Knowledge Organiser

















Art work by Amelia Booton, Jessica Harris, Keziah Hatfield, Mia Lees, Olivia Edge and Thomas Beddard

THE ENGAGED MIND STAYS SHARP. BE ENGAGED IN THE HERE AND NOW.

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Equipment

all students must have...



Mobile phones are not to be used in lessons without staff permission

No photos or videos to be taken without permission

No school related images or videos to be uploaded on to social media

Black or blue pen
Pencils
Ruler - 30cm
Protractor
Compass
Rubber
Pencil Sharpener
Purple pen
Scientific calculator
Coloured crayons
Student Organiser
Knowledge Organiser
Locker Key

Knowledge Organisers at Redmoor Academy



Why do we have knowledge organisers?

Your knowledge organisers help you to be successful in many ways. Firstly, they make the key elements of each topic clear, showing you what you need to have an excellent understanding of in order to be successful. If you know these elements, your teacher will help you to understand them.



What are my teachers' expectations of me?

In Year 7 and 8 your teachers will give you homework. You will be spending 20 minutes a week learning information from your knowledge organiser for each subject, with Sparx used for Maths and Literacy. In Year 9 this will increase to 30-40 minutes. Teachers will test you regularly to make sure that you are completing the homework and remembering your knowledge.



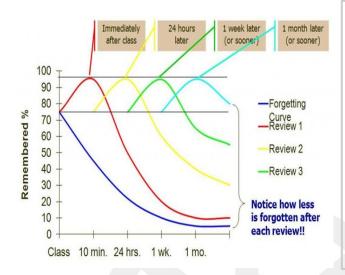
How will my teachers use them?

Core subjects will set homework once a week (others less often). This will help you to learn the most important knowledge for each topic. Teachers will also test you regularly to see how well you have remembered it. Research tells us that this practising is a really good way of helping you make sure that the knowledge stays in your memory. Over time, you will build on this knowledge to make sure that you know everything you need to for your subject. Sometimes you may have high stakes quizzes, where teachers will set a certain score that you have to reach to be successful.

How will they help me to be successful later on?

When it comes to GCSEs, you have lots of information to remember. Your knowledge organisers will gradually build up this knowledge over 5 years to help support you in Year 11. This means that when you revise you will just be recalling knowledge that you have already stored. Also, all of this practice with lots of different revision techniques now will help you when it comes to your final exams.

How we learn at Redmoor



Why reviewing your learning is so important

As soon as we are told a new piece of information, most of that information is 'lost' and forgotten. Hermann Ebbinghaus found that repeating information helps us remember more of it. This means we need to be reviewing and going over what we learn in order for us to remember and be able to use the information after a period of time has passed.

This resource summarises some proven strategies that you can use to review your knowledge.

Common methods of revision that are the **least effective**:

- Highlighting key points
- Re-reading
- Summarising texts



Retrieval practice

Testing what you know is a powerful tool in revision; the effort to remember something really strengthens your memory. Apps such as Memrise and Quizlet allow you to use or create your own quizzes based on topics. Create them, test yourself or get someone to test you. It works!

Learn more about retrieval practice here: <u>Link to the Learning</u> Scientists

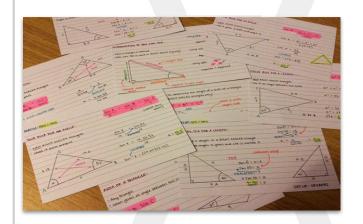
How we learn at Redmoor

Flash Cards

You can use these simply to create questions on one side and answers on the other. You might colour-code the cards for specific topics, and even include keywords and timelines.

Once you have created your flashcards you need to think about how you will use them effectively. There is a link below to a video helping you understand the Leitner system of using flashcards:

YouTube: The Leitner Method



Dual Coding



Dual coding is the process of combining verbal materials with visual materials.

You simply take information that you are trying to learn and draw visuals to go with it.

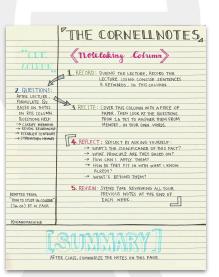
You can learn more about dual coding here: <u>Link To The Learning Scientists</u>

Try to come up with different ways to represent the information. For example, you could draw a timeline, a cartoon strip or a diagram of parts that work together.

Cornell Notes

This method can be used in your revision books as a great method to get you to 'think' about your revision. You simply split your page into 3 sections as shown on the diagram below:

- Note Taking
- Key words / concepts
- Summary



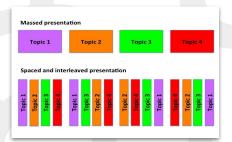
How we learn at Redmoor

Spacing and Interleaving

You shouldn't revise all of your topics in one gothis is called cramming. Instead, you should revise 'chunks' of a topic for small amounts of time, spending around 15-30 minutes on each. Your should then move onto another 'chunk' from a different topic.

Eg. topic 1 is 'cells', topic 2 is the 'digestive system'.

This will improve your memory!



Mind Maps

Mind mapping is simply a diagram used to visually represent or outline information. It is a powerful graphic technique you can use to translate what's in your **mind** into a visual picture.

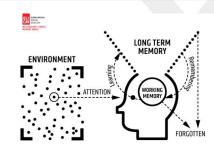
Mind maps help with memorisation of key knowledge as they help to organise information and allow you to begin to make links and connections to different pieces of information. The use of visual images helps your brain to memorise the information with simple words next to them

- and this links to dual coding!



Useful links:

- The learning scientists: https://www.learningscientists.org/
- Memrise: https://www.memrise.com/
- Quizlet: https://quizlet.com/en-qb
- Seneca: https://www.senecalearning.com/



Literacy

Proofreading Guidance

Full Stops & Commas

- A full stop gives a strong pause. It goes at the end of a whole sentence.

e.g. Jake had four brothers. He got on best with Dan who shared his sense of humour.

- A comma gives a short pause and is used to separate items in a list e.g. Bring some milk, eggs, butter and flour.

After introductory words e.g. However.

Between the different parts of a sentence: *Gran, who had been a champion boxer in the sixties, stepped forward.*

<u>Paragraphs</u>

- Change in time, e.g. Later that day, an important letter arrived. -Change in place, e.g. Back at home things were just as bad. / Chile, however, has a population
- Change of subject, e.g As well as mountain biking, I also enjoy swimming...
- Each time a different person speaks:

"Hey, that's my phone!"
"No it isn't - I had it for my birthday."

When we write, we know what we're trying to say, so our brains might skip out words or punctuation. It is important that we proofread to avoid making silly mistakes.

Spelling Homophones

Words that sound the same but are spelt differently.

there , their , they're

They're silly to have left their coats over there where there is wet grass.

your, you're

You're such a good friend to lend me your phone.

to, two, too

Two of my friends are coming to Alton Towers too.

Grammar Errors

I have played tennis. ✓ I of played tennis. X

I should have / should've played tennis.

~

I should of played tennis. X

I/she/he were late. X I/she/he was late.

They were late. ✓ They was late. X
You were late. ✓ You was late. X

I ran quick, passing the ball brilliant. I played amazing.

I ran quick<u>ly</u>, passing the ball brilliant<u>ly</u>.
I played amazing<u>ly</u>. ✓

Apostrophes

- Use an apostrophe to show possession e.g. John's football is flat.
- Also use an apostrophe for omissions (the apostrophe shows where a letter or letters are missing) e.g. I didn't do it. It wasn't me!

Capital Letters

- At the start of every sentence
- For days, months and celebrations, e.g. Wednesday, April, Easter
- For proper nouns (names of people and places) e.g. James, London, Rutland Water
- For Titles (except the small words) e.g. The Hunger Games, Match of the Day
- For abbreviations e.g. BBC, RSPCA

Correct Tense

Are you using the correct tense? Do not switch from one to another. - For days, months and celebrations,

- Past: e.g. I ran to the shops.
- Present: e.g. I am running to the shops
- Future: e.g. I am going to run to the shops.

Literacy Marking Code:

sp	Spelling mistake	
۸	Missing word/letter	
0	Capital letter/Punctuation	
~~~~	Unclear/poorly worded	
//	New paragraph	
th	Use a thesaurus	
w	Wrong word	

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# **Talking Points**

### To add an new idea to what someone else has been saying:

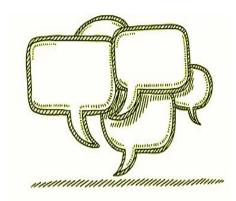
- I would like to add to this...
- I would have to agree with you because...
- Another example of this could be...
- Adding on to this, in my opinion...
- We might also consider...
- As well as this, it is important to think about...
- In addition...

### To build on what someone else has been saying:

- This could be developed by considering...
- This links to...because...
- Furthermore, it could be argued that...
- To elaborate further...
- Building onto this...
- Leading from this...
- Taking this one step forward...
- On top of this...

# To challenge someone's ideas and offer the opposite viewpoint:

- I would challenge this idea because...
- On one hand I agree with... However I think...
- On the other hand this idea could be challenged because...
- From another perspective you might argue that...
- Although I can see why ___ thinks... I disagree because...
- Whereas ___ seems to think... instead I think...



# Banned words:

- * You know
- ★ Like
- ★ Isn't it
- * Basically
- * Sort of
- * Kind of
- * Sommit
- ★ Innit
- ★ Dunno
- ★ Gonna
- **★** So...
- * Okay....

Build, Challena

### English Department: The Giver

Conventions of Dystopian Literature		
Characteristics of Protagonist	Often feels trapped and is struggling to escape.	
	Questions the existing social and political systems.	
	Believes or feels that something is terribly wrong with the society in which he or she lives.	
	Helps the audience recognizes the negative aspects of the dystopian world through his or her perspective.	
Characteristics of a Dystopian Society	Propaganda is used to control the citizens of society.	
	Information, independent thought, and freedom are restricted.	
	Citizens are perceived to be under constant surveillance.	
	Citizens have a fear of the outside world.	
	The society is an illusion of a perfect utopian world.	
Why The Giver was banned in the USA		
Violence	This is slightly ironic as the book doesn't explicitly include any violence and was written for children yet due to its content surrounding infanticide and euhanasia many deemed this book	

Violence	This is slightly ironic as the book doesn't explicitly include any violence and was written for children yet due to its content surrounding infanticide and euhanasia many deemed this book as dark and inappropriate for children.
Sexual References	In the story Jonas shares a dream in which he experiences a sexual awakening. Mum confirms that this is normal and offers him a pill' which will stop his 'stirrings'. Many older readers believed this topic to be inappropriate for their children and asked for the book to be banned from schools and libraries.
Suicide	In the book there are many implicit references to death through the 'murder' of the young and elderly. Additionally to this, the Giver shares a story about Rosemary taking her life amongst other smaller references of people not returning to their dwellings. Again, this topic was deemed inappropriate for children and given as a reason to further ban The Giver.

Key Themes	
Memory	Lois Lowry decided to write The Giver after visiting her aging father - she realised that without memory, there is no pain. In the community, not only does the removal of memory eradicate pain, it also prevents them from wanting relationships avoiding suffering and loss. Jonas realises with no memories, no true happiness can be achieved.
Individualism	The first time difference is celebrated is during the Ceremony of Twelve where each child's attributes help establish their job/ purpose in the Community. Jonas throughout the story is attempting to carve out his identity by exploring his emotions and beliefs and therefore leads him to fight for what he believes is right.
Control	Jonas' community are able to rule by infantilizing people, requiring total obedience and preventing people from thinking for themselves. The community live according to a set of rules (instead of laws), which mean that people do not question their actions, they simply follow instructions without reflecting on whether it is right or wrong, lacking morals and emotion.

Literary Techniques		
Symbolism	When an idea or object represents a wider concept.	
Foreshadowing	<b>T</b> his is used to give hints or indications about what is to come later in the story.	
Metaphor	Comparing something to something else.	
Imagery	Use of descriptive language to help the reader visualise the scene.	
Irony	Reality vs expectation - a form of juxtaposition.	
Allusion	When something is referred to implicitly.	
Personification	Giving an object a human quality.	
Flashback	A time lapse to past events.	

Vocabulary Boost				
Word	Definition			
Utopia	A perfect, pristine society.			
Dystopia	A broken down society.			
Adherence	Faithful attachment.			
Admonition	Counsel, advise, caution.			
Apprehensive	Uneasy or fearful about something.			
Chastise	To discipline.			
Dejected	Disheartened.			
Immobilize	To fix in place.			
Interdependence	Mutually dependent on two or more people.			
Languid	Slow.			
Permeate	To pass into or through every part of.			

## Redmoor English Department: Creative Writing

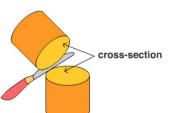
BIG QUESTION: What's the point of punctuation?		
Apostrophe	Can be used to show ownership or indicate a missing letter.  Used to indicate the start of a list	
Colon		
Semi-colon  Used to separate clauses within a sentence They cause the reader to pause for longer a comma but not as long as a full stop.		
Question mark  Used at the end of a sentence, when asking question.		
Exclamation mark	Used at the end of an exclamatory sentence to show strong emotion.	

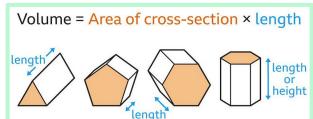
BIG QUESTION: How are words powerful?				
Adjective	An adjective describes a noun. E.g 'the tall building.'			
Alliteration	Alliteration occurs when you use the same letter at the start of words that are next to, or near, each other. E.g 'Daniel doesn't like dentists.'			
Emotive Language	Words that make the reader feel an emotional response such as anger, sadness, joy or sympathy. E.g 'the innocent boy broke his leg when the nasty bully pushed him over.'			
Metaphor	A metaphor is when you describe someone or something as if it were something else, without using the words 'like' or 'as'. <i>E.g 'you are my sunshine.</i>			
Personification	Personification occurs when you give human characteristics to something that isn't human. E.g 'the sun smiled at us.'			
Onomatopoeia	A word that sounds like the thing it describes. E.g 'Bang' or 'buzz'.			
Simile	A simile is a comparison of two things by using the words 'like' or 'as'. <i>E.g 'she was as sweet as a honeybee.</i> '			

BIG QUESTIO	BIG QUESTION: How can sentences be manipulated to create effects?			
Simple	A simple sentence contains just one clause (with a subject and one verb). Simple sentences are effective when used sparingly as they are straightforward and direct.			
Compound	A compound sentence is formed when you join two main clauses that make sense on their own with a connective. In compound sentence the clauses are often linked by connectives such as 'and', 'but', 'so' etc.			
Complex	A complex sentence contains one main clause and one or more subordinate clause that relies on the main clause to make sense.			
Paragraphs	Paragraphs are just a group of sentences sharing the same idea. They structure your writing to make it easier for readers to follow. Always start a new paragraph when you change the focus of your writing.			

BIG QUESTION: Why does structure matter?			
Cyclical structure	Your writing ends by making a link back to the beginning.		
Sentence lengths	Shorter sentences can alter the pace of your writing. Complex sentences can alter the rhythm. For single, sudden ideas you want to draw attention to, use a single sentence or single word paragraph.		
In medias res	Starting the writing in the middle of the action.		
Flashback	A part of a story that goes back to events in the past.		
Foreshadowing	Hinting at something that will happen later in the story.		
Shift in focus	Changing what you're focusing on, e.g. shifting for describing a setting to writing about the character.		
Cliffhanger	A technique where the writer leaves the reader not knowing what will happen next.		

MATHS - Mastery Curriculum		ln	Pre	Pos
Sparx Code	TOPIC	In Class	Pre-test	Post test
M242	Changing the subjects of formulae with one step			
M983	Changing the subjects of formulae with two or more steps			
M595	Identifying parts of circles			
M169	Finding the circumference of circles			
M231	Finding the area of circles			
M319	Combining angle facts			
M606	Angles on parallel lines			
M767	Properties of 3D shapes			
M765	Finding the volume of cubes and cuboids			
M722	Finding the volume of prisms			
M465	Converting units of volume			
M677	Using Pythagoras' theorem in 2D			
M480	Applying Pythagoras' theorem in 2D			





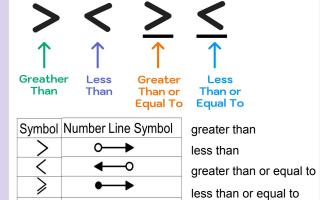
Sparx Code	TOPIC	In Class	Pre-test	Post test
M328	Calculating the range			
M934	Calculating the median			
M841	Finding the mode			
M940	Calculating the mean			
U854	Finding averages from diagrams			
M127	Finding averages from frequency tables			
U312	Interpreting frequency tables with grouped data			
U877	Finding averages from grouped data			
M135	Calculating with roots and powers			
U299	Estimating roots and powers			
M533	Percentage change with a calculator			
M476	Percentage change without a calculator			
M528	Finding original values in percentage calculations			
U533	Simple interest calculations			
U330	Using standard form with positive indices			
U534	Using standard form with negative indices			
			• • • •	

Percentage Change amount of change original amount

x 100

NATHS	In Class	Pr	Po		
Sparx Code	TOPIC		Pre-test	Post test	
U166	Expected results from repeated experiments				
U580	Calculating experimental probabilities				
U280	Frequency trees				
U556	Changing the subjects of formulae				
U228	Factorising to solve quadratic equations of the form $x^2$ + bx +c =0				
U963	Factorising the difference of two squares				
U178	Factorising quadratic equations of the form $x^2 + bx + c$				
M960	Expanding double brackets				
U337	Constructing and solving inequalities				
U145	Solving double inequalities				
U738	Solving inequalities with the unknown on both sides				

Inequalities



6 appears 65 times.

P(roll a 6) = \frac{65}{100}

Roll a die 100 times.

**Experimental probability** 

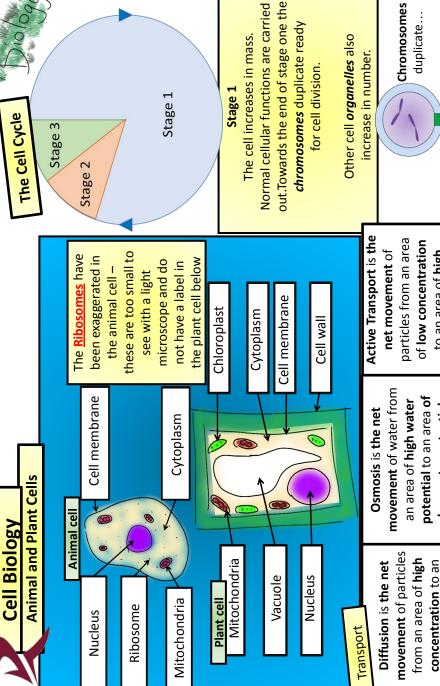
Sparx Code	TOPIC	In Class	Pre-test	Post test
U671	Percentage change with a calculator (Review)			
U286	Finding original values in percentage calculations			
U278	Finding the percentage an amount has been changed by			
U264	Multiplying and dividing numbers in standard form			
U290	Adding and subtracting numbers in standard form			
U161	Standard form with a calculator			
U773	Percentage change without a calculator (Review)			
U533	Simple interest calculations			
U349	Finding percentages of amounts with a calculator (Review)			
U554	Finding percentages of amounts without a calculator (Review)			
U916	Finding fractions of amounts with a calculator (Review)			
U881	Finding fractions of amounts without a calculator (Review)			
U594	Ordering fractions, decimals and percentages (Review)			
U888	Converting between fractions, decimals and percentages (Review)			

Expanding Double Brackets

(2x+	-3)(5x-8)	)
e.	2 <i>x</i>	+ 3
5x	10x ²	+ 15x
- 8	- 16x	- 24

### Grid Method

 $10x^{2} + 15x - 16x - 24$ Simplified:  $10x^{2} - x - 24$ 12

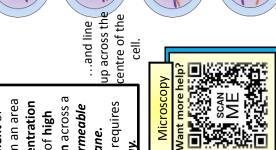




concentration

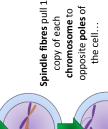
Revision Idea!

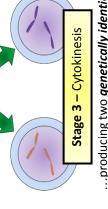
area **of low** 



Mitosis begins

Stage 2





Conversion → ÷1000

1x10⁻³ 1×10-6 1x10⁻⁹

0.001

E E E

Milli-meter

Conversion  $\rightarrow$  x1000

Ε

Meter

0.0000000000

0.000001

Micro-meter Nano-meter

M = Magnification

A = Actual size I = Image size

under the microscope

by dividing its size

by the magnification

actual length of a cell

You can calculate the

objects as separate to distinguish two

The ability of a microscope

Cells are so small you have to use

Microscopy

a *microscope* to see them

...producing two *genetically identical* daughter cells Keywords Meristem Cell Magnification Resolution Daughter Cell Cytokinesis Stem Cell **Active Transport** Spindle fibres Mitosis Chloroplast Diffusion Osmosis Mitochondria Cell Wall Vacuole Cell Membrane Cytoplasm **Nucleus** 13

# **Periodic Table** Topic: Atoms and the

History of the Atom



J. Thomson

Ernest Rutherford





Chiemistry



**Niels Bohr** 







1913

1911

0

1904 (-ve) concluded the rest Discovered the electron

> All matter is made of atoms that have no

charge

of the atom is +ve

of protons (+ve) Most of the Small positive nucleus made atom is empty space

electrons (-ve) orbit around the nucleus

located in the nucleus neutron (0 charge), Discovered the

# Development of the Periodic Table

Discovery of the Nucleus

charged **alpha particles** at Rutherford fired positively

a thin sheet of gold foil.

Most **passed through** with little deflection, and some

deflected at large angles





Arranged by *atomic weight* and created groups of elements with similar *properties*. He left *gaps* in the periodic table for elements that had not Dmitri Mendeleev been discovered.

when the elements were arranged by atomic weight, every 8th element had **similar** properties and introduced the John Newlands noticed that law of octaves. atomic weight in arranged the elements by John Dalton 1808.

This is only possible if most of the atom is

empty space, with a positive charge

concentrated at the centre

how elements in the periodic Mendeleev's work allows us to make predictions about

**Displacement Reactions** table will react

8 on the second shell

has 11 electrons

This atom of Na

**Electron Configuration** 

1 on the third shell 2 on the first shell

Its electronic configuration is

2nd shell: 8e 3rd shell: 8e

1st shell: 2e

2,8,1

Reacting a more reactive halogen with a salt of a less reactive in a displacement reaction halogen will result **EXAMPLES:** 

Cl₂ + 2KBr □ Br₂ + 2KCl + 2KF ֶ ב'י + 2KC

> stable when they have a Atoms become more

> > lons

full outer shell

☐ Metals will lose electrons

ncreasing reactivity Halogens **Group 7** Br ¥ need to GAIN This becomes harder as you one electron. move down Halogens the group Less attraction between outer electrons and the nucleus Increased electron shielding Increased atomic radius Alkali metals need to LOSE This becomes easier as you one electron. move down the group Alkali metals Na 윤 S = ¥

Increasing reactivity

They become positively charged because they have lost a negative charge **Electronic Config of** 

Non-Metals will gain electrons

**Electronic Config** of Cl ion: 2,8,8

Keywords

Crystallisation Distillation Conservation of Product Element

Displacement

Period

<u>6</u>

Reaction

Halogen

Group

Chromatography

**Filtration** 

Reactant

Atom

**Properties** 

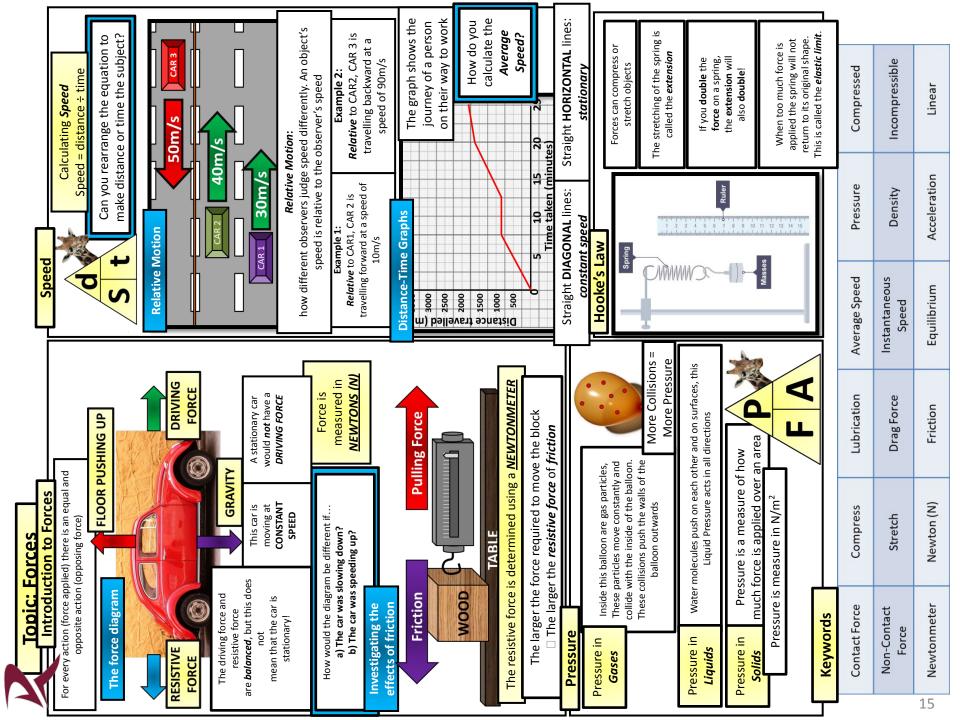
Alkali Metal

Isotope

14

Mixture

Mass



### Tu es allé(e)s où en vacances? Where did you go on holiday?

### Tu as voyagé comment? How did you travel?

~~~	
-0=	
	<u>A</u>
<u></u>	

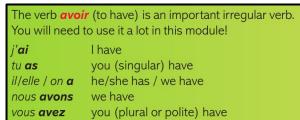
Unit 7a
Les Vacances

(1) Time Phrase	(2) Verb (perfect tense)	(3) Preposition + Place	(4) Verb (Perfect Tense)	(5) Preposition + Transport			(6) Adjectives
L'année dernière (last year) La semaine dernière (Last week) Le mois dernier (last month) Il y a trois ans (three years ago) L'été dernier (last summer) L'hiver dernier (last winter)	je suis allé (e) (I went) nous sommes allés (we went) on est allé (we went)	en France. (to France) en Angleterre. (to England) en Espagne. (to Spain) en Allemagne. (to Germany) en Écosse. (to Scotland) au Portugal. (to Portugal) au Canada. (to Canada) aux États-Unis. (to the USA) à Paris.(to Paris) à Londres. (to London)	J'ai voyagé (I travelled) Nous avons voyagé (we travelled) On a voyagé (we travelled)	en avion (by plane) en voiture (by car) en train (by train) en ferry (by ferry) en car (by coach) en Eurostar (by Eurostar)	et (and)	c'était (it was) ce n'était pas (it wasn't) le voyage était (le journey was) la traversée était (the crossing was) le voyage n' était pas (the journey wasn't)	facile (easy) difficile (difficult) rapide (fast) long (long) ennuyeux/euse (boring) amusant(e) (fun) intéressant(e) (interesting)

Tu es resté(e) où ? Where did you stay?

C'était comment? What was it like?

(7) Verb (Perfect Tense)	(8) Preposition + Accommodation	(9) Place	(10) Verb (imperfect tense)	(11) Adjectives	(12) Weather & Time Phrases	(13) Activity (perfect tense)
Je suis resté(e) (I stayed) Nous sommes restés (we stayed) J'ai logé (I stayed) Nous avons logé (we stayed)	dans un hôtel (in a hotel) dans un camping (in a campsite) dans un appartement (in an apartment) dans une caravane (in a caravan) chez des amis (with some friends) chez mes grandparents (with my grandparents)	au bord de la mer. (by the sea) à la campagne. (in the country) en centre ville. (in the town) à la montagne. (in the mountains) près de la plage. (near to the beach)	C'était (it was) Ce n'était pas (it wasn't) Le logement était (the accommodation was) Le logement n'était pas (the accommodation wasn't)	magnifique (magnificent) super (super) beau (beautiful) sale (dirty) moche (ugly) bien équipé (well equipped) bien situé (well situated)	Il faisait chaud donc (it was hot so) Il faisait mauvais donc (It was bad weather so) Il faisait du soleil donc (It was sunny so) Il pleuvait donc It rained so Après avoir mangé, (after having eaten) Après avoir fait ça, (After having done that) Avant de faire ça, (before doing that)	j'ai joué au foot (I played football) j'ai fait de la natation (I did some swimming) j'ai mangé une glace (I ate an ice cream) j'ai visité le musée (I visited the museum) j'ai rencontré des amis (I met some friends) je suis allé en ville (I went to town) j'ai fait du tourisme (I did some sightseeing) J'ai regardé un spectacle (I saw a show)



The verb être (to be) is G another key irregular verb. je **suis** lam you are (singular) tu es il/elle/on est he/she is / we are nous **sommes** we are vous êtes you are (plural or polite) ils/elles **sont** they are

they have

ils/elles ont

The perfect tense is a past tense. Use it to say what you <u>did</u> or <u>have done</u>.

To form the perfect tense of most verbs, you need:

- 1 part of the verb avoir
- 2 a past participle (joué, mangé, etc.).

To form the **past participle** of regular —er verbs, take the —er ending off the infinitive and replace it with —é.

regard**er** → regard**é**

j'ai regardé
tu as regardé
il/elle/on a regardé
nous avons regardé
vous avez regardé
ils/elles ont regardé
tu as regardé
you (singular) watched
he/she / we watched
we watched
you (plural or polite) watched
they watched

Grammar: the perfect tense

Some verbs use être (not avoir) to form the perfect tense.

The past participle of these verbs must agree with the subject. Add an extra —e if the subject is feminine and —s if the subject is plural.

aller to go

je suis allé(e)

tu es allé(e)

il est allé/elle est allée
on est allé(e)s

nous sommes allé(e)s

I went
you (singular) went
he/she went
we went
we went

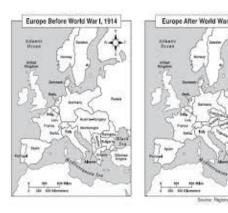
vous êtes allé(e)(s) you (plural or polite) went ils sont allés/elles sont allées they went

Other verbs that take être in the perfect tense include arriver (to arrive), partir (to leave), rester (to stay) and rentrer (to return).

Opinion (14)	Noun (Festival) (15)	Connective	Quality Vocab	Opinion (Verb)	Reason (infinitive) (16)
J'adore love J'aime like J'aime beaucoup I really like Je préfère prefer Je déteste hate Je n'aime pas	l'Aïd Eid Halloween Halloween Noël Christmas Pâques Easter la Saint-Valentin Valentine's Day la Toussaint All Saints' Day le 14 juillet	parce que because parce qu' because	moi, perso, me, personally,	j'adore love j'aime like je déteste hate je n'aime pas don't like	choisir des cadeaux. choosing presents. danser et chanter dancing and singing. faire une soirée pyjama. having a sleepover. manger des œufs en chocolat. eating chocolate eggs. rendre visite à ma mère. visiting my mother. rendre visite à mes cousins. visiting my cousins.
l don't like Je n'aime pas du tout I really don't like	Bastille Day le Nouvel An New Year's Day		à mon avis,	c'est it is	amusant. fun. génial. great. marrant. funny.
Je n'aime pas tellement I don't particularly like	mon anniversaire my birthday		in my opinion, je pense que I think that	c'est it is c'est trop it is too	bête. silly. commercial. commercialised. ennuyeux. boring. militaire. militaristic.

Unit 7b I es Fêtes

Yr 9 **History:** Weimar Germany



End of WW1 & Weimar Key Events:

1919 - The new German constitution signed in the city of Weimar

1919 - The Treaty of Versailles caused many problems for Germany. The German people disliked the politicians for signing it and it caused political problems and economic problems.

1923 - Invasion of Ruhr by France & Belgium caused by German failure to pay reparations.

1923 - Hyperinflation in Germany.

1924-1929 - 'Golden Years' of recovery under Stresemann (Foreign Minister)...

1929 - Wall Street Crash.

1929 onwards The Great Depression.

End of WW1 & Weimar - Key Terms:

Treaty of Versailles - This decided how Germany was going to be treated after WW1.

Weimar Republic - The establishment of the new democratic government following WW1 in Germany.

Communism - Political and economic ideology that is a way of creating an equal society, e.g. individual people do not own land or factories. Instead, the government or the whole community owns these thinas.

Social Democrats - Political party that achieved majority of votes in first elections, supported by mostly working class.

Fascism - an extreme right wing political Ideology, fascists emphasise nationality.

Social democracy - Is the idea that the state needs to provide security and equality of opportunity for its people.

Constitution - The basic principles (rules) according to which a country is governed.

'Passive resistance' - Refusing to work or co-operate with the foreign troops and in return the government continued to pay workers' wages.

Hyperinflation - Extremely high inflation, where the value of money plummets and becomes almost worthless.

Wall Street Crash - The collapse of the American Stock Market it preceded The Great Depression.

The Great Depression - Slump in the global economy in the late 1920s and early 1930s which led to high unemployment.







Nazi Germany and Holocaust Key Events:

1933 January - Hitler becomes Chancellor.

1933 March - Enabling Act - law passed in 1933 that gave Hitler complete power 1933 July - Nazis become the apply logal political party in

only legal political party in Germany. 1933 - Boycott of Jewish

businesses and Jews banned from government jobs.

1934 August - Hitler combines the post of Chancellor and President and becomes Führer.

1935 - Nuremberg Laws: Citizenship / Ban on Jews marrying 'Germans' / Segregation for Jews in public places.

1936 - Membership of the Hitler Youth made compulsory.

1938 - Kristallnacht - Night of Broken Glass - organised attack on Jewish businesses and synagogues.

1938 - Jewish children were not allowed to attend German schools.

1939 - The euthanasia campaign began. Designated Jewish ghettos established.



Yr 9 History: Nazi Germany and Persecution







Nazi Germany & The Holocaust: Key Terms & People:

Hitler - Supreme leader of the Nazi Party

Goebbels - Head of Propaganda

Heydrich - In charge of removing Jews in Eastern Europe.

Himmler - Head of the SS.

NSDAP - National Socialist German Workers' Party. Name of the Nazi Party.

Third Reich - A term referring to the Nazi state and regime from 1933-1945.

Gestapo - Secret police under the direct control of Himmler.

The SS - originally Hitler's bodyguards, became main security organisation

Lebensraum - The idea of increasing German 'living space' in order to survive.

Aryan race - A racial group Hitler and the Nazi Party believed were superior to others.

Führerprinzip - 'Leader principle', ultimate authority rested with Hitler **Hitler Youth** - Youth organisation of the Nazi party in Germany. **Indoctrination** - Influencing to change ideas a.k.a 'brainwashing'. **Propaganda** - Giving out information, true, false or partially true to make people think or behave in a certain way.

Censorship - Controlling what is produced and suppressing anything considered to be against the state

SA - Private army of the Nazi Party headed by **Ernst Röhm**.

Youth - The Nazis placed much emphasis on controlling the young as only then could they secure a 'thousand year Reich'. Youth organisations and education indoctrinated the German youth.

Kinder, Küche, Kirche - Children, Kitchen, Church. This summed up the Nazi ideal of womanhood.

Nuremberg Laws - Jews were stripped of their citizenship rights and marriage between Jews and Non-Jewish German people was forbidden.

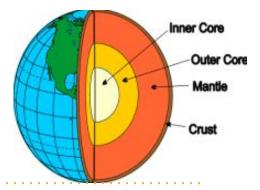
Jewish person - A member of the people and cultural community whose traditional religion is Judaism

Persecution - Hostility and ill-treatment, especially because of race or political or religious beliefs.

Einsatzgrüppen - Special Killing squads of SS soldiers **Ghetto** - Where Jews were forced to live in slum areas of towns.

Concentration Camps - A place where political and persecuted minorities are held.

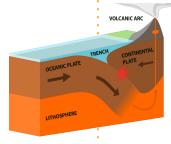
Geography Restless Earth



Types of Plate Margins

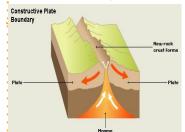
Destructive Plate Margin

When the denser plate subducts beneath the other, friction causes it to melt and become molten magma. The magma forces its ways up to the surface to form a volcano. This margin is also responsible for devastating earthquakes.



Constructive Plate Margin

Here two plates are **moving apart** causing new magma to reach the surface through the gap. Volcanoes formed along this crack cause a submarine mountain range such as those in the **Mid Atlantic Ridge**.



Conservative Plate Margin

A conservative plate boundary occurs where plates **slide past each other** in opposite directions, or in the same direction but at different speeds. This is responsible for earthquakes such as the ones happening along the San Andreas Fault, USA.



	Key word	Definition
	Earthquake	An earthquake is the shaking and vibration of the Earth's crust due to movement of the Earth's plates
	Seismic Waves	The energy of the earthquake.
	Focus	Where an earthquake begins
	Epicentre	The area directly above an earthquake. This is where the most damage occurs.
	Primary effect	A primary effect is one that is directly caused by the disaster
	Secondary effect	Secondary effects occur as a result of the primary effects, eg tsunamis or fires due to ruptured gas mains.
	Ash cloud	Small pieces of pulverised rock and glass which are thrown into the atmosphere.
	Pyroclastic flow	A fast moving current of superheated gas and ash (1000°C). They travel at 450 mph.
	Composite volcanoes	Steep-sided and cone-shaped, made up of layers of ash and lava
	Shield volcano	Gently sloping sides and runny lava that covers a wide area.

Year 9 Geography - Our Unequal World

What is Development?

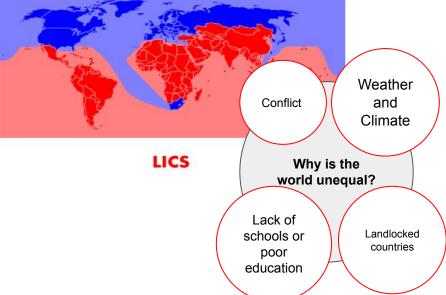
Development in Geography is the continued improvement in quality of life.

Quality of life is often defined as "health, wealth and education".

A country's development often depends on its wealth. Therefore, in Geography we refer to countries as low income countries (LICs), high income countries (HICs) and newly emerging economies (NEEs).

A country may be classed as a HIC, a LIC, or a NEE but there can still be disparity within a country or even with a town or city.

HICS

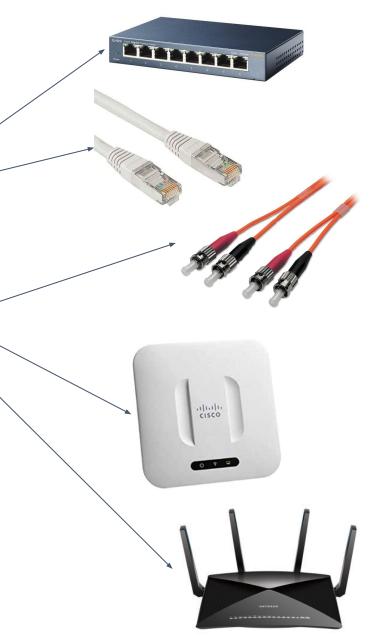


Key Term	Definition
HIC	HIgh income country
LIC	Low income country
NEE	Newly emerging economy
Malnourished	Being weak or ill because of having too little food.
Development	The economic progress of a country and improvements to quality of life.
Development indicator	A measure of a country's level of development.
Literacy rate	How many people can read or write, as a percentage of the population over the age of 15.
Infant mortality rate	The amount of children who die before their first birthday.
GNI	Gross national income; the amount of money a country makes in a year.
Resources	Something that has a value or purpose, such as food, water and energy.
Resource insecurity	A lack of resources such as food, water and energy.
Resource security	Plentiful supply of resources like food water and energy.

Year 9 Computing

Networking

Networking Key Terms	Networking Key Terms					
Computer Network	When two or more computers are connected together, allowing them to communicate with each other.					
Network Switch	A computing device that allows two or more computers to be connected together.					
Ethernet Cable	A copper cable that is used to connect computers together.					
Wireless	When computers are connected together without wires. Examples of this include WiFi and 3G.					
Fibre Optic Cable	A type of cable that can be used to connect computers together that uses light to transfer data rather than electricity. It is extremely fast!					
Wireless Access Point	A computing device that allows a computer to connect to a network wirelessly.					
Router	A device that allows a network to be connected to other networks.					
Internet	A network of networks. This involves networks being joined together from all over the world to create the super network we call 'the Internet'.					
The World Wide Web	This is all of the web pages, videos, images and other resources that are transported across the Internet.					
Web Server	This is a powerful computer with only one job, to store and allow people to download web pages and other resources that are stored on it using the Internet.					
Bandwidth	How much data your computer can transfer in 1 second. Usually measured in Megabits.					



Year 9 Computing

Web Design

Web Page Design				
Web Page	A document that you can download from the Internet.			
Website	A set of web pages that are linked together all provided by one person or organisation.			
Web Authoring Software	Software that allows you to create a web site.			
Site map	A list of pages on a web site showing which pages connect to other pages.			
House style	A set of rules for how all pages on the web site will look to try and keep the same style for each page. E.g. colours used, where the logo is placed, where the navigation bar will be.			
Master Page	Provides a template for all other pages to follow.			
Visualisation Diagram	A rough sketch of what something will look like, usually drawn by hand.			
Version Control	Keeping track of the different changes to a file. Each time the file is changed and saved you would update the version number of a file e.g. version 1.0, version 2.0, version 2.1.			
Resources of a website	The information that appears on a website. This can be in the form of: - Images - Sound - Video - Animation - Text			

Components of a Website		
Navigation bar	A set of buttons or images that a user can click on to go to a different page on a web site.	
Hyperlink	An image or text that can be clicked on that will navigate you to another page.	
Buttons	Images that can be clicked on to navigate you to another page.	
Backgrounds	The colour or image that appears behind everything else on a web page.	
Banners	A short and wide image at the top of a website. This would usually have the title of the website or the company logo in it.	
Text	The writing that appears on a web page.	
Fonts	The style of the text that appears on a web page.	

Devices that can be used to access web pages		
Laptops and PCs		
Smartphones		
Tablets		
Games Consoles		
Smart TVs		

Year 9 Art - Drawing Skills

What happens when we stop trying to make "perfect" drawings?Accuracy

Drawings that show a full range of tones, or shades, look more realistic. Study the different shades in your subject carefully - some areas will be lighter and some darker. These tones are dependent on where the light source is. Drawings can seem flat if there is little difference between the darkest and lightest areas.

Objects are three-dimensional, so tone changes over the surface.

Light and Dark Values:

Shading creates the **illusion** of light and shadow, allowing artists to convey the three-dimensional form of objects.

Pressure Control:

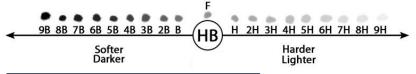
The harder an artist presses down on the pencil, the darker the stroke will be.

Stroke Direction:

The direction of pencil strokes can influence how shadows and highlights are **rendered**, adding texture and depth.

Layering and Blending:

Overlapping strokes and **blending** them can create smoother transitions between light and dark areas.



Do you need talent to be an artist?

The more you look at your subject matter, the better your drawing will be. When you are making a closely **observed** drawing spend more time looking than you do drawing. Remember to look carefully at:

- edaes
- spaces
- relationships between objects
- light and shadows

A contour drawing uses the outline of shapes to show the subject. It is made up entirely of lines, with no shading or tones.

Blind contour drawing - This involves drawing while you look at your subject not the drawing. This helps you concentrate on what you see rather than what you think it should look like.

Continuous line drawing is a similar technique, however there must be continuous contact between the drawing tool and the surface that is drawn on. This technique helps you concentrate on varying the weight of line produced by changing the pressure you apply while drawing.

Drawing





Background. - The part of an artwork that seems the farthest away.

Bird's Eye View. - A point of view looking down directly from above.

Composition - describes the different ways elements of an artwork are arranged.

Continuous Line Drawing - is a type of line drawing where the drawing implement is not taking off the page until the drawing is complete. It is often a fast paced way of working resulting in fluid mark making.

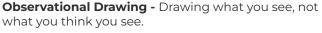
Contour Drawing - is a type of drawing where only the outlines of shapes within the subject of the drawing are drawn.

Direct Observation - is drawing from life rather than drawing from a photograph.

Foreground - The part of the artwork that seems to be closest to you.

Line - A line is a path made by an object moving across a surface.

Middle Ground - The middle layer of an artwork that appears to be between the foreground and background.



Perspective - refers to the representation of objects in three-dimensional space on the two-dimensional surface of a picture.

Scale - refers to the actual size of an artwork or the size of the objects in an artwork.

Still Life - A painting or drawing that shows an arrangement of objects.





Year 9 Art - Cubism and Lino Printing

Does all art need to be realistic?

Realistic and abstract art differ mainly in how they represent the world. Realistic art aims to depict subjects as they appear in real life, focusing on accurate detail, **proportion**, and **perspective**. In **contrast**, abstract art does not try to represent reality directly; instead, it uses shapes, colours, lines, and forms to express emotions, ideas, or concepts.

Personal opinion can help you understand artwork by encouraging deeper engagement and emotional connection. When you express your own thoughts, feelings, and **interpretations**, you actively explore the meaning behind the piece. This reflection helps you consider the artist's choices—such as colour, composition, and subject matter—and how they affect you personally. Your opinion may reveal cultural, emotional, or symbolic layers that aren't immediately obvious. It also opens the door to seeing art from different perspectives, making your understanding more thoughtful and personal rather than just technical or factual. In short, your opinion turns passive viewing into active understanding.

How can artists use pattern in art?

Patterns are all around us, in nature as well as in art and design. We see patterns where shapes, lines or colours are repeated. How complicated a pattern is depends on what is repeated and the way in which it is repeated.

Patterns can be regular or irregular.

In regular patterns the motif (or motifs) is repeated in a way that is **predictable**. It could be exactly the same each time, or it could change in a way that is regularly repeated. An irregular pattern is one in which the motif changes or the way it is repeated is unpredictable.

A radiating is a pattern that is arranged around a central point is called a radiating pattern. It seems to radiate out in all directions. Radiating patterns result in designs that feel balanced. They can be an effective way to create a focal point at the centre of the pattern.









How do you think Art will look in the future?

Fine artist - Fine artists create and sell their original artwork, often specialising in mediums such as painting, drawing or sculpture. There are no formal qualification requirements for a career.

Illustrator - Illustrators work to a brief to create designs for products such as books, cards and clothes. You can start out by taking on small or unpaid commissions and freelancers can register with the Association of Illustrators to access resources and opportunities for self-promotion.

Graphic designer - Graphic designers create clear and eye-catching graphics for media products such as websites, magazines and advertisements.

Photographer - Photographers take and edit photos according to a brief and usually specialise in an area such as commercial photography (including areas such as weddings or photojournalism) or fine art photography.

Interior designer - Interior designers design and renovate interiors according to the wishes of clients, considering cost, the type of building and the space they are working with – giving them an opportunity to use both creative and practical skills.

Curator - Curators look after and organise artworks that a museum or gallery owns or has on loan, often specialising in a specific style or period.

Art therapist - Art therapists use art to guide and help people suffering from mental or physical health problems.

Product designer -Product designers design and improve everyday items according to a brief, and often create and test prototypes. A good level of computer literacy is essential for this.

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Year 9 Design - GCSE Project

Do all ideas come from another?

Artists and designers find stimuli in the world around them or research a particular topic to find stimuli. They use this material to help them generate a personal creative response in their work.

A stimulus is something which interests an artist or designer and gives them new ideas. A stimulus can be as simple as a word or as complex as a novel, person, place or an entire culture. The plural is stimuli.

In design work, carrying out market research might suggest possible starting points. You may also work from a source of inspiration or from a design problem as a stimulus to help you generate ideas.

There are many different ways to respond to stimuli for design work. You could:

- Base a list or a spidergram on your design brief to explore possibilities.
- Make a collage of market research images in your sketchbook or make a moodboard .
- Make a collection of images of designers' work that you particularly admire.
- Make a collection of images relating to your source of inspiration.
- Make 3D forms based on your source of inspiration, if appropriate.
- Take photographs.
- Doodle some initial ideas in your sketchbook.
- Make drawings based on your source of inspiration.

Do designers need to follow rules?

Designers use a brief to give them guidance and focus. A brief helps define the design problem and gives details on important considerations and constraints.

Once they have decided on a basic design problem, they then expand on it to create your brief.

To do this, they identify key considerations for the brief. These can be:

- aesthetic considerations these relate to the appearance of a design
- functional considerations- these relate to the purpose of a design
- market considerations these relate to who a design is for

By creating a design brief, designers can see if they have been successful or not once they've produced their final idea.

Developing Successful Ideas





Do you only need one good idea?

Developing ideas is part of the creative process for artists and designers. By exploring and refining ideas, effective decisions can be made about the final piece of artwork or design solution. There are many ways to develop ideas for design.

Refining Your Ideas Refinement does not involve major changes, but is about making small changes which improve the idea in some way.

This might be done by:

- Varying a technique eg producing a graphic design using software to achieve a more professional look
- Producing a jewellery or textile design using different materials
- Modifying an idea so that it functions more effectively or looks more aesthetically pleasing.
- Changing a particular part of a design eg changing a handle on a product so that it can be picked up more effectively.
- Enhancing the idea by experimenting with materials that give a better finish.
- Altering one visual aspect eg changing the type of repeat pattern in a textile design, or changing the scale of an element to make a design look more interesting.
- Fine-tuning a design through small changes - eg making a chair design balance more effectively.
- Changing the position of particular elements - eg re-arranging windows in an architectural model to improve the use of natural light in the building.



Drama Keywords

Tone of Voice	The emotion heard in your voice to express how the character is feeling.
Body Language	To show your emotion towards others/the situation in your body.
Posture	How a character stands, e.g. upright, hunched, slumped.
Movement	How the character physically inhabits the character and travels around the stage.
Narration	To tell a story/information of what is happening to the audience.
Flashback/ Flash Forward	A scene which shows events from before or after the main action of the play. It can give extra information about the plot or help to develop characters.
Analyse	To look at the information provided and break it down to identify and interpret the main points being raised. You need to talk about specific effects this has in Drama.
Evaluate	To evaluate is to make a personal judgement about the performance using the available evidence.

Year 9 Drama - Autumn Term 1 Theatre in Education project

Key Knowledge

- We will explore Theatre in Education and how/why it was created
- We will discover how traditional theatre practices have influenced
 Theatre in Education, and how schools and teachers can utilise this
 style to enhance learning
- We will create our own TIE theatre companies and produce a play which educates children on the transition from primary to secondary school
- We will explore creating theatre for a specific audience









Year 9 Drama - Autumn Term 2 Devising

Key Knowledge

- We will explore a range of stimuli to help us create interesting pieces of theatre
- Working in groups, you will carry out research to enhance your performance
- We will explore Genre, Practitioners, Target Audience and Staging
 Types, thinking about skills and techniques you can use
- You will log and evaluate the process of devising process









Philosophy - love of wisdom

Ethical theories - ways of deciding what is right and wrong

Thomas Aquinas (1225-1274) believed that all humans were built with an inbuilt knowledge of Gods' <u>natural Law</u>. These were to protect the innocent, reproduce, live in society, worship God and educate children. Therefore, these laws are <u>absolute</u>.

Immanual Kant (1724-1804) introduced <u>duty</u> <u>based ethics</u>. He said that doing the right thing was easy, we should use absolute morality and do our duty. We should also never tell lies and if we make a rule, it must be for everyone. These rules are <u>absolute</u>.

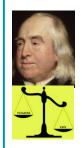
Utilitarianism_is an ethical theory from <u>Jeremy</u>
<u>Bentham</u> (1748- 1832). He believed that we should use <u>relative morality</u> to make decisions.

Bentham said that we should use the hedonic calculus to make decisions. *Pleasure - pain = the right choice*

Joseph Fletcher (1905-1991) put forward situation ethics. He argued that choices need to be made based on the <u>circumstances</u>. Fletcher was influenced by his Christian values of Love and the story of the <u>Good Samaritan</u>. He believed that we should make decisions based on relative morality.









The Parable of the Good Samaritan - NIV

An expert in the law stood up to test Jesus. "Teacher... what must I do to inherit eternal life?"..."Love the Lord your God with all your heart and with all your soul and with all your strength and with all your mind and, love your neighbour as yourself."...the man asked"And who is my neighbor?" Jesus said: "A man was going down from Jerusalem to Jericho, when he was attacked by robbers. They stripped him of his clothes, beat him... leaving him half dead. A priest ... passed by on the other side. So too, a Levite... But a Samaritan (his enemy) ...took pity on him; ...bandaged his wounds ... put the man on his own donkey, brought him to an inn and took care of him ... (Jesus asked) "Which of these three do you think was a neighbour...? The expert in the law replied, "The one who had mercy on him." Jesus told him, "Go and do likewise."



Peter Singer (born 1947) Singer's theory of animal liberation requires that we reject speciesism, which would, for example, prevent the use of animals in experiments in those situations in which we would not use humans who had the same interests at stake. Singer is a Utilitarian.

Additional Key Terms

Absolute morality: some things are always right, or always wrong. <u>Circumstances don't make a difference.</u>

Relative morality: what is considered right or wrong <u>depends on circumstances</u>. It depends on what is happening in society now.

Abortion: The termination of a pregnancy

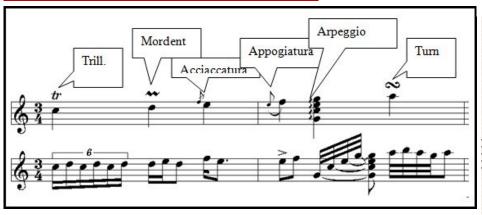
Euthanasia: The ending of a life for reasons of compassion

IVF: In vitro fertilization

Genetic engineering: The changing of a genetic structure

Music Keywords		
Chromatic scale	A scale that involves every single note played individually.	
Cluster chord	A group of notes close together that are played at the same time.	
Drone	A continuous sounding note. Often in the bass end of the piano or instrument.	
Motif	A musical idea that represents a theme.	
Ostinato	A repeated musical idea	
Glissando	A slide from one note to another.	
Sequence	A musical idea repeated but a note higher or lower each time.	

Ornaments



Musical knowledge - How to Read Music

Definitions

- 1. Pulse = the underlying count in the music. Like a heartbeat. You clap/dance to this. You feel it rather than hear it.
- 2. Rhythm = long and short notes, and the gaps between them:



Bars and time signatures

1. Notes on the stave are divided up into bars by bar lines.



- 2. The time signature = two numbers at the start of the music. It tells us how many beats that in the piece. 2. The time signature = two numbers at the are in a bar: how we count in the piece.
- 3. The top number tells us how many beats are in a bar. The bottom number tells us what sort of beats they are.







How to read rhythms

Half Note/Rest (Minim)

long as each bar adds up correctly.

1111

together. Remember each blob is a note.

1. The blobs of the notes are arranged on the lines and spaces of the stave. The higher the blob on the stave, the higher the pitch.

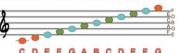
1. These are the basic types of notes. American note names are

2 beats

1 beat

1/2 beat

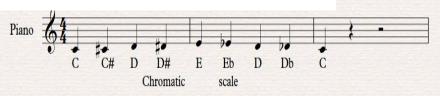
more logical: here, the UK names are in brackets. 2. Rhythms can be made up of any combination of notes or rests, as

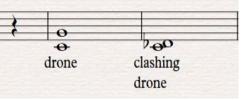


- 2. Notes alternate being on a line and in a space.
- Notes higher or lower than the stave have their own little line called a ledger line, like middle C shown above.
- You can remember the notes on the lines with 'Every Good Boy Deserves Football', and the notes in the spaces spell 'FACE'. Remember to go upwards when doing this!

Specific techniques









Year 9 PE - Football

KEY TERMS

- Possession
- Shadowing
- Tactics
- Crossing
- Low block
- Goal kick
- Jockeying
- Counter Attack
- Throw-in
- Strategy

SKILLS IN ISOLATION

Passing

Tackling

Dribbling

Running with the ball

Volleying

Control

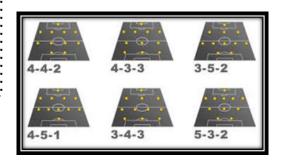
METHODS OF TRAINING

Continuous – working with no rest Interval– periods of high intensity work and rest

Resistance – uses free weights or machine to improve strength and power **Circuit** – a series of stations to improve specific components of fitness

Fartlek - 'speed play'

Plyometric – explosive movements to improve power



RULES AND REGULATIONS

- Game is started by a kick off in the centre of the pitch.
- In a full sided game each team consists of 11 players.
- If the ball goes off the side of the pitch it is a throw in to the team that didn't touch the ball last.
- If the ball goes off the end of the pitch it is a corner or a goal kick depending who the ball touched last.
- Depending on where the incident takes place, a free kick or a penalty is awarded if the player in possession of the ball is illegally infringed.
- The goalkeeper is the only player allowed to touch the ball with their hands and can only do this inside their 18 yard box.
- To score a goal, the ball must cross the opposition's goal line.
- If a player is past the opponent's last defender and in the opposition half when the ball is passed they are offside and a free kick is awarded to the opposition team.

COMPONENTS OF FITNESS

Cardiovascular Fitness – being able to exercise the whole body for long periods of time

Agility – Change direction quickly with control

Speed – the rate in which you perform a movement

Strength – the amount of force a muscle can generate

Power – performing a forceful movement as quickly as possible

Co-ordination – moving two or more body parts together

Year 9 PE - Gymnastics

KEY TERMS

Sequence; A sequence is a series of movements which flow together. When composing a sequence it must have a clear start and end. Think of this at the Capital letter to start a sentence and a full stop to end it.

Any gymnastics routine should aim to be aesthetically pleasing and display the following:

- Extension
- Body tension
- Control
- Clarity of shape
- Resilience
- Flow

SKILLS IN ISOLATION

Key Shapes	Key Skills
Tuck	Forward roll
Straddle	Backwards roll
Pike	Cartwheel
Dish	Summersault
Arch	Headstand
Puck	Handstand
Star	Round off
Straight	Walk over



Apparatus

Pommel horse, rings, high bar, parallel bars, vault, balance beam, asymmetric bars.

Floor routine

Create a sequence combining and linking key shapes and skills.

Rhythmic routine

Ball, Clubs, Rope, Ribbon, Hoop



WHAT FITNESS TEST WOULD YOU DO FOR EACH COMPONENT OF FITNESS?

Balance, Strength, Flexibility, Co-ordination,

Power, Speed, Agility,

Muscular Endurance, Reaction Time.

What fitness tests do you need to be good at for gymnastics?

How could you improve each of them?



RULES AND REGULATIONS

A gymnast must create her own routines at an appropriate skill level for his/ her degree of difficulty.

No jewellery, body piercing or adornments of any kind are permitted

A judge panel usually scores gymnastics competitions.

Gymnasts have two different **scores**, the D **score** (difficulty of the routine) and the E **score** (execution of the routine aka how neat and tidy it is!).

All **gymnasts** begin with a 10.0 execution **score** which then has points removed for faults such as bent legs, arms and falls.

Set yourself a weekly target to improve your health and fitness.

Year 9 PE - Netball

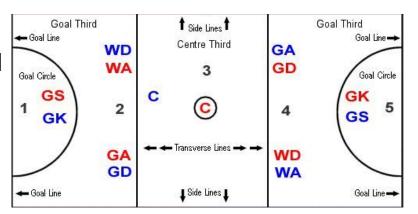
CAN YOU MATCH THE FITNESS TEST TO THE COMPONENT OF FITNESS?

Cardiovascular fitness Agility Balance

Coordination Power

Speed

Illinois run
3 ball juggle
30m sprint
12 min Cooper run
sergeant jump
standing stork



METHODS OF TRAINING

Continuous - working with no rest.

Circuit - A series of exercise stations to develop relevant components of fitness.

Interval - Periods of work and rest.

Fartlek - 'Speed play' - similar to interval.

Weight - Lifting light or heavy weights to improve endurance or strength.

Plyometric - Explosive movements to improve power.

HOW CAN YOU APPLY THESE TO NETBALL? ARE SOME MORE SUITABLE THAN OTHERS? WHY?



SKILLS IN ISOLATION

Passing – chest, shoulder, bounce, over head.

Handling – ball control. **Catching** – 1 and 2 handed.

Footwork – landings, pivot, running pass.

Evasion – holding space, dodging.

Shooting – 1 or 2 handed,

forward/backward step.

Defending – stage 1 man to man, stage 2 defend the pass, stage 3 deny space.



APPLICATION OF SKILLS

Set plays e.g. centre pass, back lines Decision making

Demonstrate communication on court Adapt to the environment Adhere to the rules and safety advice



KEY TERMS

Goal Third – The 2 areas of the court including the shooting circle.

Centre Third – The area in the middle including the centre circle.

Umpire – The name of the person who officiates the match.

Intercept /

Interception – Gaining the ball by getting in between a pass from the opposing team.

Possession – Keeping the ball.

RULES AND REGULATIONS

Rules resulting in a FREE PASS (Involves 1 player):

FOOTWORK – A player must not move their landing foot before passing the ball.

OFFSIDE – A player must stay in their playing area. See diagram above.

HELD BALL - The ball can only be held for 3 seconds by a player.

REPLAYING – A player must not bounce the ball to themselves when playing.

Rules resulting in a PENALTY PASS (Involves 2 players): **CONTACT** – A player must not touch another player whilst on court.

OBSTRUCTION – Any player must stand 1 metre away from the player with the ball.

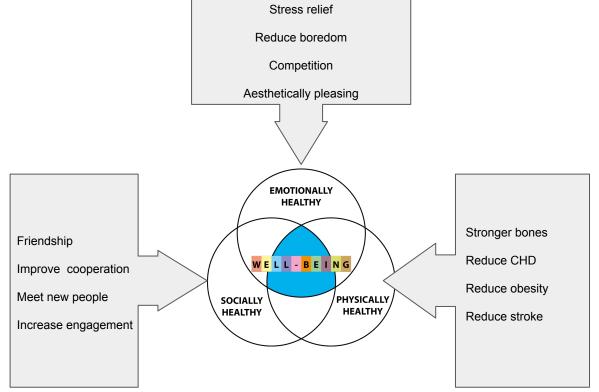
YEAR 9 THEORY Health Fitness and Wellbeing

Sedentary Lifestyle

A sedentary lifestyle is a lifestyle where there is very limited or no physical activity.

- ★ What risks would this have on health?
- ★ Create an eatwell plate for the food you ate yesterday.
- ★ How many hours are you active per week?





Nutrition

• Macronutrients:

1. Carbohydrates 2. Proteins 3. Fats

• Micronutrients:

4. Vitamins 5. Minerals

Other

6. Water 7. Fibre

My, Very, Fast, Friend, Can't, Water, Plants



Influences of participation

- 1. **Gender** stereotypically, boys play more football and rugby. Girls do dance and gymnastics!
- 2. **Age** young people have access to more sporting activities?
- 3. **Socio-economic** golf is expensive so you can only play if you have money.
- 4. **Ethnicity** stereotypically, Americans play ice hockey and baseball.
- 5. **Disability** there are no disability clubs near me so I can't take part.
 - ★ Do you agree or disagree with these statements?