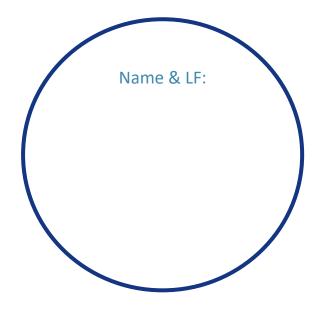
Year 8

Booklet 2 Knowledge Organiser 2022/2023

Independent Study







Cabot Learning Federation

How to do your independent study

For all subjects except Maths, Knowledge Organisers are used for IS tasks. You will have five pieces of I.S due every week, which will be checked by your teacher of the subject due. You can attend IS club at 3pm in the Art Barn to get your IS done or complete it at home.

- 1. Check the IS schedule for the week so that you can see which Knowledge Organisers you need to be learning and what the deadline date is.
- 2. Carefully study the sections of the Knowledge Organiser that you are learning.
- 3. Write between 10 and 20 self-quizzing questions, a detailed mind-map or flash card style notes using the whole page.
- 4. Write your IS in your IS book. Put the deadline date at the top of the page, so that you can clearly see when the work will be checked.
- 5. On the next page there's some guidance on how to revise using your Knowledge Organisers.

	Contents:
Page Number	
1	Using SIMs
2	Revision Techniques
3	Using Your Knowledge Organiser
4	Maths
5-12	English
13-17	Science
18-22	Computing
23-25	Drama
26	Art
27-29	Music
30-32	DT
33-38	History
39-41	Geography
42-43	RE
44-47	French
48-51	Spanish
52-53	PE
54	Space and Careers
55-57	Hand in Schedule

Examples of Good IS:

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Monday 112 arbour

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- 3. What three things note up the SEE aspects? The three aspects are Sacial Economic and Courseworks
- 4. What doe these these these thread mean? Social about Perfered boundary, Economic -walked may weat Environmental-instant the reduced worth and had we aggret t
- 5. What so the dynamical between and other time and a far at anal anal? A urban were in people income writing due together, read areas are upon anone with not many times.
- 6. There are two trapes, yo good cography Pigs and and human what is the dygenne between them? That genne is Physical looks at natural theys is an oniversal and human looks at least, phases and relatively?
-) the many zone are there in land use in waity? There are 5 zones and they we by block A to ε
- S what we be zone closer to the city wher called? These zone are zone doe cannot busines district withis the anthrop the bus with stops and oppositions and not many pupple (in that,, Zone B the innersity with used to be suchars and format correct bases not g these are now chosed and not used.

Using SIMS

Each week, further instructions to help you complete your IS will be set in SIMS.

All five pieces of IS for the following week are summarised on one pdf. Further instructions from your subject teachers may be added separately.

You can log into SIMS by downloading the app to your phone or through the tiles on the CLF Navigator in school or at home.







Top Tip:

Always click on the Microsoft icon to log into SIMS.

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יאיי אסי				Geography		ng the clues and your knowledge organisers to ssword stuck in your IS books from your last

For support using SIMS check the guides on the HPA website or email <u>simsstudentapp@hpa.clf.uk</u>

Revision Techniques

Flash Cards

Great for revising key terms and remembering definitions, dates, facts etc.

Split the page of your I.S textbook into four using a ruler or use flash cards which you can collect from the LRC and keep in your I.S folder.

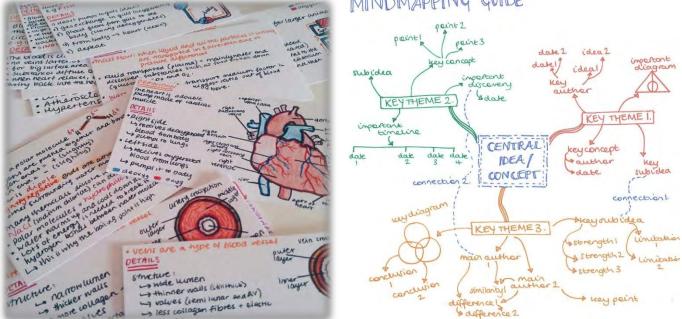
Make brief notes on the information in the knowledge organiser, use colour coding and diagrams where you can to highlight key information.

Mind Map

Great for revising if you are a visual learner, allowing you to select and link key information.

Use a full page to add as much detail as you can to your mind map, starting with a key concept or topic at the centre. Use the knowledge organisers and your own ideas.

You can use colour coding, diagrams and connections to support your learning.



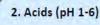
Self-quizzing Questions

Here is a section of a Science Knowledge Organiser. You could test your grasp of this knowledge by asking yourself,

"What ions are found in acids? Acids contain hydrogen ions."

"What does corrosive mean? A corrosive acid can destroy skin cells and cause burns."

These are examples of self-quizzing questions. Write 10-20 self-quizzing questions and answers based on the subject knowledge organiser and focusing on the areas where you need to strengthen your knowledge.





- Acids are a family of chemicals, examples are lemon juice, vinegar and Coca Cola. There is also acid in our stomach.
- Acids contain Hydrogen (H+) ions.
- Strong acids like hydrochloric acid are very corrosive this means they destroy skin cells and cause burns.
- Weak acids like vinegar are safe to eat but are still irritant to sensitive parts of the body.

MINDMAPPING GUIDE

How else can I use my Knowledge Organiser?



The Knowledge Organisers in this booklet will help you learn a wide range of knowledge to prepare you for your lessons as well as the multiple-choice tests at the end of this block of learning.

To get the most out of your Knowledge Organisers, you should be learning sections and then testing yourself. There will be set tasks each week based on the Knowledge Organisers, and there are some optional ideas below that you could try in addition to this if you wish.

Key vocabulary:

- Highlight key terms for a subject and look up the definitions
- Write a sentence using the key terms you have highlighted
- Practice spellings cover, write and check to learn the correct spellings of key terms

Quizzes/questions:

- Write some self-quizzing questions based on the information read
- Test your friends and family on their knowledge of a subject
- Get your parents/carers to ask you some questions
- Create exam style questions and then swap with a friend

Reflection:

- Before a topic rank order your confidence and then revisit at the end of the topic, rank again and consider where you have improved
- Add more detail to the Knowledge Organiser after you have been taught that topic
- Traffic light (red, amber, green) each box based on how confident you are

Revision:

- Create 2-3 flashcards each week based on each box
- Create a mind map showing the key information from the Knowledge Organiser
- Read ahead to develop skills, knowledge and understanding so you feel more confident before lessons

General use:

- 50 words, 30 words, 10 words summarise the information on the Knowledge Organiser from 50 words to 30 words to 10 words
- Pictionary learn the definitions then draw it for your friends/family to guess
- Elevator pitch summarise the information in a box/whole Knowledge Organiser for a 30 second presentation
- Generation game like the famous conveyor belt look at the Knowledge Organiser and then try to remember as many items as possible
- Key term stories write a short story using 6 key words that are found on the Knowledge Organiser
- Scavenger hunt read through the Knowledge Organiser with a friend/family member and see who can find specific information/facts first
- Read, cover, check read the box, write out what you can remember, check what you have missed (then add in purple pen)

"Education is the passport to the future, for tomorrow belongs to those who prepare for it today. "

Malcolm X

"Success is no accident. It is hard work, perseverance, learning, studying, sacrifice and most of all, love of what you are doing or learning to do. "

Pele

"Sticking to good habits can be hard work, and mistakes are part of the process. Don't declare failure simply because you messed up or because you're having trouble reaching your goals. Instead, use your mistakes as opportunities to grow stronger and become better."

Amy Morin

Hans Price Maths Department

All Independent Study in the Maths department is set using the following online platforms



You need to log in to your SPARX account, where there are 3 types of homework:

- Compulsory
 - XP Boost
 - Target

Every student needs to get **100%** of their compulsory homework completed every week. Students need to write out the bookwork codes of each of the questions in their homework book and complete the bookwork checks online.

XP boost and Target sections are additional resources that the students can complete if they wish. They will support the students to make greater progress in Maths, but do not form part of the compulsory Independent Study.

If students get stuck on any question, they should watch the associated video to help them complete the task.

We also subscribe to Times Tables Rock Stars. We encourage students to engage with this program to ensure their foundation of knowledge is solid. We will run College competitions and award prizes to those students with the most coins.



Hons Price

These homework platforms are designed to consolidate your knowledge, and students at KS3 can expect this to take up to 1 hour per week.

English I.S

Your task each week is to prove you understand the meaning of the 5 words. It is important that when you read a text in front of you, you are able to pick up the language when reading through the text.

To achieve a *High Expectations* achievement point you need to:

- Create two different sentences showing your understanding of each word. E.G.: Conflict:
- 1. Conflict is shown in *A View From the Bridge* in the characters of Prospero and Caliban.
- 2. In *The Landlady*, Billy is conflicted about going into the B and B but then something makes him.

N.B.: You can change the tense of your word to suit your sentences - you just need to make sure you are spelling it correctly and using the correct context. For example: absolve - absolving - absolved.

To achieve a second achievement point you need to show you are <u>Ambitious</u>. To achieve this, you need to:

- Create a short story including all the 5 words.
- Create flashcards which display the words, their definitions and a picture which represents their meaning.



Due Date	Word	Definition
Week 1	Allegory	A story, poem, or picture that can be interpreted to reveal a hidden meaning, typically a moral or political one.
	Symbolism	The use of symbols to represent ideas or qualities.
	Foreshadowing	Be a warning or indication of (a future event).
	Juxtaposition	The fact of two things being seen or placed close together with <u>contrasting</u> effect.
	Irony	
		A literary technique, originally used in Greek <u>tragedy</u> , by which the full significance of a character's words or actions is clear to the audience or reader although unknown to the character.
Week 2	Dialogue	A conversation between two or more people as a feature of a book, play, or film.
	Monologue	A long speech by one actor in a play or film, or as part of a <u>theatrical</u> or broadcast programme.
	Prologue	A separate <u>introductory</u> section of a literary, dramatic, or musical work.
	Satire	The use of humour, irony, <u>exaggeration</u> , or ridicule to expose and <u>criticize</u> people's <u>stupidity</u> or vices, particularly in the context of contemporary politics and other topical issues.
	Characterisation	The creation or construction of a fictional character.

Semantic field	A set of words related to each other
Allusion	An expression designed to call something to mind without <u>mentioning</u> it explicitly; an indirect or passing reference.
Analysis	Detailed examination of the elements or structure of something.
Rhetoric	The art of persuasion
Stanza	A paragraph in poetry
Dystopia	An imagined terrible place
Utopia	An imagined perfect place
Propaganda	Information, especially of a <u>biased</u> or misleading nature, used to promote a political cause or point of view.
Conflict	A serious disagreement or argument, typically a <u>protracted</u> one.
Democracy	A system of government by the whole population or all the eligible members of a state, typically through elected representatives.
	Allusion Analysis Rhetoric Stanza Dystopia Utopia Propaganda Conflict

Week 5	Sonnets	A poem of <u>fourteen</u> lines using any of a number of formal <u>rhyme</u> schemes, in English typically having ten <u>syllables</u> per line.
	Soliloquy	An act of speaking one's thoughts <u>aloud</u> when by <u>oneself</u> or regardless of any <u>hearers</u> , especially by a character in a play.
	Adverbial	A word or phrase that tells you when, where or how something happened.
	Connectives	A word or phrase to link clauses.
	Discourse markers (Use an example not the actual word)	A word that attempts to organise writing (e.g. firstly, and then)
Week 6	Unrequited	A feeling that is not returned (esp of love)
	Tragedy	A play dealing with <u>tragic</u> events and having an <u>unhappy</u> ending, especially one concerning the <u>downfall</u> of the main character.
	Honour	High respect; great <u>esteem</u> .
	Patriarchy	A system of society or government in which the father or <u>eldest</u> male is head of the family and <u>descent</u> is <u>reckoned</u> through the male line.
	Feud	A <u>prolonged</u> and <u>bitter guarrel</u> or dispute.
Week 7	Paternal	Of or appropriate to a father.
	Maternal	Of or appropriate to a mother
	Tyrant	A cruel and oppressive ruler.

	Archatura	A very typical example of a certain person or thing.
	Archetype	A spoken or written account of connected events; a story.
	Narrative	
Week 8	Inference	A conclusion reached on the basis of evidence and reasoning.
	Sensory Language	Using the senses in your writing.
	(write examples of this)	
	l moonen.	
	Imagery	Visually <u>descriptive</u> or <u>figurative</u> language, especially in a literary work.
	Plot	The main events of a play, novel, film, or similar work, <u>devised</u> and presented by the writer as an <u>interrelated</u> sequence.
	Setting	The place or type of surroundings where something is positioned or where an event takes place.
Week 9	Imperative	An order – or something of utmost importance.
	Implicit	Suggested but not directly expressed.
	Explicit	Directly expressed.
	Personify	To give something human qualities.
	Connotation	An idea beyond the original meaning.

Week 10	Characteristics	A feature or quality belonging to a person, place or thing.
	Victim	A person harmed, injured or killed as a result of a crime or accident.
	Villain	A character whose evil actions or motives are important in a story.
	Imperialism	Extending power and influence over another country/territory.
	Wealth	A quantity of valuable possessions or money.
Week 11	Symbolism	When a thing or image represents an idea or concept.
	Motif	A literary technique that consists of a repeated element that recurs throughout the text.
	Misogyny	Hate or hostility towards women.
	Feminism	The advocacy of women's rights on the ground of quality of gender.
	Verb	A word or phase that describes an action, condition or experience.
Week 12	Advocate	To publicly support or suggest an idea, development or way of doing something.
	Anticipate	To imagine or expect that something will happen.
	Stereotype	A widely held but fixed image or idea of a particular type of person or thing.
	Mercy	Compassion or forgiveness shown towards someone.
	Forgiveness	The action of forgiving or being forgiven.

Week 13	Tyrannical	Showing power in a cruel way.
	Sublime	Of great excellence or beauty.
	Uncanny	Strange, mysterious, unsettling.
	Convention	The way in which something is usually done.
	Corruption	<u>Dishonest</u> or <u>fraudulent</u> conduct by those in power, typically involving <u>bribery</u> .
Week 14	Irreproachable	Beyond criticism – perfect – faultless.
	Modest	Under playing one's abilities.
	Novice	New
	Ethical	Relating to moral decisions and ideas.
	Incredulous	Unbelievable.
Week 15	1.	
	2.	
	3.	
	4.	
	5.	
Week 16	1.	
	2.	
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	4.	
	5.	

Week 17	1.	
	2.	
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	5.	
Week 18	1.	
	2.	
	3.	
	4.	
	5.	
Week 19	1.	
	2.	
	3.	
	4.	
	5.	

1. Variation

This means that no two members of a species are identical. The individual members of a species also have differences Different species have very different characteristics from The differences in characteristics between individuals of each other. For example, dogs have tails and humans do in characteristics. For example, humans have different Humans, dogs and goldfish are examples of species. coloured eyes, and dogs have different length tails. not. Dogs have fur, but goldfish have scales. the same species is called variation.

4. Evolution of Species

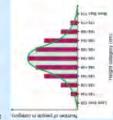
and examples include eye colour, sex and ability to roll your via genes, during reproduction. This is inherited variation Some variation is passed on from parents to offspring, tongue.

environmental factors and examples include your weight and culture and climate you live in. This is called environmental variation and examples include your language and religion. surroundings, or what an individual does such as lifestyle, Some variation is caused by a mixture of both genes and Some variation is the result of differences in the height.

2. Continuous Variation

ranges from that of the shortest person in the world to that of the tallest person. Any height is possible between these Human height is an example of continuous variation. It values. So it is continuous variation. For any species a characteristic

range of values shows continuous that changes gradually over a weight. This shape of graph is characteristics are height and variation. Examples of such typical of a feature with continuous variation.



KS3 Science

Hans Price

Evolution

GHansPriceSci ReadyToLearnWPA

3. Discontinuous Variation

possible (A, B, AB or O). There are no values in between, so of possible values shows discontinuous variation. Human A characteristic of any species with only a limited number the ABO blood group system, only four blood groups are blood group is an example of discontinuous variation. In group, sex (male or female) and Here are some examples blood this is discontinuous variation. eye colour.

5. Natural Selection

they would be vulnerable to the same diseases. If this were If all the individuals of a species were genetically identical the case a single disease could wipe out an entire species! These individuals are more likely to survive. This is called As a result of their genes, some individuals of a species might have better camouflage, or be able to run faster the survival of the fittest.

parents. This is how species change desirable characteristics of their offspring are likely to have the The members of a species that survive may reproduce. Their in evolution.



6. Extinction

Changes in the environment may leave individuals less well of the changes in the environment that can cause a species food, water and mates. Sometimes an entire species may These problems can lead to extinction. Examples of some become unable to compete successfully and reproduce. adapted to compete successfully for resources such as to become extinct are a new disease, new predator, extinct include the dodo, dinosaurs and Examples of species that have become climate change or competition from another species for the resources.



the West African Black Rhinoceros.

7. Biodiversity

several reasons, including: the number of available habitats falls below a critical level or if the population of the species An endangered species is at risk of becoming extinct. For example, the panda and gorilla are endangered and may become extinct. A species can become endangered for falls below a critical level.

conserve the variety of living organisms on Earth. Not only endangered species, but it also reduces impact on food Biodiversity means having as wide a range of different species in an ecosystem as possible. It is important to do we have moral and cultural reasons for conserving chains and webs and protects our future food supply.

8. Conservation Measures

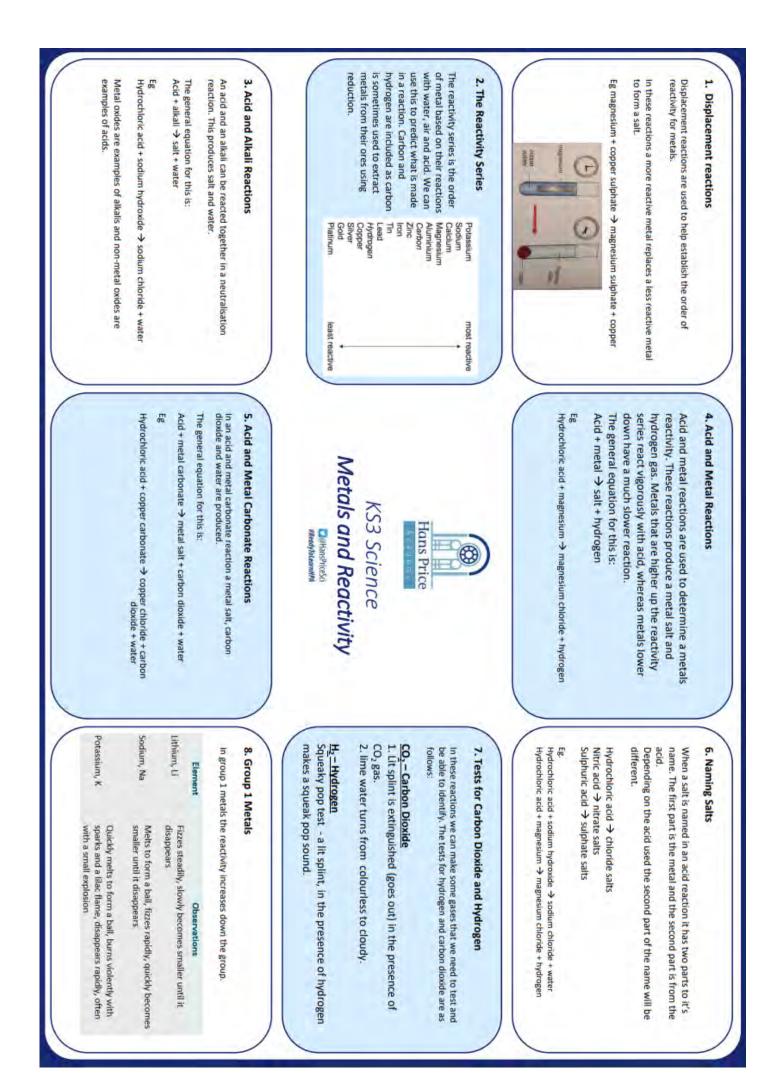
skylark, red squirrel and grass snake. They could be helped Some species in Britain are endangered, including the by conservation measures such as:

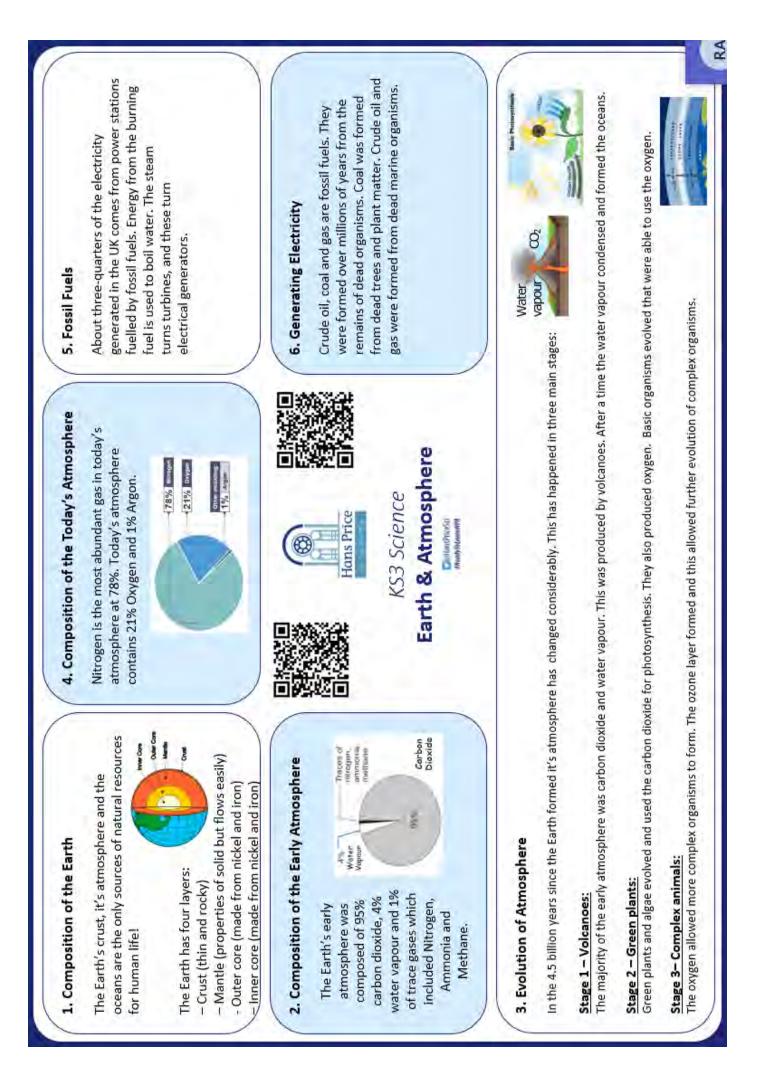
- education programmes
- captive breeding programmes
- legal protection and protection of their habitats
 - making artificial ecosystems for them to live in.

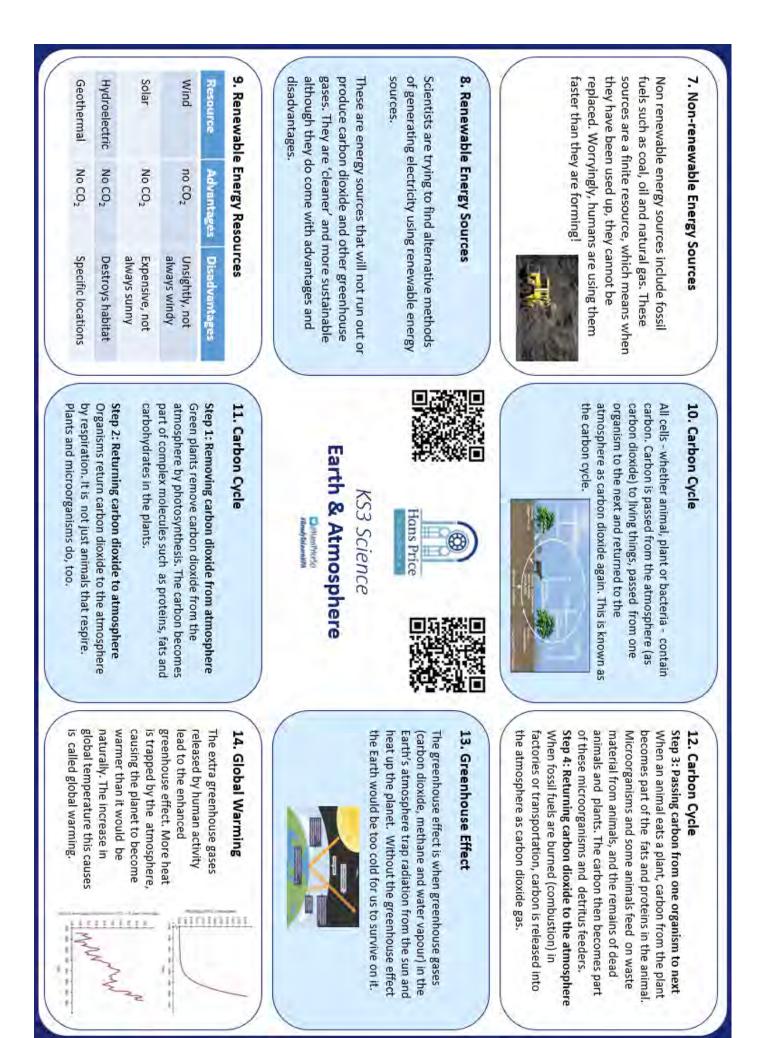
conservation measure for plants. Seeds are carefully stored so that new plants may be grown in the future. Seed banks Plant species can also be endangered. Seed banks are a increasingly being used to preserve genetic material for are an example of a gene bank. Gene banks are use in the future.

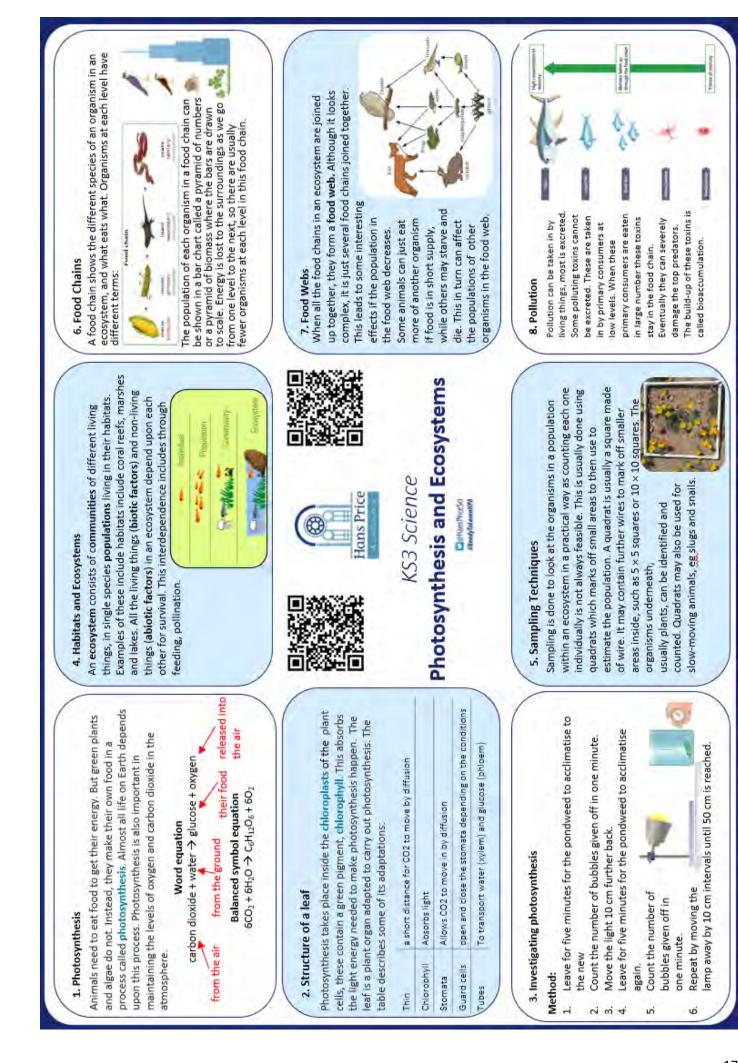
represent discontinuous data.

A bar chart can be used to





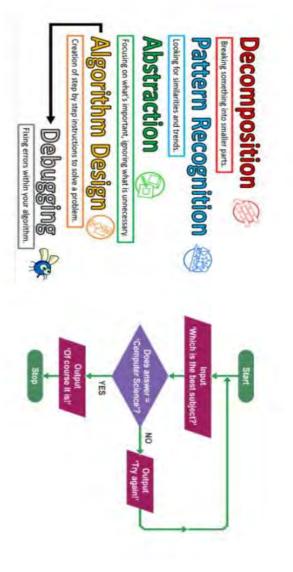




Pattern recognition	Decomposition
	Computational thinking Abstraction
Computational thinking allows us to take a complex problem, understand what the problem is and develop possible solutions. We can then present these solutions in a way that a computer, a human, or both, can understand.	Computational Thinking
Focusing on the important information only. Ignoring the details that are not needed.	Abstraction
Breaking down a complex problem or system into smaller, more manageable parts.	Decomposition
Looking for similarities among and within problems. Looking for patterns.	Pattern Recognition
Developing a step-by-step solution to the problem, or the rules to follow to solve the problem.	Algorithms
Following an ordered set of instructions.	Sequence
Making a decision within a computer program to decide which instruction to carry out next.	Selection

Keywords

Neywords	
Variable	Stores data in a computer program. This has the ability to change when the program is running.
Data type	The type of data which is being stored in the variable.
	 Variables use the following data types: Character (single character) Real (Decimal numbers) Integer (Whole numbers) Boolean (True/False) String (More than 1 character)
Increment	When a variable increases in value (e.g. score increments by 100).
Decrement	When a score decreases in value (e.g. lives decrements by 1).



Definitions (use these when completing your tas	A set of step by step instructions in or	An algorithm which is a visual represe needed to solve a problem.	An algorithm which uses text to show solve a problem.	Breaking a complex problem down int manageable problems.	Focusing on what is important and lea detail.	amming constructs:	A series of instructions carried out in	When decisions are being made (IF / I	When you repeat a sequence of instru	
(use these when	A set of step b	An algorithm which is a visu needed to solve a problem.	An algorithm whi solve a problem.	Breaking a complex pro manageable problems.	Focusing on wi detail.	he three main progr	A series of inst	When decision	When you rep	What is an algorithm? A series of steps to solve a problem. They are not just about computers, we use them all the time in our everyday lives. There can be many algorithms
Definitions	Algorithm	Flowchart	Pseudocode	Decomposition	Abstraction	You need to know the three main programming constructs:	Sequence	Selection	Iteration	 What is an algorithm? A series of steps to solve a problem. They are not just about computers, we use them all the time in our everyday livithe the can be many algorith.
	Iteration	When you repeat a sequence of instructions (loops).	stear	whole A	hyper			Login details No - Context]	Login to compare
Examples	Selection	When decisions are being made (IF / ELSE).	START	<	Is Computer via Tim gad day you Scenes via the second		No.		Say 1 don't understand	
Programming Construct Examples	Sequence	A series of instructions carried out in a specific order.	START	Line up	Walk into	ter for a second s	Lagin to comparter]•	Do the startar activity	

Algorithm A set of step by step instructions in order to solve a problem. Flowchart An algorithm which is a visual representation of the steps needed to solve a problem. Pseudocode An algorithm which uses text to show the steps needed to solve a problem. Decomposition Breaking a complex problem down into smaller, more manageable problems. Abstraction Breaking a complex problem down into smaller, more detail. You need to know the three main programming constructs: Secure a specific order. Selection A series of instructions carried out in a specific order. Iteration When you repeat a sequence of instructions (loops). • A series of steps to solve a step or solve a state or instructions floops).	מווחווווחח	UCILITIUUIS (use these when completing your tasks).
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w the eavin n a sp / ELSE tructio	Flowchart	An algorithm which is a visual representation of the steps needed to solve a problem.
eavin n a sp / ELSE tructio	Pseudocode	An algorithm which uses text to show the steps needed to solve a problem.
eavin n a sp / ELSE tructio	Decomposition	Breaking a complex problem down into smaller, more manageable problems.
n a sp / ELSE tructio	Abstraction	Focusing on what is important and leaving out unnecessary detail.
A series of instructions carried out in a sp When decisions are being made (IF / ELSE When you repeat a sequence of instruction it is an algorithm?	You need to know th	e three main programming constructs:
When decisions are being made (IF / ELSE When you repeat a sequence of instruction at is an algorithm?	Sequence	A series of instructions carried out in a specific order.
When you repeat a sequence of instruction at is an algorithm? ries of steps to solve a	Selection	When decisions are being made (IF / ELSE).
0	Iteration	When you repeat a sequence of instructions (loops).
	 What is an al A series of step 	0



1+1-10 (binary for 2) 1+1+1=11 (binary for 3)	1+0=1	0+0=0	There are four rules that need to be followed when adding two binary numbers. These are:	BINARY ADDITION	A number system that contains two symbols, 0 and 1. Also known as base 2. by people. It contains 10 unique digits 0 to 9. Also known as decimal or base 10.	Binary Denary/Decimal	- Binary - Character Sets	Bit Keywords	
			ved when adding two	N	er The binary st counting system, sed uses two symbols It -0 and 1 0 0 to 0 to as ase	mal Base 2	r 0 4 bits	Nibble	
1 0 0	+ 0	1 0			The denary counting system, uses ten symbols - 0 to 9	Base 10	8 bits	Byte	
0 1	1 1 0	1 0		OVERFLOW ER	A 7-bit character set used for representing English keyboard characters.	ASCII	1024 Bytes	Kilobyte	
1 0 0	1 1 0	1 1 0		ERROR	A 32-bit character set. Is capable of representing over 2 billion different characters including a wide range of emoji	UNICODE	1024 Kilobytes	Megabyte	
1	Ĺ	•	an extra digit that doesn't fit This is called an overflow e	Sometimes, when adding two binary numbers we can end u	(i) (i) (i) (i) (i) (i)		1024 Megabytes	Gigabyte	
			an extra digit that doesn't fit. This is called an overflow error.	Sometimes, when adding two binary numbers we can end up with			1024 Gigabytes	Terabyte	

8.5 - Data Representation: Knowledge Organiser

	1
3	
5	1
č	3
8	
2	
+	
B	
5	

processed by a computer is in the form of a sequence of 1s and 0s. Therefore, all data <u>What is Binary?</u> Binary is a number system that only uses two digits: 1 and 0. All information that is that we want a computer to process needs to be converted into binary.

	ASCII Table	Table				How to	convert	ASCII to	How to convert ASCII to BINARY		
Char Nul Start of heading	Dec Char 32 Space 33 !	Dec Char 64 8 65 Å	Dec Char 96 * 97 a	ASCII value:	alue:				Cat		
Start of text End of text End of transmit Enqury Acknowledge	97 97 97 97 97 97 97 97 97 97 97 97 97 9	66 B 67 C 68 D 70 F 70 F	98 b 99 c 100 d 101 e 102 f		C=67 (01)	C=67 (01000011)	a=97 (0	1100001) t=116 (a=97 (01100001) t=116 (01110100)	0
Backspace Horizontal tab Line feed Vertical tab		72 H 73 H 74 J 75 K 75 L	104 h 105 i 105 j 107 k 107 k 108 l		Cat (A:	SCII) 010	0011 01	100001 0	Cat (ASCII) 01000011 01100001 01110100 (Binary)	(Binary)	
Cerriege return Shift out Shift in Data link escape	45 - 46 . 47 / 48 0	77 18 18 17 19 0 19 0 10 10	109 m 110 n 111 e 112 p			How to c	onvert B	INARY to	How to convert BINARY to DENARY	٨	
Device control 1 Device control 2 Device control 3 Device control 4	49 1 50 22 51 3 52 4	81 0 82 8 83 83 84	113 q 114 r 115 s 116 r	Binary value:	alue:			011	01100101		
Neg. acknowledge Synchronous ide End trans, block	53 5 54 6 55 7	85 U 86 V 87 W	117 u 118 v 119 w	128	64	32	16	8	4	2	+
Cancel End of medium Substitution	56 8 57 9 58 :	88 X 7 88 7 90 2 06	120 x 121 y 122 z	0	1	Ļ	0	0		1	-
Escape File separator Group separator Record separator Unt separator	59 ; 60 < 61 = 62 > 63 2	91 [92 / 93] 94 / 95	123 (124 (125) 126 - 127 D				64+32+4+2+1=103 01100101=103	1+32+4+2+1=10 01100101=103			

Binary addition involves addi binary numbers together. When adding two numbers, the following possible outcor 0+0 = 0 0+1 = 1 1+1 = 11 When adding binary numbers left. \bullet 1+1 = 11 When adding binary numbers left. \bullet 1+1 = 1 0 1^{m} num 0 1 0 1^{m} num 0 1 0 2^{nd} num 0 1 0 2^{nd} num 0 1 0 1^{m} 1 0 1^{m} 1 0 1^{m} 1 1 0 0 + 1 = 1 0 + 0 = 0 1 + 1 = 11, so the one is carri 0 + 0 + 1 = 1	Binary Addition Binary Addition binary numbers together. When adding two numbers, you will have When adding two numbers, you will have the following possible outcomes: 0+0 = 0 0+1 = 1 1+1 = 11 When adding binary numbers, do so right to left. \bullet
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8.5 - Data Representation: Knowledge Organiser

@HPAComputing #ReadyToCode

Representing images

image is made up of binary numbers. screen. Digital images are made up of pixels. Each pixel in an computer to process them so that they can be seen on our Images also need to be converted into binary in order for a

simple black and white picture can be created using binary. If we say that 1 is black (or on) and 0 is white (or off), then a

and 24 bit 'True Colour'

used for each colour. E.g. 8 bit colour

means the picture will be 10 pixels across and 10 pixels down. created, the size of the grid needs be known. This data is called coloured (1 – black and 0 – white). But before the grid can be To create the picture, a grid can be set out and the squares image. If the metadata for the image to be created is 10x10, this metadata and computers need metadata to know the size of an

This example shows an image created in this way

0 0 0 0

0 0

0

0

0

0

0

0

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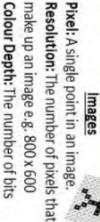


Image quality

resolution of an image is a way of describing how tightly packed the pixels are. Image quality is affected by the resolution of the image. The

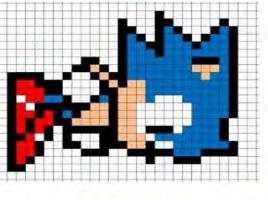
of having more pixels is that the file size will be bigger. it looks a lot better when you zoom in or stretch it. The downside or pixelated. An image with a high resolution has more pixels, so needed to fill the space. This results in images that look blocky In a low-resolution image, the pixels are larger so fewer are

Adding colour

per pixel: use four colours. In binary this can be represented using two bits just 0 and 1, using four possible numbers will allow an image to but most images need to use colours as well. Instead of using The system described so far is fine for black and white images

> 10 – green 01 - blue 00 - white

11 - red



available: another binary digit will double the number of colours that are While this is still not a very large range of colours, adding

- I bit per pixel (0 or 1): two possible colours
- 2 bits per pixel (00 to 11): four possible colours
- B bits per pixel (000 to 111); eight possible colours
- 4 bits per pixel (0000 1111); 16 possible colours

-

16 bits per pixel (0000 0000 0000 0000 - 1111 1111 1111 1111): over 65 000 possible colours

0

0

0 0

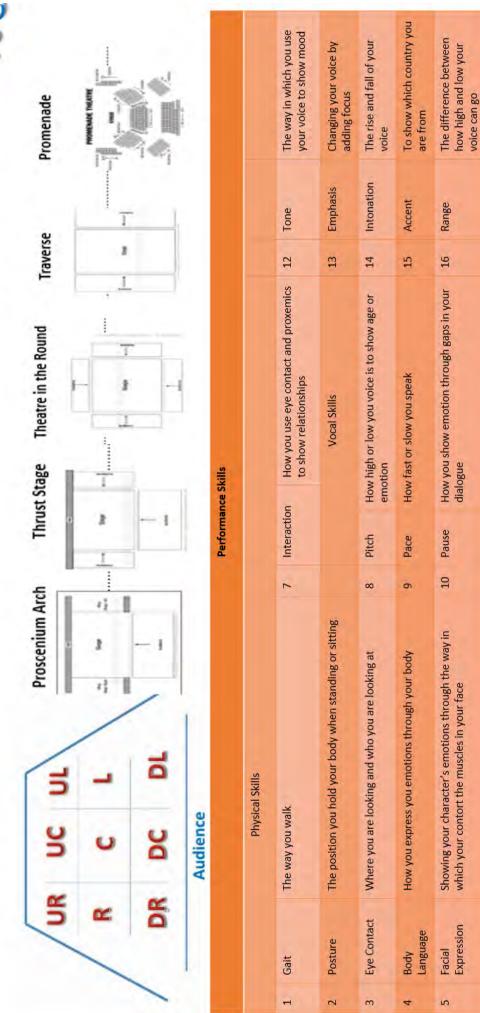
0 0

0 0

0 0

store each available colour. This means that images that use lots of colours are stored in larger files. colour depth. Images with more colours need more pixels to The number of bits used to store each pixel is called the





To show which region you

Dialect

17

How loud or quiet your voice is

Volume

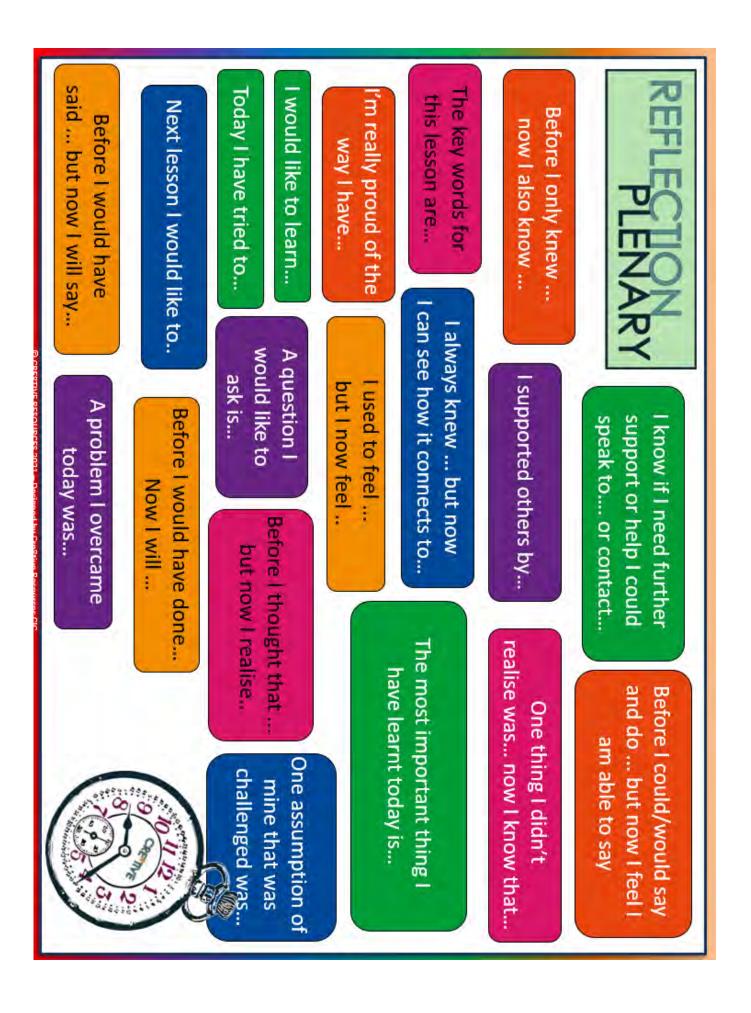
11

A small hand or head movement to communicate meaning

Gesture

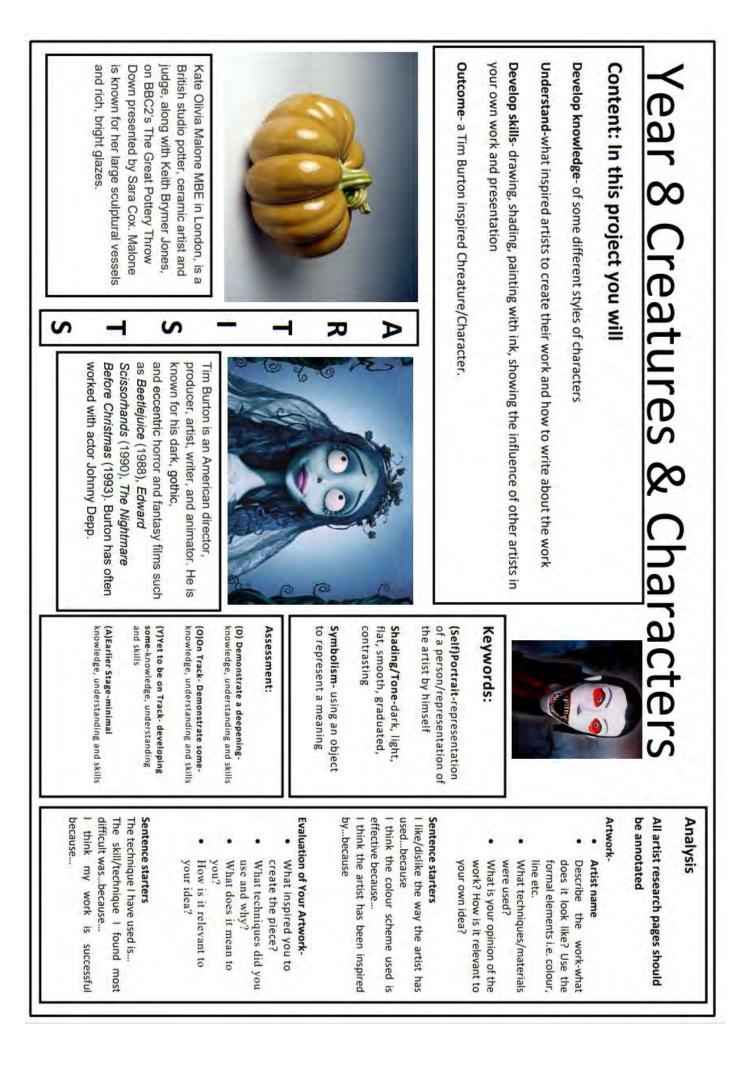
9

are from



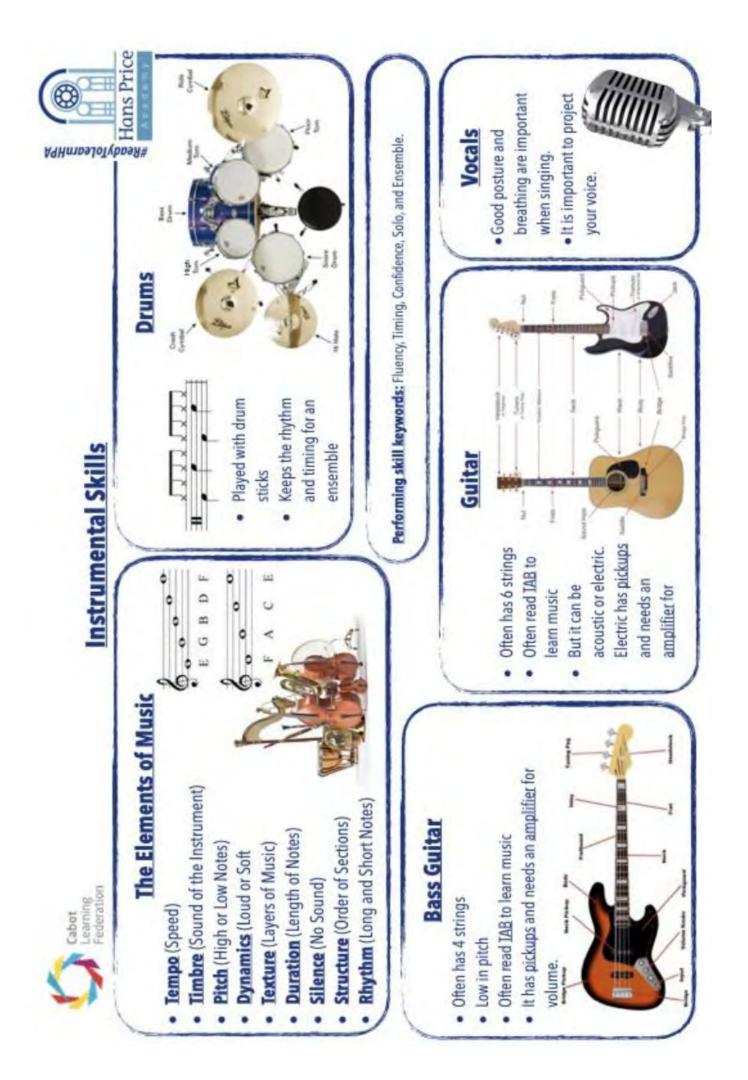
の回知の マンショット 医子子子 手をした しょうしょう こうしょう そうしょう そうしょう そうしょう Search for all of the words in the puzzle and then fill in the sentances below using some of the words in the puzzle	1. is when sounds or words are stressed in speech.		2. is the loudness or softmace of the woice		3. is "Clear pronunciation of words"		4. Is the speed of speech		 Is now clearly the words are understood. 	R is the way in which	eech is altered depen	j.	7. is "Natural flowing	speech	8. "A way of speaking used in a local area or country":	9 is the variation in the height or depth of the voice.	10. is changes in the rise and fall of the voice during or at the end of	a sentence.
Search ser	(ш ·	A	¥	A	×	>	ш	ш	G	R	R	F	0	7	Ŧ		PAUSE	
3	Y	ш	>	z	ш	0	Σ	٩	Ц		0	z	Z	N	8	NO	PAU	Mad
	-	≥	ت	Σ	N	>	٩	A	I	z	N	ш	I	×	-	MI		MARIN
5	ш:	z	U	z	¥	C	I	0	ш	0	R	C	¥		0	NOITANOTNI		
nnne	7	>	F	×	¥	R	4	ш	R	ш	×	0	ш	¥	0	LNI	REGISTER	2 MANA
3	>	C	I	0	_		S	-	U	I	4	A	٦	ш	ш	2	M	UN NC
Ð	- 1	щ	z	N	z	ш	_	_	۲	H	-	К	A	_	U	FLUENCY	111 111	MAN
		ш	Σ	ш	Σ	A	S	٩	щ	7	N	A		C	\mathbf{x}	Lu	PAGE	N
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JNAIII -	> :	×	7	7	U	×	В	z	ш	z	>	I	0	ø	т	01	MCA	EMDHIA CIC
	A	R	F	_	0		-	A	F	-	0	z	ш	_	ш	LW	ARTIGULATION	RAAG
C.	V.	Σ	Z	S	¥	7	В	×	_	_	0	0	Σ	S	_	ACCENT	AR!	
Mr.	0:	7	5	a	V	>	0	r	0	4		()	m	7		D	7	

find more at grammadrama.wikispaces.com









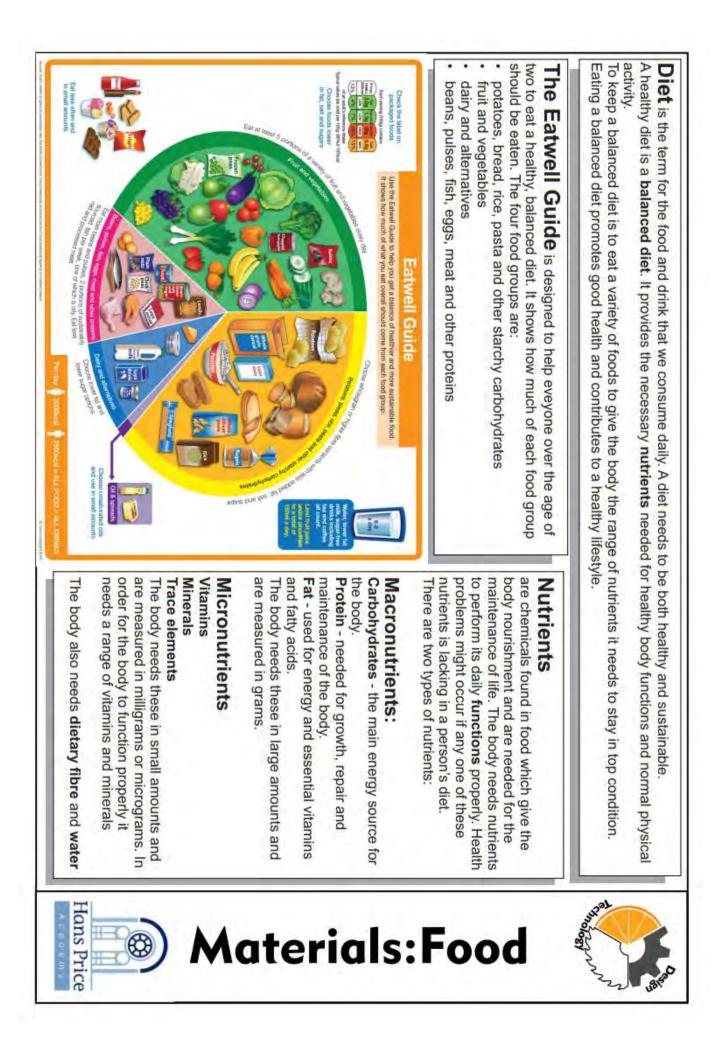
board (foam board)	Form-core	Inkiet board	Foil-lined board	board	Solid white	Duplex board	Corrugated cardboard	Board		aymmetri blot teld			nno-efuoA bloH-V	-	bioi-v	90	ina.	
Strong, lightweight, poper face, faam care	quality	Expensive, printable, photo	Expensive, good quality, aluminium foll lining, excellent barrier against moisture	00	Top quality, range of thicknesses excellent to print	Cheaper than white board, available with different finishes (metallic holographic etc.)	Strong, lightweight	Properties		-ipid			h-tellono'		e cui angles		Piquad 37	
Model making, mounting photographs		Posters photography art reproductions	Pre-packed food packages, cosmetic cartons		Hordbook books	Food packaging, eg biscuit boxes or containers	Packaging protection in transportation of products and used to pockage some hot food such as a pizza due to its insulating properties.	Uses		piot-	Arte I		Didity d		and counterfold		eroid	
Rotate	Textile	Component	Affixed	Prototypes	Mechanisms	Mechanics	Pop - up	Appealing	Functional						magolaller	Pd	Piot-te	Poiol
Move or cause to move in a circle round	A type of cloth or woven fabric	A part of element of an object	To stick, attach, or fasten (something) to something else.	The first version of something you make	A system of parts working together in a machine; a piece of machinery.	The machinery or working parts of something.	(of a book or greetings card) containing folded cut-out pictures that rise up to form a three-dimensional scene or figure when the page is turned.	Attractive or interesting.	Designed to be practical and useful.	Key Vocabulary		6	REUSE	5	201 Ct 2	RECYCLE RESPUNSIBLE	6 100%	A RETHIN



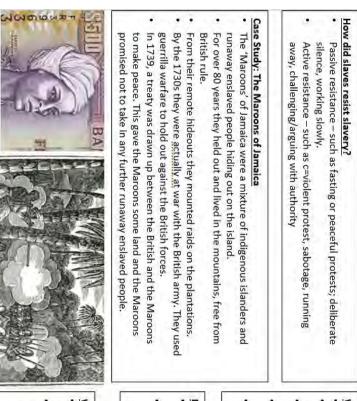








Mansa	King or Emperor	African Kingdoms	Why did Britain want an Empire?
Empire	An extensive group of states or countries ruled over by a single monarch, or a sovereign state.	 Mansa Musa was King of the Malian Empire from 1512 - 1357 Musa brought about many changes and transformed Mali into a great and powerful kingdom. 	For money! For tradici
Triangular Trade	The route that ships took from the UK, to West Africa, then to the Caribbean, before returning to the UK	His transformations led him to become known as 'Musa the Magnificent' and the time of his rule is known as Mali's Golden	
Scramble Auction	plantation owners would agree a flat rate (same price for all the slaves) then race or scramble to grab the best workers first.	 Age. Mansa Musa's reign led to major economic improvements in Mali. Mansa Musa ensured that Mal had a strong army to protect the emoire's natural resources. 	For raw For solit.
Bidding auction	The slaves would be inspected then plantation owners would bid for them and the highest bidder would "win" the slave.	Musa also changed the way Mali was governed. He divided the empire into provinces and appointed a governor to rule each one.	
Plantation	Large farm that used slave labour to grow crops such as cotton, sugar cane or tobacco	 Each of the villages in each province were ruled by a mayor. He employed judges, scribes and other civil servants. In 1324. Mansa Musa set off across the desert on a religious 	Why did the slave trade develor?
Passive Resistance	Resisting a stronger power by indirect and normally non- violent methods	pilgrimage to Mecca. Musa gave away his gold to poor communities he met on his way. He spent money generously	 Economic reasons – profits were quickly made by slave owners, there was a labour shortage in the
Active Resistance	Resisting a stronger power by direct sometimes violent methods.	 wherever he went. Each Friday, he would halt his journey and pay for a new mosque to be built wherever he had stopped. During his year long expedition. Manca Musa became so famous 	 colonies Religious reasons – white Europeans wanted to
Abolish	Get rid of something	that Mali started appearing on new maps drawn throughout the	 civilise other cultures Political reasons – Britain wanted to increase its
Abolitionists	People who wanted to end the slave trade/slavery	Middle Cast and Europe.	power abroad
William Wilberforce	MP and abolitionist	When did the African Slave Trade start? The slave trade began with Portuguese (and some Spanish) traders,	Transatlantic Slave Trade Map
racism	Prejudice or discrimination directed against someone of a different race based on the belief that one's own race is superior.	 taking mainly West African (but some Central African) slaves to the American colonies they had conquered in the 15th century. British sailors became involved in the trade in the 16th century and their involvement increased in the 16th century of 	
slavery	The system where people are owned by other people.	Utrecht (1713) gave them the right to sell slaves in the Spanish Empire.	West Indies
slaver	Somebody who owns or keeps slaves.		
trade	The action of buying and selling services.	History – Year & Knowledge	
empire	When one country rules over others.	Topic 3	
emancipation	Freedom from slavery.		



Why was slavery abolished?

- Economic Reasons to do with money. Slavery wasn't profitable
 Balinion and balinfr How religiour ideas and popula's ideas /balining and balinfr How religiour ideas and popula's ideas /balining and balinfr How religiour ideas and populate ideas /balining and balinfr How religiour ideas and populate ideas /balining and balinfr How religiour ideas and populate ideas and popul
- Religion and beliefs How religious ideas and people's ideas/beliefs about slavery changed
- Political and legal How changes in the law and actions in Parliament helped to stop slavery
- Individuals How individual people made a difference and helped to stop slavery
- Slave rebellions Pressure from slaves ready to use violence if necessary

How was slavery abolished?

- The British government banned the transportation of slaves in 1807.
- However, if someone was a slave in 1807, they were not freed until after 1833 when slavery was completely abolished in the British Empire

What about the role of Bristol?

- Bristol was already a thriving port before the local merchants became involved in the slave trade.
- The slave trade opened up new prospects for the city. Local manufacturing industry could supply some of the trade goods needed to exchange for slaves in Africa. The developing colonies owned by the Europeans in North America and the Caribbean islands needed
- supplies from Europe.
 The slave-produced goods such as sugar and tobacco, grown on the European-owned plantations, were shipped to Bristol and provided
- new industries and markets for the city.
 The only problem was that trade with Africa was in the hands of the Royal African Company. This was a company of London-based
- Royal African Company. This was a company of London-based merchants (including the Bristol-born Edward Colston) who had a monopoly on the African trade.
- The merchants of Bristol, organised into the Society of Merchant Venturers, campaigned to have this monopoly control lifted so that
- they could join the trade. In 1698, the Royal African Company lost its monopoly position, and Bristol's merchants were free to join the trade in enslaved Africans.



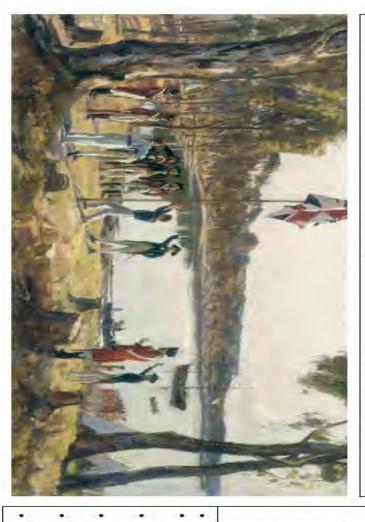
- What is the legacy of slavery in Bristol today?
- In 2020, the statue of Edward Colston was pulled down by protesters
- Many street names are still connected with the slave trade, as well as buildings
- Pero's Bridge (below) was named after an enslaved African living in Bristol in the 1700s



	Key Terms	The British Empire – background facts
Empire	a group of countries ruled by a single person, government or country.	 British Empire is a term used to describe all the places around the world that were once ruled by Britain. Britain began to build its empire in the 16th Century. At its height in 1922 the British Empire was the largest empire the world had ever seen, covering
Imperialism	a policy of extending a country's power and influence through colonization, use of military force, or other means	 around a quarter of Earth's land surface and ruling over 458 million people. Britain spread its rule and power beyond its borders through a process called imperialism. The Britich Empire brough humo character to conjection industries outh the and lines of bookloal second.
Indigenous/native	Someone from an area	 The bittash chiphie brought huge changes to societies, industries, culture and inves of people an around the world.
Sepoy	An Indian soldier serving under British orders	
Mutiny	Disobeying orders or fighting against the leaders in charge	Why did Britain want an Empire? Social reasons – to spread Christianity or 'civilise' Indigenous people
British Raj	Rule by the British Empire in India	Military reasons – to snow military strength Economic reasons – to expand or protect trade Political reasons – to gain nower
Colony	Country or area controlled by another country with settlers	
East India Company	A company that was founded in England in 1600 with the aim of trading in Asia. From 1757 - 1858 it controlled much of India.	 <u>How did the British take control in India?</u> From 1757, Britain increased its control of India through the <u>East India Company</u> From 1858 onwards, the British government directly ruled India, and it became known as the British Raj.
Penal	To do with punishment	 The British Raj had a significant impact on people living in India. Many Indians suffered from extreme poverty and famines during British rule.
Aboriginals	The Indigenous people of Australia	 The British government and British individuals gained a lot of wealth from trade with India, which they used in part to fund the Industrial Revolution
Lease	a contract outlining the terms under which one party agrees to rent property owned by another party	
Opium	Illegal drug	Y8 History Knowledge Organiser
Kowtow	Bow until your head touches the floor	8.4 – The British Empire

 previously convicts were sent to. Some historians have argued that 	 19–20, 1788. Colonisation of Australia began ea	 The First Fleet sailed on May 13, 1	 How did the British take control in Australia? August <u>1770</u> Captain James Cook landed his
	relieve the pressure upon its priso	were about 730 convicts (570 mer	land and named it New South Wales
previously convicts were sent to. Some historians have argued that this glossed a scheme to provide a stronghold for British sea	19–20, 1788. Colonisation of Australia began early in 1788. One argument for this is that Britain was trying to relieve the pressure upon its prisons. This had been made worse by the loss of America where,	The First Fleet sailed on May 13, 1787, with 11 vessels, including 6 transports, aboard which were about 730 convicts (570 men and 160 women). The fleet reached Botany Bay on January	w did the British take control in Australia? August <u>1770</u> Captain James Cook landed his ship, HMS Endeavor, at Botany Bay. He claimed the land and named it New South Wales

people have argued that Britain was trying to get an economic advantage in Australia.



How did the British take control in

- Hong Kong?
- A British diplomatic mission to China took place in 1793.
 The goals of the mission included asking for the creation
- of a permanent base for the British and the lifting of the laws limiting British traders in China.
- The cartoon shows the first meeting with the Chinese Emperor. Macartney (the British diplomat) knelt before the <u>Emperor. but</u> refused to kowtow (bow until his head reached the floor) to the Emperor. The Emperor rejected all British requests as a result.



- Hong Kong was a British colony from 1841 to 1997.
- In 1839 in the First Opium War, Britain invaded China and one its first acts was to occupy Hong Kong.
- In 1841, China surrendered the island to the British and an agreement called the Treaty of
- Nanking was signed it formally ended the First Opium War.
- At the end of the Second Opium War, China also surrendered the Kowloon Peninsula to Britain another part of the island.
- Britain's new colony flourished, and in 1898 Britain was given an additional 99 years of rule over Hong Kong under a special convention.
- This kept Hong Kong under British rule until 1997.

What were some of the problems with voting in the 18 th century? • Counties sent two MPs to Parliament. Many counties	contained towns that were parliamentary boroughs and these also sent two MPs to Parliament • Whether you could yote or not depended on where you lived	and what you owned. In the counties, men could vote if they owned land or	 property worth more than ±2 a year. The franchise (who could vote) in boroughs varied a lot, as it depended on ancient rights and customs. No women at all could vote. 	Rotten Boroughs had only a few voters but at least one MP Pocket boroughs were 'owned' by one man who would	 choose the MP In potwalloper boroughs, men could vote if they had a hearth big enough to boil a large not of water on. 	 There was no secret ballot – you raised your hand, or shouted out to vote 	What happened at St Peter's Fields. Manchester in 1819?	Working class people (around 50,000) had gathered to listen to Henry Hunt calling for the reform of Parliament	 Manchester at this time had no police force, so the army were sent to prevent any disturbances. When Hunt began to speak the army attempted to arrest him, and attacked 	anybody who got in their way. Eleven people were killed and 400 were injured. The consequences	 The government congratulated the army and those involved in keeping order in Manchester. Henry Hunt was sentenced to over two years in prison The government banned meetings of more than 50 people 	 at any one time Tax on newspapers was increased so that working-class people could not afford to read them and they would be less likely to publish negative things about the government 	
A form of government where the people have a say in how the government is run by voting.	deliberately and brutally kill (many people).	a statement or action expressing disapproval of or objection to something	the group of people with the authority to govern a country or state.	to make changes in something in order to improve it.	a document granting rights/privileges	to work in an organised and active way to achieve a (political/social) goal.	the right to vote in political elections.	NUWSS – National Union of Women's Suffrage Societies – Campaigned non-violently for votes for women	WSPU – Women's Social and Political Union – a militant movement campaigning for votes for women.	Extended voting rights to all men over 21 and some women over 30.	Extended voting rights to women over 21 bringing electoral equality	8.5 Knowledge Organiser	How and why has democracy changed in Britain?
Democracy	Massacre	Protest	Government	Reform	Charter	Campaign	Suffrage	Suffragists	Suffragettes	Representation of the People Act, 1918	Representation of the People Act, 1928		Ном а

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Act The act stated that:

 One in five men - those whose homes had a lease of £10 or more per year - got the vote

- There were to be MPs in new industrial towns such as •
- Seats for MPs from rotten boroughs had to be removed Birmingham •
 - There was a mixed reaction to the new political •
- The middle class was happy about the changes, but the changes.

•

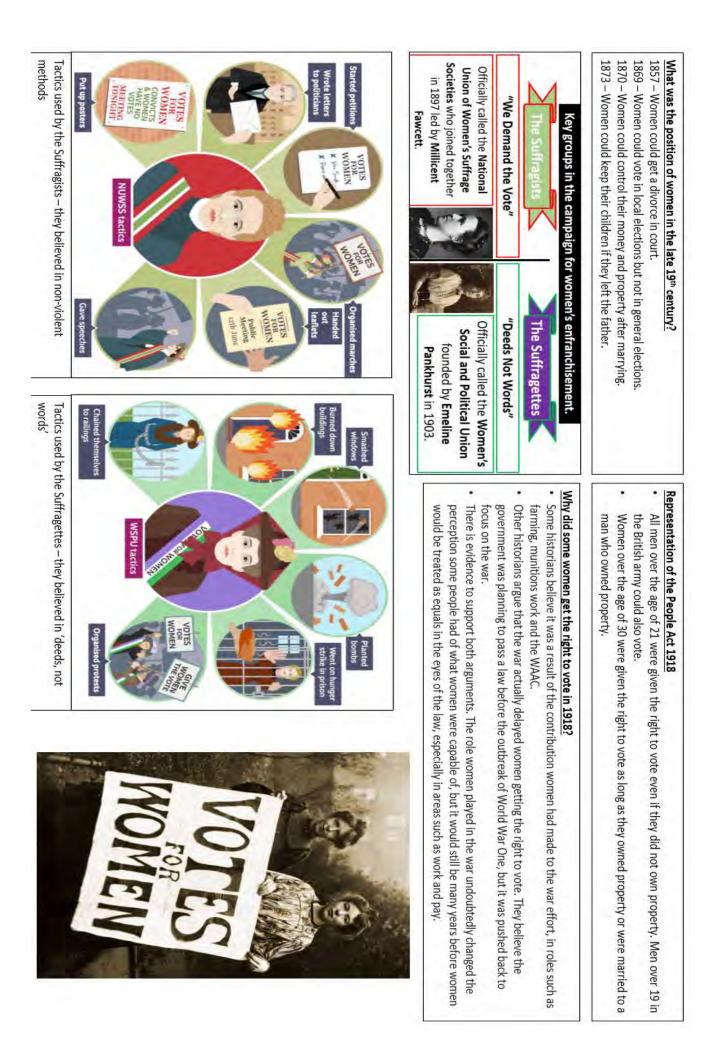
- Elections remained corrupt and the country was still working class still could not vote.
 - run by the rich. ٠ .
- MPs in the countryside continued to have more power than those in industrial towns.

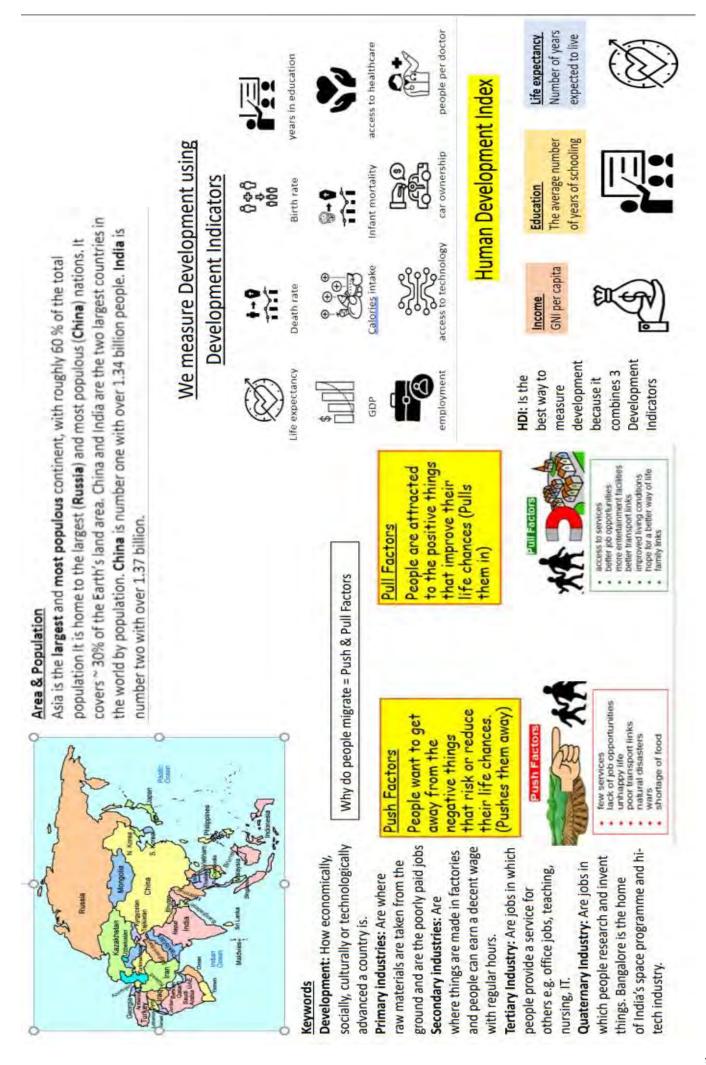


Who were the Chartists?

- The Chartists had six points that they wanted for electoral reform.
- A vote for every man over 21 years of age

- Secret ballot (instead of the system for voting in public) No property qualification to become an MP
 - MPs will be paid .
- Constituencies of equal size .
- An election every year for Parliament .







The government spends most of its fax improving the cities Urit instead of the countryside. driv Conditions in the countryside Ind are getting further and Ind further behnot that of the Ind	Slim housing is pointy built ind houses often built by the newly arrived workers from the countryside. <u>Tang</u> often gui unsafe and have no running are water or sanitation.	Some factory/dffce workers The claim they have been the exploited with ave been gay, and you unsafe/long working hours pet	Wages across the country have increased as more people have found work in the cities.
Urbanisation has helped to drive India's development. Between 2014 band 2018 India's economy grew even more purckly than China's.	India's growing demand for housing and infrastructure cannot be met. Almost a quarter of people in urban areas live in slums.	There is a "brain drain" in the countryside as the young talented, motivated people leave for the city.	More people have access to clean water and medical care.
Land and water pollution has increased as a recyclic pl rapid urban growth.	Bad conditions in the slums means that there are high levels of illness. The death rate is higher and life expectancy lower in these areas.	Older/younger family members who chose not to migrate are left techind in the countryside with little future	More indian people than ever before are benefitting from a better education which increases their life chances
Air pollution and greenhouse gas emissions have increased as industry and transport have developed.	More people earning better wages means that more money is available to the government through improved taxes. This can be spent improving services and infrastructure.	Instead of shrinking the gap between rich and poor in India 14 getting wider.	Some large (1 companies in the cities employ tens of thousands of people.

Key words

Positives
 Negatives

wages low,

healthcare is expensive and doctor if they get ill as cannot afford to see a 500 million Chinese people

regular wages

factories offer jobs that pay

people with unsafe water.

same wage as men. in factories and earn the Women are able to get jobs

water supplies and leave

Factories may contaminate

unemployed people and

There are many benefit the city. and buildings that could

all over crops.

often leaves toxic black soot

harming rural industry Factory smoke is also

need to build new roads The new factory would

manufacturing industry 80 percent of people in the

work more than eight hours

make people ill, Sometimes The water supply is not

the factories pollute the always ok to drink, and can

water supply.

per day.

industry.

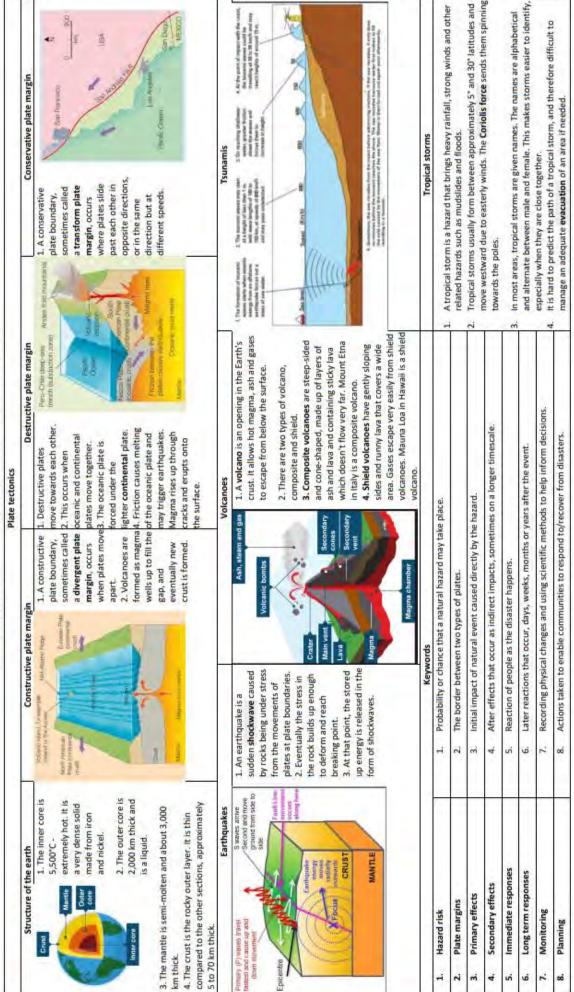
have money to pay for

goods.

education.

oties.

Slums: An over crowded area of poor bad housing found in LICS and NEEs. The houses are often built by local people illegally and may lack electricity, toilets and running water. Mega city: A city with a population of more than 10+ million people (Bangalore is a Mega city) Natural Increase: More births than deaths leading to an increase in population. Rural to Urban migration: People moving from countryside to cities



KS3 Geography Knowledge Organiser – Natural Hazards

Year 8	Topic3 : Life After Death	Knowledge Organiser
Topic	Knowledge	and the second
Life After Death	* There are lots of different beliefs about life after death. Theists believe in life after death because it invo agnostics might be persuaded by arguments for life after death (for example paranormal). Atheists reject * Dawkins is a world famous evolutionary biologist and atheist. Some have called him an anti-theist- here life writing books and attempting to prove religions wrong. Dawkins does not believe in a life after death (for example paranormal). Atheists reject is writing books and attempting to prove religions wrong. Dawkins does not believe in a life after death, for believe in, despite a lack of evidence that gives us comfort and meaning to our lives - nothing more, it is argues that our need for an afterilfe is in our DNA not our souls. He argues that life exists for one reason: to pass along its genetic material to the next generation. Embedde own genetic material will be added to the DNA of our children. In this way, we will live forever, though not 's a devout Christian. Welby lis the 105th Archbishop of Canterbury and the most senior bishop in the Church of England is a devout Christian. Welby believes to be a factual historical event. For Welby belief in file after death at time of need, Welby suggests that religion is a positive force in our lives and communities which help support.	an afterlife completely. gets all religions and ideas of God, he has spent his or Dawkins life after death is something humans just mistaken belief that helps us to survive. Dawkins ed in DNA is the genetic material of our ancestors. Our in a personal way. He has been involved with the Church since 1992 and we been possible without the death and resurrection in love of Jesus gives people hope and comfort in their
Paranormal Activity	Paranormal events are used as evidence for life after death by some people. Examples of paranormal even - Ghosts - the soul or spirit of a dead person believed to be sensed by the living. - Mediums - Reople who claim to be able to communicate to the dead. - Near death experiences - When someone who was close to death wakes up and claims to have had a ten * Scientists reject paranormal activity as confirmation of life after death and claim that there is no evider paranormal can be explained scientifically by intrasound (sound waves effecting our brams), waking dream comfort).	nporary experience of the alterlife. nce-based proof. They claim that all experiences of the
Humanist Views & Science	* Humanists are non-religious people and so do not believe in a God, however they do believe in humani - Believe in scientific methods when it comes to understanding how the universe works - Make their ethical decisions based on reason, empathy, and a concern (or human beings - Believe human beings should seek happings in this life and helping others to do the same. * They reject ideas of life after death as they do not believe in a God / afterlife, they suggest that instead to the full, when we die our bodies will decompose but we will still be remembered by our family and low * During the 1980's Michael Persinger a neuro scientist created the 'God Helmet' which claimed to show t slimulating parts of the brain with electromagnetism. Persinger reports over 900 people who look part in h experiences and altered states". Persinger reports that "at least" 80 percent of his participants expenence - percent report an experience of "God" and others report less evocative experiences of "another conscious claim that God was just a contraction of the human mind.	we should find meaning in our own lives and live it ved ones. has religious experiences can be created artificially by to experiments claimed to experience "mystical a presence beside them in the room and about one
Buddhism & Reincarnation	* Buddhists believe that when someone dies their energy passes into another form. Buddhists believe the ESCAPEI * Buddhists DO NOT believe in a permanent self or soul. A person is not reborn but the energy of * Buddhists believe that all life is suffering and therefore the goal for all Buddhists is to escape sameara. By ethically Buddhists can reach enlightenment (The realisation of the truth about life) and achieve nirvana & Rebirth is decided by karma. Good actions/ karma = good rebirth. When Buddhist follow the Eightfold P rebirth. They can be reborn as humans, animals, demigods and gods BUT being reborn as a human gives th	that person gets reborn. following the teachings of the Buddha and living (indescribable state outside of samsara). Path and gain good karma they will have a better
Christian Views	 Christians believe that there is life after death. They think that the soul leaves the body after death and e has lived their life. Most Christians believe that all persons are judged as to whether they lived a good or either: Heaven is a place of perfection (often described as paradise) and is where believers go if have lived a mori into their hearts. Jesus' resurrection inspires this. Hell is a place of lorture and eternal suffering. This is where non-believers go or anyone who has done we's Catholic Christians also believe that after judgement people enter purgatory and this is an opportunity sins. This is often described as process rather than a place. 	bad life. Depending on this they will be sent to rally good life and who have accepted God and Jesur rong and not asked for forgiveness (or been forgiven).
Muslim Views	* Muslims believe in life after death. This is called Akhirah. Muslims believe that when a perion dies they Once the Day of Judgement comes, all bodies will be resurrected to await judgment (which is why Muslims believe those who have passed the test will God to Al-Jannah and those who fall will go to Jahannam. * Al-Jannah – this is also called garadise and is described in the Qur'an (Muslim holy book) as a wonderful p has pleased Allah during their life. * Jahannam – this is a place of hell and is described as being fire, black smoke and boiling water. It is a place endless pain and torture, mainly, for turning away from Allah.	have quick burials). After judgement, Muslims garden. Believers go here if they are a real Muslim who

Key Word	Meaning	Quotes
Life alter Death	The beinf that when you die there a another all a work a person can transfer to:	'A delusion is something that people believe in spite of a total lack of evidence'
Palanormal	Events beyond scientific explanation, trought to have a spinitual cause.	Richard Dawkins
Near Death- Experience	A parameternal event which makes a person experience the afterlife without dying.	The horizon is not dominated by the past – but by what God can da. And God tan raise the dead
Mediums	A person who claims to be able to speak to the dead.	Justin Welby
Humanism	People who its not believe in God bar place great importance on human life	'Feeling something beyond yourself, bigger in space and time, can be
The God Heimer	à device created by No angle to replicate religious experiences scientifically	stimulated
Samsara	The cycle of death and vebirth	Michael Persinger
Enlighterment	The realisation of the truth about life-	'Set your heart on doing good. Do it over and over again, And you will be filled
Nevana	indextribuble state outside of samarra-	with joy
Ramha	Actions and the consequences of actions	Buddha
Eightfold Path	The eight practices a Buckhist strives to live by	The dust returns to the earth as it was, and the spirit returns to God who gave
The Soul	The non-physical part of a person, believed to be a gift from Sod	The dasc returns to the carth as it was and the spirit returns to dod who gave
Héaisen	A place with Ged.	
Hek	A place without Godi.	The Bible
Purgatory	billeved by Cathylics, where our souly go to be 'parified' bifore entering heaven	"Who will bring us back? The one who created you the first time"
Akhirah	Life after death in Arabic (the Islamic view of life after death):	The Dur an
Baaarkh	The waiting place between death and judgement for Muslims.	"Life is uncertain: death is certain"
Annah	The Arabic word for Paradise - a heaven where you go when you die	
jaisamaar:	The Moulin word for hell = a place of pureliment	Buddha
1000	The angel that takes our your from our bodies when we die	

Year 8 Unit 2- What does it mean to be religious in the UK?

Religious Festivals- Celebrations to mark an important event or remember certain stories for religious

communities. Often thee festivals will be a time of celebration and community

Christianity: Christmas

Christmas is a Christian holy day that marks the birth of Jesus, who

Christians believe to be the Son of God. It is often celebrated by counting down the advent, decorating houses and shops, giving gifts, church

services, nativity plays and spending time with family and friends.

Hinduism: Holi- also known as the festival colour

This festival celebrates spring, love, and new life.

Some families hold religious ceremonies, but for many Holi is a time for fun. It's a colourful festival, with dancing, singing and throwing powdered paint and coloured water



Christmas

Christmas celebrates the birth of Jesus as told in the gospel of Matthew and the gospel of Luke. The festival of Christmas does not fall on Jesus' actual birthday and different Christians celebrate it on different dates. Protestant and Catholic Christians celebrate it on December 25th and Orthodox Christians celebrate it on 6th January.

Mary gave birth to Jesus in Bethlehem and laid him in a manger. Then, according to the gospels, he was visited by kings and shepherds who heard about his birth.

In the UK, Christmas is celebrated in both a religious and secular way. There are church services with carols on Christmas Eve and Christmas Day as Christians thank God for the gift of Jesus. Christmas is a national holiday in the UK and many people both religious and non religious celebrate with parties, food and gifts .

Christian Churches often run events for those in need over the Christmas period as the idea of Christmas is to spread love and peace. For, example a church might provide a space to give food and temporary shelter to

people in need.

Holi

Holi is a Hindu festival that celebrates spring, love and new life. Some families hold religious ceremonies, but for many, Holi is more a time for fun. It's a colourful festival, with dancing, singing and throwing of paint. Holi marks the arrival of spring and the end of winter, it is usually celebrated in March. In 2023 it is being celebrated on Tuesday, March 7th. One of the main focuses of the Holi Festival is a celebration of the victory of good over evil.

Good overcoming evil comes from the story of Hiranyakashipu. He was an ancient king who claimed to be immortal and demanded to be worshipped as a god. His son Prahlad was deeply devoted to worshipping Vishnu, and Hiranyakashipu was angry that his son worshipped this god over him. According to the story, the Lord

Vishnu appeared as half-lion and half-man, and killed Hiranyakashipu. In that way, good conquered evil.

Present te 8.7	Present tense holidays Year 8 French 8.7 Knowledge Organiser	s Year 8 Fre Organiser	ench	The present and fut	ture tenses	Cabot Learning Foderation
There are three types of verbs in French and in their infinitive form they end in: -er -ir -re	of verbs in Fre	nch and in th	eir infinitive	The Near Future : The near future tense (le futur proche) is used to express somethin will be happening in the very near future. It is formed by conjugatir the verb aller (to go) in the present tense. followed by an infinitive	e futur proche) is use e very near future. It i the present tense. fo	The Near Future : The near future tense (le futur proche) is used to express something that will be happening in the very near future. It is formed by conjugating the verb aller (to go) in the present tense, followed by an infinitive.
For the present tense, depending on the pronoun, we change the ending of the verb using the table below :	, depending on using the table t	the pronoun, below :	we change	English	To go (present)	Infinitive
Pronouns	ėr	÷	-re	I am going to go	Je vais	aller
Je (I)	ė	-is	s-	You are going to play	Tu vas	jouer
Tu (you)	s	-is	S-	He/she/we are going to visit	II/elle/on va	visiter
il (he), elle (she)	ė	÷	1	We are going to swim	Nous allons	nager
Nous (we)	-ons	-issons	-ons	You (pl.) are going to read	Vous allez	lire
				They are going to do	Ils/elles vont	faire
Vous (you) (pl)	-ez	-ISSEZ	-ez	Going to or living in a country	ountry	
ils / elles (they)	-ent	-issent	-ent	In French the word "to" or "in" with countries chan they are masculine, feminine, plural or a town/city. in "e" are almost always feminine (this really helps)	or "in" with countrie inine, plural or a tow feminine (this really	In French the word "to" or "in" with countries changes depending on if they are masculine, feminine, plural or a town/city. Countries which end in "e" are almost always feminine (this really helps)
Examples: Port <u>er</u> = <u>to</u> wear > je Fin <u>ir</u> = <u>to</u> finish > n Vend <u>re</u> = <u>to</u> sell > ib	je port <u>e</u> = <u>I</u> wear nous fin <u>issons</u> = <u>we</u> finish ils vend <u>ent</u> = <u>thev</u> sell	we finish <u>v</u> sell		Examples : Je vais en Espagne (feminine) → I go to Spain Je vais au Portugal (masculine) → I go to Portugal Je vais à l'hôtel (vowel) → I go to the hotel Je vais aux Etats-Unis (plural) -> I go to the USA	ninine) \rightarrow I go to Spain sculine) \rightarrow I go to Port \rightarrow I go to the hotel plural) -> I go to the U	n tugal

								LEDITIOE
Tu vas où? Wh	Where do you go?		Tu restes où?	Where	Where do you stay?		Oue fais-tu?	What do vou do?
Je vais I go			Je reste dans	I stay in			Sa ralayar	To rest
À Paris/ Londres to I	to Paris / to London		un hôtel cing étoiles	A (five	A (five star) hotel		S'amuser (ia m'amuse)	To have fun (1 have fun)
	to France	*	Un camping	A campsite	site	*;	Bronzer	To sunbathe
En Espagne to :	to Spain	-	Un appartement	An app	An appartment	鸠	Visiter des monuments	To visit monuments
erre	to England	e	Une caravane	A caravan	an	18	Aller à la plage	To go to the beach
	to Scotland	1	Une tente	A tent		ŧ	Aller au restaurant	To go to the restaurant
	to Ireland	I	Une auberge de jeunesse	A youth	A youth hostel	¢	Faire du shopping	To go shopping
Galles	to Wales	1	Un mobil-home	A static	A static caravan		Se promener	To go for walks
	to Portugal	10	Chez mes prand-narents	At my p	At my grand-parents'		Prendre des photos	To take photos
	to Pakistan		Un hôtel de luxe	A state	A state-owned luxury hotel		Acheter des souvenirs	To buy souvenirs
	to Poland		Un B&B	ARKB			Faire du sport	To do (play) sports
	to Somalia					3	Faire du sport nautique	To do water sports
Aux Caralipes Au Rovaume Uni to t	to the UK		Lomment voyager: Je voyage/ nous voyageons	-	I travel / We travel		Danser en boîte	To dance in a club
	to the States			9	by foot	-		
	to the Netherlands	E	à vélo	9	by bike/pushbike		C'est où?	Where is it?
		3	en moto	q	by motorbike	*	C'est Ioin	lt'c far
Qu'est-ce que tu visites?	What do you visit?	ŧ	en voiture	q	by car	9		10.01
Je visite/ Nous visitons	I visit /We visit	æ	en train	9	by train	0	C'est proche/ à proximité	It's nearby
La plage	The beach		en bateau/ en bateau de croisière		by boat / by cruiseship	0	C'est à 5 minutes d'ici	It's <u>5</u> minutes away
La piscine	The swimming pool	đ	en métro	9	by tube	0 0	C'est à 300 mètres d'ici	It's 300 metres away
Le centre-ville	The town centre		en car	q	by coach	•	Allez tout droit	Go straight on
Le musée	The museum	Ē	en bus	q	by bus	-	Arreference and the second	At the tenffic lights
Le marché	The market	ł	en avion	q	by plane	+	Aux reux, continuez tout	At the trainclights go
Le stade de foot/ rugby	tball/rugby)		Quel temps fait-il ?	What is	What is the weather like?			straight off
	stadium		Il fait beau/ il fait mauvais	It is goo	It is good /bad weather	₿ (•		At the roundapout
Le parc d'attraction	The theme park		II fait chaud/ froid	It is hot/cold	/cold		a droite	turn right
			Il y a du soleil	It is sunny	, K	ł	Tournez à gauche	Turn left
Les monuments	The monuments	-	il fait 25 degrés	It is 25 degrees	legrees	Œ	Tournez à droite	Turn right
Les magasins	The shops	1	Il pleut	It is raining	ng)(Prenez la première	Take the first
Les cafés	The cafés	4	ll neige	It is snowing	wing			
Les restaurants	The restaurants	:0	ll y a du vent	It is windy	dy	呢"	-	Take the second
Watthen do toutome	The survey of the states	1	I are the contract.	1	These and the solution	1	Travarcas la nont	Cruce the heidro

Past holidays 8.8 French Knowledge Organiser

Reflexive verbs, the perfect tense (past tense)

Cabot Federation

2 < A verb is a doing, being or having word. e.g. to speak, to eat, to be Reflexive verbs in French are verbs which usually mean an action done to

composé). The perfect tense has 3 parts:

You can talk about the past by using the perfect tense (le passé

The perfect tense:

vous (you) (pl)	nous (we)	il (he), elle (she), on (we)	tu (you)	je (I)	Subject pronouns	yourself (e.g. straighten your hair, brush your teeth, etc.). Many are regular -er verbs and they need an extra reflexive pronoun.
vous	nous	se	te	me	Reflexive pronoun	air, brush your teeth, etc.). 1 an extra <mark>reflexive pronoun</mark>
become), Revenir (to come back), Monter (to go up), Retourner (to return), Sortir (to go out), Venir (to come), Aller (to go), Naître (to be born), Descendre (to go down),	The 2 auxiliary verbs are AVOIR or ÊTRE. Use AVOIR with most verbs. Ise ÊTRE with reflexive verbs and DR. MRS VANDERTRAMP verbs. [Devenir (to)]	Hier il <u>a</u> jou <u>é</u> au foot dans le parc. Yesterday he play <u>ed</u> football in the park. Tu <u>es</u> all <u>é</u> en ville hier? You <u>went</u> to town yesterday?	<u>Examples:</u> J' <u>ai</u> achet <u>é</u> des baskets au centre commercial. I <u>have bought</u> trainers at the shopping mall.	-IR verbs> - i -RE verbs > - u	To form the past participle, take off the infinitive endings (-er, -ir or -re) and add the following endings instead: -ER verbs > - é	 e 1. The subject pronoun (eg. Je,nous) 2. The auxiliary (<i>avoir</i> or <i>être</i>) 3. The past participle

Examples:

ils/elles (they)

se

On se brosse les dents > we brush our teeth Se brosser les dents – to brush one's teeth Je me lisse les cheveux > I straighten my hair Se lisser les cheveux - to straighten one's hair

Tu te douches le matin ou le soir? Do you shower Se doucher - to shower in the morning or in the evening?

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

Remember!

Entrer (to enter), Rentrer (to go home/to return), Tomber (to fall), Rester (to

remain), Arriver (to arrive), Mourir (to die), Portir (to leave).]

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

Add -e if feminine e.g. elle est allée

Add -s if plural e.g. ils sont allés

allées Add -es if feminine plural eg. elles sont

3	Cabot Learning Federation	Past holidays 8.8	<mark>ays 8.8</mark> French Vocab list		E E
les participes passés	Irregular past	Quand?	When?		STERNESS III III IIII IIII
irréguliers? Faire \rightarrow fait Prendre \rightarrow pris Boire \rightarrow bu Voir \rightarrow vu Lire \rightarrow lu Vouloir \rightarrow voulu Dire \rightarrow dit Devenir \rightarrow devenu Avoir \rightarrow eu Écrire \rightarrow écrit	participles ? To do \rightarrow did To take \rightarrow took To drink \rightarrow drank To see \rightarrow saw To read \rightarrow read To want \rightarrow wanted To want \rightarrow wanted To say \rightarrow said To become \rightarrow became To have \rightarrow had To write \rightarrow wrote	Aujourd'hui Normalement D'habitude Parfois/quelquefois Pendant la pause/ le trajet Le week-end Après le collège deux fois par semaine souvent Toujours Rarement De temps en temps Le lundi	Today Normally Usually Sometimes During breaktime/the journey On the weekend After school Twice a week Often Always Rarely From time to time On Monday	Qu'est-ce que tu fais normalement? Se reposer (je me repose) Se relaxer (je me relaxe) S'amuser (je me and and and and and and and and se baigner (je me hand and and se lever (je me leve) Se lever (je me leve) Se laver (je me leve) Se laver (je me reveille) Se brosser les dents/ les cheveux (je me brosse) Se brosser les dents/ les cheveux (je me brosse) Se maquiller (je me douche) Se maquiller (je me maquille)	 What do you do normally? To relax To relax To have fun To bathe To bathe To get up To wash Tow
Les opinions C'était Génial Fantastique Intéressant Incroyable Incroyable Trop court Ennuyeux/barbant Trop long Passionnant Émouvante Triste	Opinions It was Great Fantastic Interesting Moving (emotionally) Unforgetable Incredible Too short Boring Exciting Exciting Exotional sad	Hier Récemment Le week-end dernier La semaine dernière L'année dernière Il y a un mois Demain Bientôt A l'avenir Le week-end prochaine La semaine prochaine L'année prochaine L'année prochaine Dans un mois	Yesterday Recently Last weekend Last week Last year A month ago Tomorrow Soon In the future Next weekend Next weekend Next weekend Next weekend Next weekend Next weekend Next weekend Next weekend Next weekend Next weekend	Il faisait quel temps? Il faisait beau Il faisait mauvais Il faisait troid Il faisait froid Il faisait gris Il faisait nuageux Il y avait du soleil Il y avait du brouillard Il y avait de l'orage Il pleuvait Il neigeait Il geleait	What was the weather like? The weather was nice The weather was bad It was hot It was cold It was grey / overcast It was cloudy It was cloudy It was stormy It was stormy

Past tense holidays 8.8 A verb is a doing, being or hav Reflexive verbs in Spanish are	Past tense holidays 8.8 Spanish Knowledge Organiser A verb is a doing, being or having word. e.g. to speak, to eat, to be. Reflexive verbs in Spanish are verbs which usually mean an action done	done Re	, the preterit s the past tense	flexive verbs, the preterite (past tense)	D describe a
to yourself (e.g. wash yoursel and they need an extra reflex reflexive because it will have	to yourself (e.g. wash yourself, shower etc.). Many are regular -ar verbs and they need an extra reflexive pronoun. We know a Spanish verb is reflexive because it will have use won the end of its infinitive		(last year)). For ings :	regular we take off	el año pasado (last year)). For regular we take off –ar, -er – ir and add the below endings :
eg. lavarse (to wash) and le	eg. lavarse (to wash) and levantarse (to get yourself up).			AR -ER /	-IR
				é	
Subject pronouns	Reflexive pronouns	You (sg	-	aste iste	e
		He/she/	it	ó ió	
yo (I)	me	We		amos imos	50
		You (pl		asteis isteis	eis
tú (you)	te	They		aron ieron	on
él (he), ella (she)	se	Examples:			
nosotros/as (we)	nos	Tomar = to take To form " I took"	κ, e	Hablar = to speak To form "she spoke"	speak 1e spoke"
vosotros/as (you) (pl)	SO	TOMX > tom	m > tomé	HABLX>1	HABL > habl > hablo
ellos/ellas (they)	se	Careful! Not all verbs are regular in the preterite. Some key irregulars are :	regular in the p	oreterite. Some ke	y irregulars are :
Examples:		(to do)	hice, hiciste, hizo hicisteis, hicieron	hice, hiciste, hizo, hicimos, hicisteis, hicieron	s,
me lavo > l wash		Ir	fui, fuiste,	fui, fuiste, fue, fuimos,	
leventerse_ to get up		(to go)	fuisteis, fueron	leron	
nos levantamos > we get up	dr	Ser (to be)	fui, fuiste, fue, fuisteis, fueron	fui, fuiste, fue, fuimos, fuisteis, fueron	
Te duchas > you shower		Tener	tuve, tuvis	tuve, tuviste, tuvo, tuvimos,	10S,
and an and a set out of		(to have)	tuvisteis, tuvieron	tuvieron	

¿Qué hiciste durante las	What did you do on	¿Qué tiempo hacía?	What was the weather like?	La vida cotidiana en un país	Daily life in a foreign
vacaciones?	holidays?	Hizo buen tiempo	The weather was nice	extranjero	country
Fui	I went	Hizo mal tiempo	The weather was bad	La gente	People
a la playa	To the beach	Hizo calor	It was hot	Las habitantes	Inhabitants
al restaurante	To the restaurant	Hizo frío	It was cold	Los jóvenes	Young people
de compras	shopping	Estuvo cubierto	It was grey / overcast	Hablar	To speak
Me quedé	I stayed	Estuvo nublado	It was cloudy	Vivir	To live
Visité	I visited	Hizo sol	It was sunny	Comprar	To buy
Comí	I ate	Hizo viento	It was windy	Celebrar	To celebrate
Bebi	I drank	Hubo niebla	It was foggy	Preparar	To prepare
vi	I saw	Hubo tormentas	It was stormy	Levantarse	To get up
Probé	I tried (food)	Llovió	It was raining	Lavarse	To wash
Hice	I did	Nevó	It was snowing	Vestirse	To get dressed
Descansé	I rested			Desayunar	To eat breakfast
Me relajé	I relaxed	Ayer	yesterday	Ir a trabajar	To go to work
Me divertí	I had fun	Anteayer	The day before yesterday	Ir al instituto	To go to school
Visité monumentos	I visited monuments	La semana pasada	Last week	Comer	To eat
Di paseos	I went for walks	El fin de semana pasado	Last weekend	Almorzar	To have lunch
Saqué fotos	I took photos	El mes/año pasado	Last month/year	Jugar	To play
Compré recuerdos	I bought souvenirs	El verano pasado	Last summer	Volver a casa	To return home
Tomé el sol	I sun-bathed	Anoche	Last night	Ver la tele	To watch TV
Hice deportes acuáticos	I did water sports	El otro día	The other day	Cenar	To have dinner
Las oniniones	Oninions	Aver por la mañana	Yesterday morning	Acostarse	To go to bed
Fue	It was			Bañarse	To have a bath
Genial	Great	-		Ducharse	To shower
Fantástico	Fantastic	7			
Interesante	Interesting		5		
Emocionante	Exciting				
Inolvidable	Unforgettable				
Increíble	Incredible		and a		
Demasiado corto	Too short				
Demasiado largo	Too long	P	5		

Contemporary Cabor Cabor

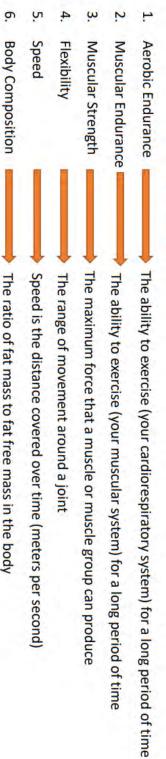
8.7 Present tense holidays Year 8 Spanish Knowledge Organiser	8.7 Present tense holidays 8 Spanish Knowledge Orga	ays rganiser		The present and future tenses	ire tenses	-	Cabot Learning Federaturi
There are three types of verbs in Spanish and in their infinitive form they end in: -ar -er -ir	s in Spanish a	nd in their	infinitive	The Near Future : The near future tense is happening in the very ne	is used to express something that will be near future. It is formed by conjugating the verb ir	thing that by conjug	will be ating the verb i
The present tense : Depending on the pronoun, we change the	g on the pron	oun, we ch	ange the	(to go) in the present tense + a + an infinitive. Example: I'm going to travel by plane > <u>Voy a viajar</u> en avión.	avel by plane > Voy a	viajar en :	avión.
ending of the verb using the table below :	ble below :						
Dronoline		b.	ŧ	English	To go (present)	"a"	Infinitive
FIGIDUIS	4	4	4	I am going to go	Voy	a	ir.
yo (I)	6	6	-0	You are going to play	Vas	۵	jugar
tú (you)	Se-	-es	-es	He/she is going to visit	Va	a	visitar
él (he), ella (she)	å	φ	φ	We are going to swim	Vamos	œ	nadar
Nosotros/nosotras (we)	-amos	-emos	-imos	You (pl.) are going to read	Vaís	۵	leer
Vosotros/vosotras (you) (pl)	-áis	-éis	si-	They are going to do	Van	a	hacer
ellos/ellas (they)	-an	-en	-en	Time markers tell us when something happens and help us work out which tense is being used. The following can be used with the future tense.	en something happen d. The following can b	s and help e used wit	us work out h the future
Example:				Mañana - tomorrow La semana próxima- next week El fin de semana que viene – next weekend	t week ne – next weekend		
Descans <u>ar = to</u> rest Com Descans <u>o</u> = I rest Com <u>em</u>	Com <u>er = to</u> eat Com <u>emos = we</u> eat	viv <u>ir</u> = <u>to</u> live viv <u>en</u> = <u>they</u> l	viv <u>ir = to</u> live viv <u>en = they</u> live	El año que viene – next rioritu En dos años – In two years	ionun rear		

		l					Buitana
¿Dónde vas?	Where do you go?		¿Dónde te alojas?	Where do you stay?	4 ŞiriQî	i Oué harae 2	C University
Vov	1 go	3	Me alojo en / Me quedo en	I stay in	Decrancar	duco	To ract
a París / a Londres	to Paris / to London	903	un hotel (de cinco estrellas)	A (five star) hotel		*Divertised (mo divincted)	To have find (1 have find)
a Francia	to France	*	un camping	A campsite	Tomar el sol	di sol	To sunhatha
a España	to Spain		un apartamento	An appartment		Visitar monimentos	To visit moniments
a Inglaterra	to England	e	una caravana	A caravan		computer comp	To an to the head
a Escocia	to Scotland		una tienda	A tent		*Ir al rectaurante	To an to the restaurant
a Irlanda	to Ireland		un alherene invenil	A volith hostel		and and and a	To an chone in a staural
a Gales	to Wales	A (A static result	_	il ue compras	
a Portugal	to Portugal		una caravana estatica	A static caravan		"Dar un paseo	to go tor walks
a Pakietán	to Pakistan	200] 300]	en casa de mis abuelos	At my grand-parents'	Sacar/t	Sacar/tomar fotos	To take photos
a Dolonia	to Doland		un parador	A state-owned luxury hotel	Compre	Comprar recuerdos	To buy souvenirs
a Somalia	to Somalia	(a	una pensión	A B&B	*Hacer	*Hacer deporte	To do (play) sports
al Caribe	to the Caribbean		¿Cómo viaias?	How do vou travel?		*Hacer deportes	To do water sports
al Reino Unido	to the UK		Viajo / Viajamos	I travel / We travel	acuáticos	SO	
a los Estados-Unidos	to the States		a pie	by foot	🔭 Bailar e	Bailar en la discoteca	To dance in the club
a los Países Bajos	to the Netherlands	· B	en bici	by bike/pushbike	¿Dónd	¿Dónde está?	Where is it?
		22	en moto	by motorbike	Está leios	06	It's far
¿Qué visitas?	Where do you visit?	•	en coche	by car		3	
Visto / Visitamos	I visit /We visit		en tren	by train	State Cerca	rca	It's nearby
· Papaya	The beach		en barco / en crucero	by boat / by cruiseship	🗴 Está a g	Está a cinco minutos	It's <u>5</u> minutes away
la piscina	The swimming pool		en metro	by tube		Está a 300 metros	It's 300 metres away
de l centro	The town centre	a	en autocar	by coach	1 Signa too	Siga todo recto	Go straight on
el museo	The museum	Ĩ	en autobús	by bus			
el mercado	The market	¢		by plane	Enel se	En el semáforo siga todo	At the traffic lights go
el estadio (de	The (football/rugby)		¿Qúe tiempo hace?	What is the weather like?			
fútbol/rugby)	stadium	43 4	1.00	It is good /bad weather	En la ro	En la rotonda gira a la	At the roundabout turn
el parque de	The theme park		Hace calor/frío	It is hot/cold	derecha	B	right
atracciones		Ò	Hace sol	It is sunny	Gira a l	Gira a la izquierda	Turn left
los monumentos	The monuments		Hace 25 grados	It is 25 degrees	Gira a I	Gira a la derecha	Turn right
las tiendas	The shops	•	Llueve	It is raining	Tome la	Tome la primera	Take the first
los cafés	The cafés	4	Nieva	It is snowing			
los restaurantes	The restaurants	:0	Hay viento	It is windy		Tome a segunda	Take the second
la oficiana da turierana	The tauriet office	1 <	Have not have	There are clouds	44 Cruza e	Cruza el puente	Cross the bridge

Components of Fitness



Physical Components



The ratio of fat mass to fat free mass in the body

Skill Components

11. Agility	10. Power	9. Reaction Time	8. Coordination	7. Balance
ţ	Ļ	÷	Ļ	
The ability to change direction at speed without loosing balance	The combination of speed and strength	The time taken to respond to a stimulus	Being able to use two or more body parts at once to complete a motor task efficiently	The ability to maintain a centre of mass above a base of support



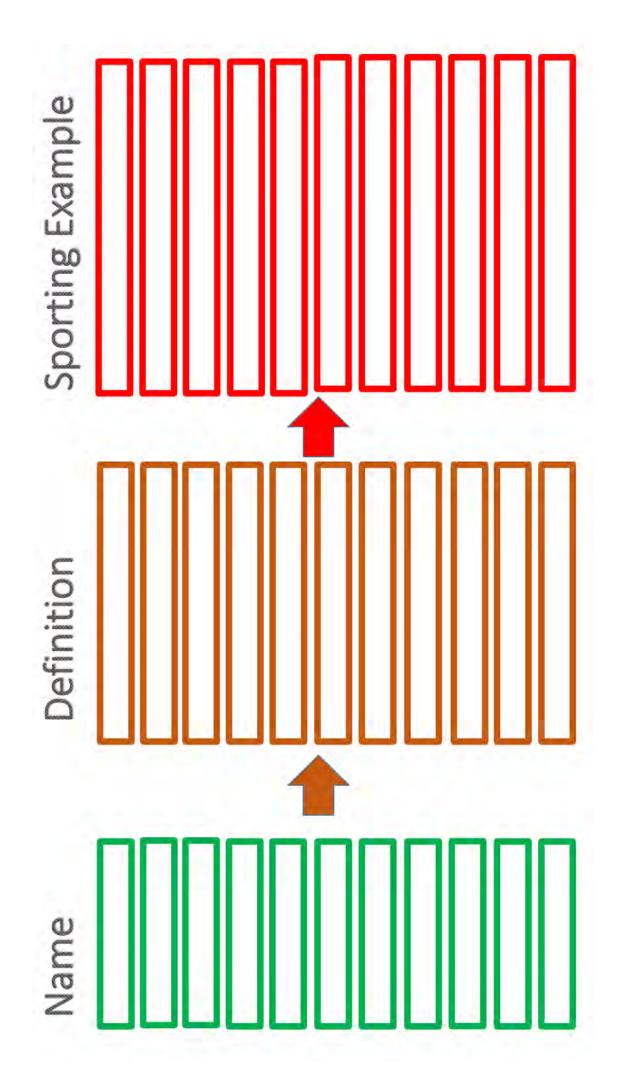








Note-Aerobic Endurance is also known as Cardiovascular Endurance.



SPACE and Careers Independent Study

This year you will take a Quizizz at the end of your SPACE topics to demonstrate your understanding of key topics. This will be uploaded to SIMS the same as your other subject with the instructions and Quizizz code you will need to use.

- When you enter your name, you must add your SPACE teacher's initials in brackets to show us which class you are in. E.g. Polly Thomas (DDA)
- When completed write your score and percentage in your knowledge organiser booklet on your SPACE page. Write the title and score along with 2 WWW's / EBI's in your IS textbook. These will be based on the questions you felt most confident about and ones you got wrong.
- Cuizizz Percentage Score Quizizz Code Topic

unifrog

Once a term you will have a careers lesson using Unifrog and one piece of I.S which will be to complete a Unifrog activity which will be explained in SIMS.

- You will find your login details in an email sent by Unifrog. If you have forgotten your details go to www.unifrog.org - sign in - reset password / resend welcome email.
- If you are still having issues logging in, please email Mrs Daw or go to I.S Club in A3 after school.

You can use Unifrog at any time to find out information about career pathways, post 16, post 18 and which jobs are best suited to your personality, likes and dislikes.

There will be termly rewards for students who complete the most activities, log the most and spend the most time using Unifrog.



Independent Study Deadlines:

Week commencing	Subject	Completed?
20 February 2023	English	
	Maths	
	Science	
	RS	
	Computing	
27 February 2023	English	
	Maths	
	Science	
	Music	
	SPACE	
06 March 2023	English	
	Maths	
	Science	
	Geography	
	Drama	
	Didilia	
13 March 2023	English	
	Maths	
	Science	
	Art	
	MFL	
20 March 2023	English	
	Maths	
	Science	
	History	
	PE	
27 March 2023	English	
	Maths	
	Science	
	DT	
	Computing	
	Easter Holiday	
17 April 2023	English	
	Maths	
	Science	
	Geography	
	Drama	

24 April 2023	English	
	Maths	
	Science	
	MFL	
	PE	
01 May 2023	English	
	Maths	
	Science	
	RS	
	SPACE	
08 May 2023	English	
	Maths	
	Science	
	History	
	Music	
15 May 2023	English	
	Maths	
	Science	
	Computing	
	DT	
22 May 2023	English	
	Maths	
	Science	
	Geography	
	Art	
	May Llaff Tarma	
	May Half Term	
05 June 2023	English	
	Maths	
	Science	
	History	
	MFL	
12 June 2023	English	
	Maths	
	Science	
	Computing	
	RS	

19 June 2023	English	
	Maths	
	Science	
	Music	
	Drama	
26 June 2023	English	
	Maths	
	Science	
	Geography	
	PE	
03 July 2023	English	
	Maths	
	Science	
	DT	
	Art	
10 July 2023	English	
	Maths	
	Science	
	MFL	
	SPACE	
17 July 2023	English	
	Maths	
	Science	
	History	
	RS	