	A Jewish place of worship	
6	Chancellor	the leader of the Reichstag	
7	Fuhrer	Hitler's title as dictator of Germany	
8	Concentration camps	Nazi prisons	
9	to intimidate	To threaten with violence	
10	left-wing	describing political ideas that are communist or socialist	

Set 3	Piece of information	Definition	Thursday - Geography
1	Eye of the storm	The area in the centre of a Tropical storm where the winds are calm	
2	Coriolis Effect	The deflection of the circulation of air due to the spinning of the earth.	
3	Saffir Simpson Scale	The scale that measures the power of Tropical Storm - from 1-5.	
4	Storm surge	Surface winds in the tropical storm create a wave that can cause devastation on land	
5	Destructive plate margin	When an oceanic and continental plate move towards each other and the oceanic subducts under the continental plate	
6	Seismic waves	Earth movement that radiate from the focus of an earthquake	
7	Constructive plate margin	When two oceanic plates move away from each creating earthquakes and shield volcanoes	
8	Carbon footprint	The total greenhouse gas emissions caused by an individual	
9	Economy	How money is made and spent in a country	
10	Consumer	Someone who spends money but also receives it	

Set 4 11/05/23	Piece of information	Definition	Thursday - History
1	Assimilated	Similar to / mixed with the rest of the population	
2	Segregated	Separated from the rest of the population	
3	130,000	The number of Jews living in the Netherlands at the beginning of WWII	
4	3 million	The number of Jews living in Poland at the beginning of WWII	
5	Yiddish	A language used by many Jewish people in Eastern Europe before the Holocaust	
6	right-wing	describing political ideas that are conservative or nationalist	
7	nationalist	Someone who thinks that their country is better than other countries	
8	The Treaty of Versailles	A treaty signed at the end of the First World War in 1918 where Germany accepted the blame for the war and agreed to pay the Triple Entente	
9	The Wall Street Crash	A event in 1929 which led to a world wide economic depression	
10	Democracy	A system of government where leaders are elected	

Set 4	Piece of information	Definition	Thursday - Geography
1	Prediction	Attempts to forecast when and where a natural hazard will strike	
2	Satellite imagery	Photographs received from satellites orbiting the earth to help predict tropical storm	
3	Monitoring	Recording physical changes such as tracking a tropical storm by satellite to help forecast	
4	Planning	Actions taken to enable communities to respond to, and recover from a natural disaster	
5	Fold mountain	Created at a Collision plate margin. The Himalayan and Andean mountains are examples	
6	Syncline	Ridge of rock where the layers are forced downwards at a Collision plate margin	
7	Anticline	Ridge of rock where the layers are forced upwards at a Collision plate margin	
8	Carbon emissions	Emissions stemming from the burning of fossil fuels	
9	Pension	Money you receive from the government or the company you work for when you retire	
10	Primary sector	Jobs that involve the extraction (removal) of raw materials	

Set 5 18/05/23	Piece of information	Definition	Thursday - History
1	Shtetl	A separate community where Jews lived in Eastern Europe	
2	Anti-Semitism	Prejudice against Jewish people	
3	Occupation	A period of being ruled by another country	
4	To occupy	To take control of another country	
5	The SPD	The largest political party in Germany before the First World War, and the party of the first President of the Weimar Republic	
6	Rosa Luxemburg	A communist leader in the Weimar Republic, who was executed by the Freikorps	
7	Ebert	The leader of the SPD, who became the first President of the Weimar Republic	
8	Hindenburg	A popular war hero, who became the President of the Weimar Republic in 1925	
9	The SA	Nazi thugs, who beat up and intimidated Nazi opponents, such as communists	
10	The Spartacists	A communist party in Germany, created by Rosa Luxemburg	

Set 5	Piece of information	Definition	Thursday - Geography
1	Protection	Actions taken before a hazard strikes to reduce its impact such as building design	
2	Evacuation	When people are told to leave their homes and move to a safe place when a hazard is about to hit.	
3	Extreme weather	When a weather event is significantly different from the average or usual weather pattern and is especially severe or unseasonal.	
4	Natural greenhouse effect	A natural process that warms the Earth's surface	
5	Lava	Molten liquid that has reached the earth's surface and been oxygenised.	
6	Lahars (mudflow)	Created when a volcano erupts and the lava melts the snow on the top of the volcano, this mixes with mud and rushes down the hill. Hot or cold	
7	Pyroclastic flow	An avalanche of hot ash and gas that travel at 200km/hr and can be as hot as 700°C	
8	Secondary sector	Jobs where the manufacturing (making) the raw materials into higher value goods	
9	Tertiary sector	Jobs that provide a service or sell something	
10	Quaternary sector	Jobs that involve research and development	

Set 6 25/05/23	Piece of information	Definition	Thursday - History
1	Star of David	A symbol that Jews were forced to wear on their clothing during Nazi rule	
2	Consequences	What happens as a result of something	
3	Nuremberg Laws	Laws which removed the civil rights of German Jews	
4	Civil rights	Your rights to equality and freedom	
5	Auschwitz	The death camp where Lien's parents were murdered	
6	Capitalism	An economic system in which property is owned by individuals for private profit	
7	Communism	An economic system in which all property is owned by the community, rather than by individuals	
8	Bolsheviks	A communist party led by Lenin	
9	Dictator	A leader with complete power	
10	The Purges	The murders of Stalin's rivals during the 1930s	

Set 6	Piece of information	Definition	Thursday - Geography
1	Enhanced greenhouse effect	A man made process whereby humans are adding greenhouse gases to the greenhouse layer making it thickening leading to greater heating of the Earth's surface	
2	Solar output	Sun spots on the surface of the sun can increase overall average temperature of the sun leading to this natural cause of climate change	
3	Orbital theory	The orbit of the Earth can change in different ways leading to less or more heat reaching the Earth.	
4	Elliptical orbit	The oval shape of the orbit of the Earth	
5	Volcanic ash	Consists of fragments of rock, mineral crystals, and volcanic glass and collapse a roof or long-term lung issues	
6	Pangea	A supercontinent made up of all the world's present land masses joined together 200 million years ago.	
7	Collision plate margin	When two continental plates move towards each other and crumple up	
8	Globalisation	The increasing links between countries around the world as a result of the movement of goods, people and money	
9	Political	Relating to the government or public affairs of a country	
10	Economic	Relating to money, employment, taxes and trade	



Set 7 8/06/23	Piece of information	Definition	Thursday - History
1	Ghetto	A small area of the city where Jews were forced to live in Poland	
2	La Milice	An organisation that helped the Nazis persecute Jews in France	
3	Denmark	The country which helped smuggle its Jewish population to safety in Sweden	
4	Warsaw Ghetto Uprising	The largest Jewish uprising against the Nazis during WWII	
5	Partisans	Fighting units of Jewish people who attacked Nazi soldiers	
6	Industrialisation	The process of becoming industrial, usually moving from an agricultural society to an industrial society	
7	sepoys	Indian soldiers who fought for Britain	
8	British Raj	India under British control	
9	Independence	Freedom from an empire	
10	satyagraha	a form of peaceful protest led by Gandhi	

Set 1 15-4-24	Piece of information	Definition	Music
1	Chord	Two or more notes played at the same time	
2	Chord sequence	A pattern or an order of chords that is repeated in a song	
3	Major	A chord or key with a positive sound	
4	Minor	A chord or key with a negative sound	
5	Dynamics	The volume	
6	Sonority	The character or quality of the sound	
7	Programme Music	Music that tells a story	
8	Tonality	The key the music belongs in	
9	Structure	The way a piece of music is built e.g. verse, chorus, intro, outro	
10	Texture	The layers of the music	

Set 1 15-4-24	Piece of information	Definition	Computing
1	Key controlled movement	You can make the sprite move in a set direction with the keyboard	
2	Clone	Repeatedly allow the same sprite to appear over time	
3	Debugging	Removing errors in a program	
4	Variable	Holds one piece of data at a time	
5	Collision detection	When two objects touch each other	
6	Audience	A group of people watching or listening at a public event such as a play, film or concert.	
7	Target audience	The specific group of people the event was made for.	
8	Stereotype	A set of characteristics that a lot of people believe represent a particular type of person or thing.	
9	Convention	An accepted way of doing something.	
10	Code	Something that is implied through the convention	

Set 2 22-4-24	Piece of information	Definition	R.E.
1	Afterlife	Beliefs about what happens to 'us' after our body has died; in many religions this relates to life after death or immortality in some form.	
2	Sanctity of life	Belief that life is sacred/special because it was created by God, or because we are each unique individuals.	
3	Awe	Sense of wonderment at nature	
4	Big Bang Theory	Scientific theory about the origins of the universe; belief that the universe began almost 14 billion years ago with a reaction of particles from a singularity followed by a process of inflation and expansion.	
5	Death	The end of the physical, bodily life	
6	Dominion	Belief that humans have been given control/charge of the world.	
7	Theory of evolution	Scientific theory of the development of species which involves a process of natural selection and survival of the fittest.	
8	Stewardship	Duty given by God to humankind to look after the created world, and all life within it.	
9	Genesis	The first book of the bible	
10	Evil	A cause of suffering; the moral opposite of good. Believed by some to be contrary to the will of God.	

Set 2 22-4-24	Piece of information	Definition	P.E.
1	Flexibility	Activities requiring a wide range of movement around a joint.	
2	Body Composition	The ratio of fat to fat free mass such as muscle.	
3	Muscular Strength	Activities requiring force.	
4	Reaction Time	The time taken to react to a stimulus.	
5	Balance	An activity requiring the control of the distribution of weight to remain upright and steady.	
6	Maximum Heart Rate	220 - your age.	
7	Cardiovascular System	Consists of your heart and blood vessels.	
8	Muscular System	The organ system consisting of the skeletal, smooth, and cardiac muscle.	
9	Respiratory System	The organs and other parts of your body involved in breathing, when you exchange oxygen and carbon dioxide.	
10	Gamesmanship	When players may bend the rules and use questionable methods to gain an advantage.	

Set 3 29-4-24	Piece of information	Definition	Technology
1	System	A number of pieces working together to fulfil a complete function	
2	Output	The part of a circuit that acts, eg lights up or makes a sound	
3	Input	The place where a force enters a system.	
4	Component	A part that when put together makes a product.	
5	Output device	A device used to output data or information from a computer, eg a monitor, printer or speakers.	
6	Aesthetics	What an object looks like; the colour, shape, texture, pattern, appearance.	
7	Circuit board	A copper sheet used to attach electrical components.	
8	Flowchart	A diagram that shows the step-by-step flow of an algorithm.	
9	Algorithm	A sequence of instructions that a computer must perform	
10	Processor	The electronic component within a computer that acts upon the instructions of a computer program.	

Set 3 29-4-24	Piece of information	Definition	Drama
1	What if	Acting technique to improve naturalistic acting	
2	Paper Birds	A devising theatre company from the UK	
3	Live Theatre Evaluation	Analysing the intention and effect of actors choices	
4	Musical Theatre	A genre of drama which song and dance play an essential part	
5	Movement Quality	The way your movement looks, i.e. soft/ sharp/ fast	
6	Use of breath	The use of (of absence of) breath in performance	
7	Antonin Artaud	The practitioner known for 'Theatre of Cruelty'	
8	Frantic Assembly	A physical theatre company	
9	Devising	Creating theatre	
10	Stimulus	A starting point for ideas	

Set 4 6-5-24	Piece of information	Definition	Art
1	Artist analysis	A detailed examination of an artists work	
2	Artist influence	The themes, ideas and works that influence an artists creativity	
3	Process	A set of steps or rules to follow when using a type of media	
4	Collage	A piece of art made by using various materials such as paper, arranged and stuck down on a surface	
5	Composition	the way in which different elements of an artwork are combined, arranged and laid out	
6	Tonal shading	Use light and dark to create a sense of three dimensions	
7	Mark Making	Techniques we use use to create tone and texture when drawing	
8	Design ideas	Generating ideas for a piece of art	
9	Contrast	Having both dark and light areas in a drawing	
10	Symmetry	Exact pattern on either side of a dividing line, plane, centre, or axis	

Set 4 6-5-24	Piece of information	Definition	Music
1	Texture	The layers in the music	
2	Strumming pattern	The rhythm in which you strum the strings	
3	Picking pattern	A pattern of different strings and frets that you pick instead of strum	
4	Dynamics	The volume	
5	Sonority	The character or quality of the sound	
6	Programme Music	Music that tells a story	
7	Tonality	The key the music belongs in	
8	Structure	The way a piece of music is built e.g. verse, chorus, intro, outro	
9	Major	A chord or key with a positive sound	
10	Minor	A chord or key with a negative sound	

Set 5 13-5-24	Piece of information	Definition	Computing
1	Processing	Software where you can write code to get the computer to draw shapes	
2	rect	First word to draw a rectangle	
3	ellipse	First word to draw a circle	
4	Geometric art	Mathematical shapes that have straight lines, angles and curves	
5	RGB	A colour system that is represented by three colours	
6	Network	Two or more devices connected together.	
7	Hacker	Someone who tries to break into computer systems, in order to get personal, business or financial information.	
8	White hat	Try to break into a computer system to find weaknesses in security.	
9	Black hat	Someone who tries to break into computer systems, in order to get information.	
10	Hacktivist	Someone who tries to break into computer systems with good intentions, for politically or socially motivated purposes.	

Set 5 13-5-24	Piece of information	Definition	Technology
1	System	A number of pieces working together to fulfil a complete function	
2	Output	The part of a circuit that acts, eg lights up or makes a sound	
3	Input	The place where a force enters a system.	
4	Component	A part that when put together makes a product.	
5	Output device	A device used to output data or information from a computer, eg a monitor, printer or speakers.	
6	Aesthetics	What an object looks like; the colour, shape, texture, pattern, appearance.	
7	Circuit board	A copper sheet used to attach electrical components.	
8	Flowchart	A diagram that shows the step-by-step flow of an algorithm.	
9	Algorithm	A sequence of instructions that a computer must perform	
10	Processor	The electronic component within a computer that acts upon the instructions of a computer program.	

Set 6 20-5-24	Piece of information	Definition	R.E
1	Transcendent	The idea that God is beyond and outside life	
2	theist	a person who believes in God	
3	atheist	a person who believes there is no God	
4	agnostic	someone who thinks there is not enough evidence to believe in God	
5	Creation	The act by which God brought the universe into being	
6	Universe	All of time and space and all its content	
7	Miracle	A seemingly impossible event	
8	Proof	Evidence that supports the truth of something	
9	Faith	A commitment to something that goes beyond faith and science	
10	Immanent	The idea that God is present in and involved with life on earth	

Set 6 20-5-24	Piece of information	Definition	P.E.
1	Cardiac Hypertrophy	The thickening of the heart muscle.	
2	Muscular Hypertrophy	Increase in muscle mass.	
3	Capillarisation	Increase in red blood cells.	
4	Intrinsic Motivation	Doing an activity for internal satisfaction.	
5	Extrinsic Motivation	Doing an activity for the external rewards.	
6	Ligaments	Attaches bone to bone.	
7	Tendons	Attaches muscle to bone.	
8	Lactic Acid	Produced in the muscles during strenuous exercise.	
9	Increased Bone Density	When our bones increase in size and strength.	
10	Increased Muscle Tone	When our muscles increase in size and strength.	

Set 7 3-6-24	Piece of information	Definition	Music
1	Chord	Two or more notes played at the same time	
2	Chord sequence	A pattern or an order of chords that is repeated in a song	
3	Major	A chord or key with a positive sound	
4	Minor	A chord or key with a negative sound	
5	Dynamics	The volume	
6	Sonority	The character or quality of the sound	
7	Programme Music	Music that tells a story	
8	Tonality	The key the music belongs in	
9	Structure	The way a piece of music is built e.g. verse, chorus, intro, outro	
10	Texture	The layers of the music	

Set 7 3-6-24	Piece of information	Definition	Computing
1	Key controlled movement	You can make the sprite move in a set direction with the keyboard	
2	Clone	Repeatedly allow the same sprite to appear over time	
3	Debugging	Removing errors in a program	
4	Variable	Holds one piece of data at a time	
5	Collision detection	When two objects touch each other	
6	Audience	A group of people watching or listening at a public event such as a play, film or concert.	
7	Target audience	The specific group of people the event was made for.	
8	Stereotype	A set of characteristics that a lot of people believe represent a particular type of person or thing.	
9	Convention	An accepted way of doing something.	
10	Code	Something that is implied through the convention	

Set 8 10-5-24	Piece of information	Definition	R.E.
1	Afterlife	Beliefs about what happens to 'us' after our body has died; in many religions this relates to life after death or immortality in some form.	
2	Sanctity of life	Belief that life is sacred/special because it was created by God, or because we are each unique individuals.	
3	Awe	Sense of wonderment at nature	
4	Big Bang Theory	Scientific theory about the origins of the universe; belief that the universe began almost 14 billion years ago with a reaction of particles from a singularity followed by a process of inflation and expansion.	
5	Death	The end of the physical, bodily life	
6	Dominion	Belief that humans have been given control/charge of the world.	
7	Theory of evolution	Scientific theory of the development of species which involves a process of natural selection and survival of the fittest.	
8	Stewardship	Duty given by God to humankind to look after the created world, and all life within it.	
9	Genesis	The first book of the bible	
10	Evil	A cause of suffering; the moral opposite of good. Believed by some to be contrary to the will of God.	

Set 8 10-5-24	Piece of information	Definition	P.E.
1	Flexibility	Activities requiring a wide range of movement around a joint.	
2	Body Composition	The ratio of fat to fat free mass such as muscle.	
3	Muscular Strength	Activities requiring force.	
4	Reaction Time	The time taken to react to a stimulus.	
5	Balance	An activity requiring the control of the distribution of weight to remain upright and steady.	
6	Maximum Heart Rate	220 - your age.	
7	Cardiovascular System	Consists of your heart and blood vessels.	
8	Muscular System	The organ system consisting of the skeletal, smooth, and cardiac muscle.	
9	Respiratory System	The organs and other parts of your body involved in breathing, when you exchange oxygen and carbon dioxide.	
10	Gamesmanship	When players may bend the rules and use questionable methods to gain an advantage.	

Set 9 17-6-24	Piece of information	Definition	Technology
1	System	A number of pieces working together to fulfil a complete function	
2	Output	The part of a circuit that acts, eg lights up or makes a sound	
3	Input	The place where a force enters a system.	
4	Component	A part that when put together makes a product.	
5	Output device	A device used to output data or information from a computer, eg a monitor, printer or speakers.	
6	Aesthetics	What an object looks like; the colour, shape, texture, pattern, appearance.	
7	Circuit board	A copper sheet used to attach electrical components.	
8	Flowchart	A diagram that shows the step-by-step flow of an algorithm.	
9	Algorithm	A sequence of instructions that a computer must perform	
10	Processor	The electronic component within a computer that acts upon the instructions of a computer program.	

Set 9 17-6-24	Piece of information	Definition	PSHE
1	Democracy	Group decisions taken by a vote	
2	Rule of Law	Knowing the importance of having and following rules in college	
3	Tolerance	Celebrating and respecting different faiths and beliefs	
4	Mutual Respect	Treating each other equally and fairly	
5	Individual Liberty	The ability to make choices but also to respect others' choices	
6	Identity	The things that contribute to make someone who they are	
7	Online Identity	How you present yourself online through social media	
8	Unique	Being the only one of its kind; unlike anything else	
9	Peer Pressure	Influence from members of one's peer group	
10	Group Belonging	This is where we feel we are part of a group	

Set 10 24-6-24	Piece of information	Definition	Drama
1	What if	Acting technique to improve naturalistic acting	
2	Paper Birds	A devising theatre company from the UK	
3	Live Theatre Evaluation	Analysing the intention and effect of actors choices	
4	Musical Theatre	A genre of drama which song and dance play an essential part	
5	Movement Quality	The way your movement looks, i.e. soft/ sharp/ fast	
6	Use of breath	The use of (of absence of) breath in performance	
7	Antonin Artaud	The practitioner known for 'Theatre of Cruelty'	
8	Frantic Assembly	A physical theatre company	
9	Devising	Creating theatre	
10	Stimulus	A starting point for ideas	

Set 10 24-6-24	Piece of information	Definition	PSHE
1	Stereotype	When people have a set idea about what someone or something is like	
2	Prejudice	An opinion that is not based on reason or actual experience	
3	Discrimination	The unjust treatment of people on the grounds of a difference e.g. race, age or gender	
4	The Protected Characteristics	Age, Transsexuals, Married/Civil partnership, Being pregnant, Disability, Race, Religion, Sex (gender), Sexual orientation	
5	Bystander	Someone who is around, not involved in bullying but know it's going on and or sees it happening	
6	Upstander	Someone who helps the person being bullied. This might be by reporting it or offering to help	
7	Assertive	Having or showing a confident and forceful personality	
8	Aggressive	Using anger and intimidation to assert control	
9	Passive	Using submissive actions and language to avoid confrontation	
10	Consent	Freely giving permission for something to happen	

Set 11 1-7-24	Piece of information	Definition	Art
1	Artist analysis	A detailed examination of an artists work	
2	Artist influence	The themes, ideas and works that influence an artists creativity	
3	Process	A set of steps or rules to follow when using a type of media	
4	Collage	A piece of art made by using various materials such as paper, arranged and stuck down on a surface	
5	Composition	the way in which different elements of an artwork are combined, arranged and laid out	
6	Tonal shading	Use light and dark to create a sense of three dimensions	
7	Mark Making	Techniques we use use to create tone and texture when drawing	
8	Design ideas	Generating ideas for a piece of art	
9	Contrast	Having both dark and light areas in a drawing	
10	Symmetry	Exact pattern on either side of a dividing line, plane, centre, or axis	



Set 11 1-7-24	Piece of information	Definition	PSHE
1	Mental health	A person's condition with regard to their psychological and emotional well-being	
2	Mental illness	A condition which causes serious disorder in a person's behaviour or thinking	
3	Grooming	When someone builds an emotional connection with a child to gain their trust for the purpose of sexual abuse, sexual exploitation or trafficking	
4	Radicalisation	The process of causing someone to adopt extreme positions on political or social issues	
5	Extremism	The holding of extreme political or religious views	
6	Terrorism	The unlawful use of violence and intimidation, especially against civilians, in the pursuit of political aims.	
7	British Values	Values that underpin what it is to be a British citizen in a modern and diverse Britain	
8	Left-wing	The political party or system that advocates greater social and economic equality	
9	Right-wing	The political party or system that advocates free enterprise and private ownership	
10	Anarchist	A person who promotes no laws	

Set 12 8-7-24	Piece of information	Definition	Music
1	Texture	The layers in the music	
2	Strumming pattern	The rhythm in which you strum the strings	
3	Picking pattern	A pattern of different strings and frets that you pick instead of strum	
4	Dynamics	The volume	
5	Sonority	The character or quality of the sound	
6	Programme Music	Music that tells a story	
7	Tonality	The key the music belongs in	
8	Structure	The way a piece of music is built e.g. verse, chorus, intro, outro	
9	Major	A chord or key with a positive sound	
10	Minor	A chord or key with a negative sound	

Set 12 8-7-24	Piece of information	Definition	PSHE
1	Fake News	False or misleading information presented as news	
2	Fact	Aa thing that is known or proved to be true	
3	Opinion	A view or judgement formed about something, not based on fact or knowledge	
4	Coercive control	An act or a pattern of acts that is used to harm, punish, or frighten their victim	
5	Direct discrimination	When you're treated differently and worse than someone else for certain reasons	
6	Indirect discrimination	When a policy is applied in the same way for everybody but disadvantages a group of people who share a protected characteristic	
7	Harassment	Aggressive pressure or intimidation	
8	Victimisation	Treating someone badly because they are going to make a claim or complaint about discrimination	
9	LGBTQ+	Lesbian, gay, bisexual, transgender, questioning	
10	Civil law	A dispute between two people	

Set 13 15-7-24	Piece of information	Definition	Computing
1	Processing	Software where you can write code to get the computer to draw shapes	
2	rect	First word to draw a rectangle	
3	ellipse	First word to draw a circle	
4	Geometric art	Mathematical shapes that have straight lines, angles and curves	
5	RGB	A colour system that is represented by three colours	
6	Network	Two or more devices connected together.	
7	Hacker	Someone who tries to break into computer systems, in order to get personal, business or financial information.	
8	White hat	Try to break into a computer system to find weaknesses in security.	
9	Black hat	Someone who tries to break into computer systems, in order to get information.	
10	Hackivist	Someone who tries to break into computer systems with good intentions, for politically or socially motivated purposes.	

Set 13 15-7-24	Piece of information	Definition	PSHE
1	Democracy	Group decisions taken by a vote	
2	Rule of Law	Knowing the importance of having and following rules in college	
3	Tolerance	Celebrating and respecting different faiths and beliefs	
4	Mutual Respect	Treating each other equally and fairly	
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