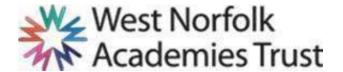
Year 9 Knowledge Organiser

Autumn Term 2024/25

Name:

Form:



Week 1/A

	Monday	Tuesday	Wednesday	Thursday	Friday
Tutor Time					
1					
2					
3					
4					
5					

Week 2/B

	Monday	Tuesday	Wednesday	Thursday	Friday
Tutor Time					
1					
2					
3					
4					
5					

Contents Page

Page	Content
4	Policies, Pastoral Contact & Term Dates
5	Personal Details
6-7	Calendar
8-9	Homework Log and Parental Check
10 – 11	Reading Log
12 – 13	Reading Passport
14 – 15	Instructions and Revision Strategies
16 – 17	Art
18 – 19	Citizenship
20 – 21	Computing
22 - 23	Dance
24 – 25	Drama
26 – 27	English
28 - 29	Food Preparation and Nutrition
30 – 31	French
32 - 33	Geography
34 - 35	German
36 - 37	History
38 - 39	Mathematics
40 – 41	Music
42 – 43	PE
44 – 47	Religious Studies
48 – 49	Science – Biology
50 – 51	Science – Chemistry
52 – 53	Science – Physics
54 – 55	Spanish
56 – 61	Technology
62 – 63	School Pages
64 – 66	Staying Safe and British Values

Autumn Term

Attendance and Absence

In cases of absence, parents are asked to contact the relevant staff office, as early as possible, giving details. The only acceptable reasons for absence are unavoidable ones such as illness. Appointments of all kinds should be made out of school time whenever possible.

Punctuality

While some delays are unavoidable, pupils should be punctual to lessons. Anyone arriving late to school must report to the relevant staff office and use the late system in order to get a mark. Late after registration closes is technically an **unauthorised absence**.

Pastoral Support Contacts	
Telephone Number:	
Email Address:	

Term Dates Summary

Autumn Term 2024						
Wednesday 4 Sept –	Half-term: Monday 28 Oct –	Monday 4 Nov —				
Thursday 24 Oct 2024	Friday 1 Nov 2024	Friday 20 Dec 2024				
Spring Term 2025						
Tuesday 7 Jan –	Half-term: Monday 17 –	Monday 24 Feb –				
Friday 14 Feb 2025	Friday 21 Feb 2025	Friday 4 Apr 2025				
Summer Term 2025						
Wednesday 23 Apr –	Half-term: Monday 26 –	Monday 2 Jun –				
Friday 23 May 2025	Friday 30 May 2025	Tuesday 22 Jul 2024				

What I want to achieve this term:
School Login Details:
My extra curriculars this term:

Autumn Term 1 Calendar

September 2024				
1	Sun			
2	Mon			
3	Tue			
4	Wed			
5	Thu			
6	Fri			
7	Sat			
8	Sun			
9	Mon			
10	Tue			
11	Wed			
12	Thu			
13	Fri			
14	Sat			
15	Sun			
16	Mon			
17	Tue			
18	Wed			
19	Thu			
20	Fri			
21	Sat			
22	Sun			
23	Mon			
24	Tue			
25	Wed			
26	Thu			
27	Fri			
28	Sat			
29	Sun			
30	Mon			

	October 2024				
1	Tue				
2	Wed				
3	Thu				
4	Fri				
5	Sat				
6	Sun				
7	Mon				
8	Tue				
9	Wed				
10	Thu				
11	Fri				
12	Sat				
13	Sun				
14	Mon				
15	Tue				
16	Wed				
17	Thu				
18	Fri				
19	Sat				
20	Sun				
21	Mon				
22	Tue				
23	Wed				
24	Thu				
25	Fri	Staff Training Day			
26	Sat				
27	Sun				
28	Mon	Half Term			
29	Tue				
30	Wed				
31	Thu				

Autumn Term 2 Calendar

	No	vember 2024
1	Fri	
2	Sat	
3	Sun	
4	Mon	
5	Tue	
6	Wed	
7	Thu	
8	Fri	
9	Sat	
10	Sun	
11	Mon	
12	Tue	
13	Wed	
14	Thu	
15	Fri	
16	Sat	
17	Sun	
18	Mon	
19	Tue	
20	Wed	
21	Thu	
22	Fri	
23	Sat	
24	Sun	
25	Mon	
26	Tue	
27	Wed	
28	Thu	
29	Fri	
30	Sat	

	De	cember 2024
1	Sun	
2	Mon	
3	Tue	
4	Wed	
5	Thu	
6	Fri	
7	Sat	
8	Sun	
9	Mon	
10	Tue	
11	Wed	
12	Thu	
13	Fri	
14	Sat	
15	Sun	
16	Mon	
17	Tue	
18	Wed	
19	Thu	
20	Fri	
21	Sat	
22	Sun	
23	Mon	Christmas Break
24	Tue	
25	Wed	
26	Thu	
27	Fri	
28	Sat	
29	Sun	
30	Mon	
31	Tue	

Homework Log and Parental Check

Monday Tuesday Wednesday Thursday Friday Week 2 Subject 1 Subject 2 Signed Monday Tuesday Wednesday Thursday Friday Week 3 Subject 1 Subject 2 Signed Monday Truesday Friday Week 3 Subject 1 Subject 2 Signed Monday Tuesday Wednesday Thursday Friday Wednesday Thursday Friday Wednesday Thursday Friday Week 4 Subject 1 Subject 2 Signed Monday Tuesday Friday Week 4 Subject 1 Subject 2 Signed Monday Truesday Friday Wednesday Thursday Tuesday Thursday Friday Friday	ek 1	Subject 1	Subject 2	Signed
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Wednesday Thursday				
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Week 5 Subject 1 Subject 2 Signed	ek 5	Subject 1	Subject 2	Signed
Monday		,	,	U
Tuesday				
Wednesday	V			
Thursday	-			
Friday				
Week 6 Subject 1 Subject 2 Signed	ek 6	Subject 1	Subject 2	Signed
Monday		,	,	<u> </u>
Tuesday				
Wednesday	У			
Thursday	,			
Friday				
Week 7 Subject 1 Subject 2 Signed	ek 7	Subject 1	Subject 2	Signed
Monday		-	,	Ü
Tuesday				
Wednesday	У			
Thursday	-			
Friday				

Homework Log and Parental Check

Week 8	Subject 1	Subject 2	Signed
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Week 9	Subject 1	Subject 2	Signed
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			
Week 10	Subject 1	Subject 2	Signed
Monday	,	,	<u> </u>
Tuesday			
Wednesday			
Thursday			
Friday			
Week 11	Subject 1	Subject 2	Signed
Monday	,	,	<u> </u>
Tuesday			
Wednesday			
Thursday			
Friday			
Week 12	Subject 1	Subject 2	Signed
Monday	,		5 · g · · · · ·
Tuesday			
Wednesday			
Thursday			
Friday			
Week 13	Subject 1	Subject 2	Signed
Monday	,		5 · g · · · · ·
Tuesday			
Wednesday			
Thursday			
Friday			
Week 14	Subject 1	Subject 2	Signed
Monday	200,000	200,000.2	3.9.100
Tuesday			
Wednesday			
Thursday			
Friday			
aay			

Reading Log

Use this reading log to keep a record of the books you read during the year. You should also use this reading log to record the books from the Reading Passport that you have read but make sure your tutor records them, too.

Title and Author	Date	Starting Page	Last Page	Review and Test Score	Reading Log
				-	
					Teacher Initials
Title and Author	Date	Starting Page	Last Page	Review and Test Score	Reading Log
				-	Teacher Initials
				-	
Title and Author	Date	Starting Page	Last Page	Review and Test Score	Reading Log
					Teacher Initials

Title and Author	Date	Starting Page	Last Page	Review and Test Score	Reading Log
				_	Teacher Initials
Title and Author	Date	Starting Page	Last Page	Review and Test Score	Reading Log
					Teacher Initials
Title and Author	Date	Starting Page	Last Page	Review and Test Score	Reading Log
				_	
				_	Teacher Initials

Year 9 Reading Passport

We have created a Reading Passport to inspire students to read some of the best literature available to them. Over the course of the year, we expect students to read as many of the texts included in the passport for their year group as possible.

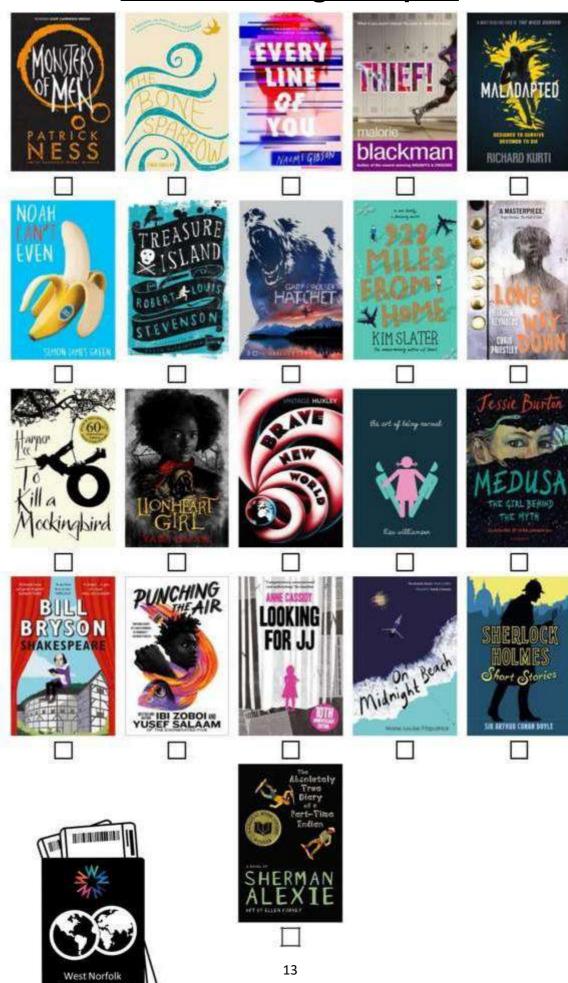
If students manage to read 7, or more, books from this passport by the end of the year they will <u>receive a certificate</u>. They can, of course, read other books and texts throughout the year and we encourage and support students' wider reading. Students can track which texts they have read using the tick boxes on the next page.

The books selected are fantastic examples of modern and classical literature, representing the best the world has to offer. Students can read these texts independently or they could listen to them on audiobook. The important thing is that they will experience a variety of genres, authors, and stories! We hope that all students will finish Year 11 having read at least 35 incredible books.

The easiest way to get hold of these books is from our school library where children can take them home to read. These texts can also be purchased from Amazon, or from many local bookstores.

Whilst every care has been taken to check the suitability of the books included in our Reading Passport, we are aware that children mature at different rates. Therefore, we strongly recommend that parents discuss their child's reading choices to ensure they are appropriate for them.

Year 9 Reading Passport



Academies Trust

Instructions for Using Your **Knowledge Organiser**

Every school day, you should study 1 to 2 subjects from your knowledge organiser for homework lasting at least 1 hour in total.

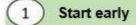
On pages 8 and 9 there is space for you to record the subjects you have studied to make sure you are giving equal time to all of them. Your parent should sign off your homework each evening on these pages.

Your parent should also sign your reading log on pages 10 and 11. You can use the note pages in this booklet to help with your studies.

You need to bring your Knowledge Organiser to school every day. It will be checked regularly during form time.

You will be regularly tested on knowledge contained in this booklet.

8 Top Revision Tips



Last minute cramming is stressful and has limited success.



Pick a good spot

Find a guiet and comfortable spot away from distractions and keep all of your things in one place.



Take breaks

It is possible to work too hard! Your brain needs rest and time to proces the information you've studied.

Use past papers

These are a great way to test yourself and a good way to get used to the exam format



Make a plan

Work out how much time you have and how much of it you can spend on each subject.



Find a good method

Choose the best revision methods for you and try to use a mixture of methods for the best results.



Eat well

help information stick.

You need to maintain a healthy diet to be able to retain information and not lose energy or focus during study.



LONG TERM MEMORY



Retrieval Practice

Create your own quizzes pased on topics.

vourself or get someone to test you, it works! Create them, test

Deliberate Practice

Revise it, practice exam Apply your knowledge!

questions and then go over using your notes, adding or edrafting!

Elaborate Practise answers Test Space Plan topic IIII IIII THE PRINCE THE MEMORY CLOCK 1111 Re-draft Read examiner Set a timer Read mark Recreate exam

Answer Planning

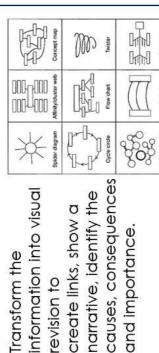
Graphic Organisers

Practice planning exam question answers.

Transform the

and draft key paragraph Bullet point, speed plan questions.

15



create links, show a

revision to

and importance.

Flashcards



Create with questions answers on the other specific topics and side. Colour code on one side and quiz yourself.

Read Aloud

facts – it really helps you eading the Knowledge Organiser. Even try to act out some of the out loud as you're Simply speak the facts and dates remember!



Hide and Seek

and try and write out knowledge organiser as much as you can / book, put it down Read through your remember. Then

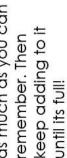
of the facts or dates. It could be a

Draw pictures to represent each

Sketch it

simple drawing or something that

reminds you of the answer.



Practice

Record yourself on your phone or tablet reading out the Record It writing the facts over remember by simply and over again. Some find they



Teach it!

remember in only 1

minutel

as you can

out as many of the keywords or dates

post-it notes, write

Using a pack of

Post its

istened to as many times as

/ou want!

nformation. These can be

facts and then get them to est you, or even test them! Teach someone your key

Year 9 Autumn Term Knowledge Organiser

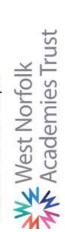
Art - Illustrative Art - Automatic Drawing:

Automatic Drawing: A drawing technique developed by surrealists as a way of expressing the subconscious. In automatic drawing, the hand can move randomly and freely across the paper.

ms	Where you place objects / imagery on the page or in a space.	A person who draws or creates pictures for magazines, books, advertising, etc.	When something only contains one colour or is black and white.	A mural is a painting or illustration applied directly onto a wall, ceiling or other permanent surfaces.
age and Teri	Composition	Illustrator	Mono- chromatic	Murals
Art Specific Language and Terms	Contemporary art is the art of today, produced in the second half of the 20th century or in the 21st century.	How carefully you work with a specific media.	When you are given a starting point for a drawing and then complete the drawing using your own creative imagination.	Random, thoughtless drawings on whatever topics happen to be flowing through the artist's' head.
	Contemporary Art	Control	Extended Drawing	Doodle

Illustration as a form of art:

An illustration is a drawing, painting or printed work of art which explains or visually represents something or a particular story. Historically, book illustration and magazine/newspaper illustrations have been the predominant forms of this type of visual art, although illustrators have also used their graphic skills in the fields of poster art, advertisements, comic books, animation, greeting cards & cartoon-strips.



Lucy McLauchlan:

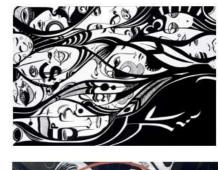
Lucy is an artist from
Birmingham. She makes
murals, installations,
painting, and other types
of mixed media work.
The images are often
complex black and white
patterns and recently
she has explored the
abstract forms created
by large brush strokes.



Grand union canal



Out of the circle



It takes two

Year 9 Autumn Term Knowledge Organiser

Art - Illustrative Art - Printmaking:

Screen printing: a printing technique where a mesh or screen is used to transfer ink onto a surface, except in areas made impermeable to the ink by a blocking stencil.

erms	Producing reduction lino prints involves cutting and inking several layers from a single lino block to create a multi-coloured print.	An emulsion which is 'scooped' across the mesh of a screen and then exposed to ultra-violet light, through a film or transparency printed with the required design. This hardens the emulsion in the exposed areas but leaves the unexposed parts soft. They are then washed away using a water spray, leaving behind the desired image.
age and T	Reduction Lino Printing	Photo-emulsion (Screen printing)
Art Specific Language and Terms	Cyantotypes- photographic prints created by placing objects onto cyantotype paper and exposing to UV light. Chemigrams- objects dipped into photographic chemicals and then placed onto photo paper.	Relief printing is a printing method where a printing block or plate is created by removing/cutting away negative sections of an image or by adding layers to create a raised surface (collagraph). Ink is then applied to its surface, but not to any recessed areas and then brought into contact with paper. Pressure is applied to transfer the ink either by hand or by using a printing press.
	Contact Printing (Cyantotypes & Chemigrams)	Relief Printing

Lino Printing:

Lino printing is a form of fine art printmaking where the printing plate is cut into lino. The lino is then inked, a piece of paper placed over it, and then run through a printing press or pressure applied by hand to transfer the ink to the paper. The result is a linocut print. The advantage of this printing method is that multiple prints can be made allowing for experimentation of colour and layering of colour.



Examples of Artists that use Printmaking Techniques:



Cyanotype Anna Atkins

Shepard Fairey, Eye 2009

Screen printing





Lino cut Brian Reedy

Y9 CITIZENSHIP KNOWLEDGE ORGANISER

Key words

A law created by Parliament that states a General Election must take place every five years.	A system of government based upon the consent of the people through an open and fair electoral system.	The body that makes new laws – fancy name for Parliament.	A law that has been passed in Parliament and must be followed.	A political system of government that lacks some or all of the elements that make up a democratic political system.	The voting system used in UK general elections. The person with the most votes wins a seat in Parliament, even if they only win by a single vote.
Fixed Term Parliament Act 2011	Democracy	Legislafor	Legislation	Non-democratic	First Past the Post

pass through Commons, Lords and get approval Parliament. They must Laws are made by from the Monarch.

Election. The winners are the party with the most from the winning party elected in a General

are elected and Peers are

appointed.

Commons and Peers work in the House of Lords. MPs

MPs work in the House of

Government vs. Parliament

The winning party in a general election form the government.

Known as the legislature.

Debates and discusses

new laws, can also remove old laws.

> executive' elected to run the country. Known as the

mportant, senior MPs cabinet – a group of At its centre is the with specific roles.

Sovernment is formed

Question time!

The Head of State in the UK

Who is the symbolic head of the Commonwealth?

How do Life Peers get their job?

When was the Magna Carta infroduced 9

Challenges and scrutinises the government. The UK constitution is

ine or false?

Sovernment, MPs and

Includes the Queen,

Democratic vs Undemocratic CASE STUDY

Autumn Term

United Kingdom

North Korea

Only one candidate to vote

Choice of candidates to vote for

Voting in private is seen as disloyal and disrespectful

Allowed to vote in private (secret ballot)

people can be candidates Only pre-approved loyal

Ø

Anyone can become

candidate

You have the right to choose

Everyone must vote – those who do not are punished

whether to vote or not

Brush up on your skills

Critical enquity - Looking into a topic in detail. Questioning different opinions and seeking to discover a range of other views. informing opinions - Giving other people information in order to try and change their opinions and views. Active Participation - Taking part by becoming involved; doing something or saying something to try and make a change or make a difference.

How can you link different topics together? Making connections

Government + Parliament + MPs + Peers Legislature + Laws + Citizens Democracy + PR + FPTP

Laws + Head of State + House of Lords + House of Commons Political Parties + MPs + Representative + Democracy

Autumn Term 79 CITIZENSHIP KNOWLEDGE ORGANISER

	Command Words
Analyse	Separate information into components and identify their characteristics.
Compare	Identify similarities and/or differences.
Examine	Investigate closely and make comment.
Explain	Set out purposes or reasons.
Justify	Support a case with evidence.
Summarise	Present principal points without excessive detail.

First Past the Post

Usually produces a decisive result

Allows winning party to govern strongly without relying on support from others Not a fair representation of actual votes

Less chance of minority parties gaining seats in Parliament

Name the political party.

How is a law made?

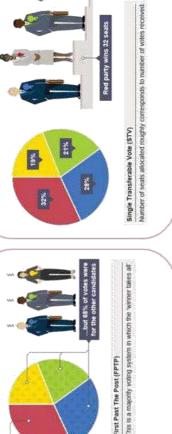
Proportional Representation

decisions when there is a bigger mixture of Harder for politicians to make difficult different parties & opinions

Fair & realistic representation of votes

Rarely produces an absolute majority for one party to govern

Greater choice for voters by reducing dominance of larger parties



First Past The Post (FPTP)

Question time!

A rule that has been approved by government and applies to all cifizens in the UK". This is the definition for...?

What is the name for a piece of draft legislation?

identify the two colours associated with government papers relating to proposed legislation.

At which reading is there no vote in the law making process?

True or false? We live in a representative democracy?

Parliament is made up of three parts... true or false?

Royal Assent - the Warth signs the bill.

uoo doed	Must be
	BALLOT

Democracy & Parliament

Approximately 700

Appointed or inherited

House of

House of

Lords

Represent areas of

expertise

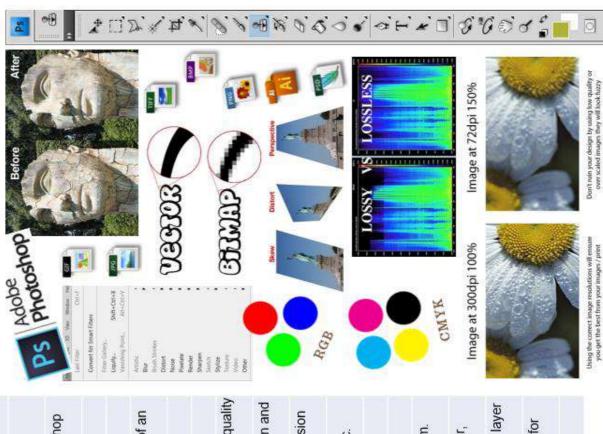
Appointed for life

Computing – Photo Editing Keywords

Unit 9.1 - image manipulation, file types and compression

Increasing Dots Per Inch

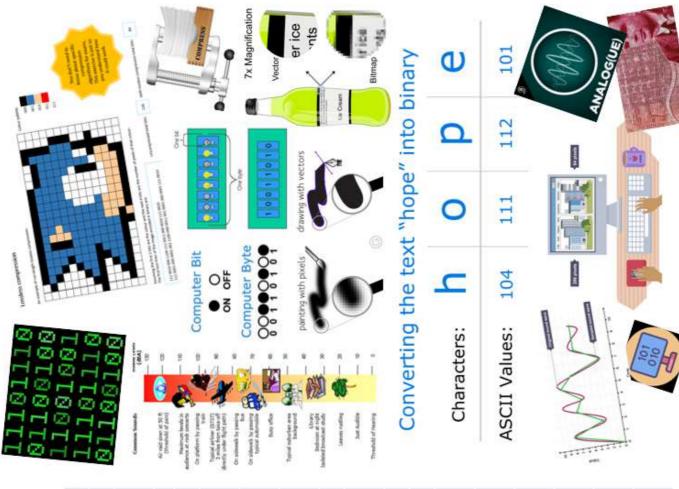
RGB	Colour method using Red, Green and Blue. Used onscreen.
CMYK	Colour method using Cyan, Magenta, Yellow and Black (or Key). Used for professional printing.
Native file types	The file types that belong to a specific piece of software. (e.g. PSD is a Photoshop Document).
Bitmap image	Image made of pixels (picture elements).
Vector image	Image made from a set of lines and shapes/objects.
Selection	Using tools including magic wand, lasso and marque to select specific pieces of an image/layer in Photoshop.
Resolution	Number of pixels in a fixed area. (e.g. dpi - dots per inch).
Hi resolution	300dpi is classed as hi resolution. It is suitable for professional printing.
Lo resolution	72dpi is classed as lo resolution. It is suitable for online images. It is adequate quality for the eye to see solid colours on screen.
JPG	A common file type used for lo resolution images which uses lossy compression and produces small file sizes.
1	A common file type used for hi resolution images which uses lossless compression and is able to be saved with layers.
Transform	Modify part or an entire image in ways that include scale, distortion, rotation etc.
Compression	The process of reducing the file size.
Lossy	Permanently removes data such as duplicated data elements. (e.g. jpeg).
Lossless	Removes data from image but restores it when file is opened using an algorithm. (e.g. tif).
Filters	A range of effects that can be used on part or an entire image, (e.g.water colour, neon glow, blur etc).
Layers	The separate parts of an image that can be edited separately. It also allows for layer styles to be applied to independent layers.
Colour Adjustments	The methods used to change the colours in an image. There are a range used for different purposes, including levels, hue/saturation and selective colours.
Retouching	Tools used to edit or change an image. (e.g. clone or healing brush tool).



Computing-Data Representation Keywords

Unit 9.2 – Numbers, characters, images and sound

t o	Complication of data (o.g. 1 or 0)
i	Silialiest utilit of data (e.g. 1 of 0)
Binary	Base 2 number system using only 1's and 0's
Character set	Character set Alphanumeric characters and symbols that can be represented on a computer
ASCII	8 bit binary representation of 256 characters
Unicode	32 bit binary representation of characters from major languages
Bitmap image	Bitmap image made up of coloured pixels
Vector image	Vector image Image made from a set of lines and shapes
Colour depth	Colour depth Number of bits used per pixel in an electronic image
Resolution	Number of pixels in a fixed area. (e.g. dpi = dots per inch)
Analogue	Continually changing data that cannot be directly processed by a computer. (e.g. a sound wave)
Sampling	Reading and storing sound waves at set intervals
Metadata	Information about the image (e.g. size, date created, author)
Bit depth	Number of bits available for each sample
Sample rate	Number of samples a second
Compression	Compression The process of reducing the file size
Lossy	Permanently removes data such as duplicated data elements (e.gmp3, .jpeg)
Lossless	Removes data from file but restores it when file is opened using an algorithm (e.ggif, .png)
RLE	Run Length Encoding. Stores a data value and count as a method of lossless compression (e.g. Blue 3 means 3 pixels in blue)



Year 9 Dance Knowledge Organiser echnical Skills







The way the body is held.

Posture





Correct placement of body parts in relation to

Lengthening one or more muscles or limbs.

Extension

Coordination | The efficient combination of body parts.

change direction and hold a shape efficiently.

The ability to start and stop movement,

Control

each other.

Alignment



A steady or held position achieved by an even









Exercise to Improve

- 1) After 1 week increase to After 2 weeks increase 3 reps of 15
 - challenge by adding alternate leg lifts



Make sure back remains straight and hips do not twist.



raise hips rolling up through shoulders. Hold position for 8 counts making sure back remains straight. Slowly roll Lie on your back with you back down through spine knees bent and feet hip from shoulders to pelvis. distance apart. Slowly spine from pelvis to Task: Bridge

Consciousness of the surrounding space and

and draw in the audience.

The energy the dancer uses to connect with

Projection

energy over periods of time.

(involving muscles, tendons and ligaments).

The range of movement in the joints

Flexibility

distribution of weight.

The ability to maintain physical and mental

Stamina

Complete 3 reps of 10 every other day.

The ability make the unique qualities of the

Use of the face to show mood, feeling or

character.

Expression

Musicality

its effective use.

Awareness

Spatial

accompaniment evident in performance.

Check your

- progress by... vourself in a mirror and watching
- filming yourself and watching back and correct it
- asking a friend correct it
- watch you and give feedback. (look at balance, or teacher to movement into height in jumps, fluency of

floor)



Muscle power.

Strength

Balance

Year 9 Dance Knowledge Organiser – Safe Practice

Remember

Hydration

- ▼Tie Hair back
- > Wear clothes that Move with you
- Do not wear Jewellery
- > Do not wear any Baggy clothes that you can get caught up in
- Ensure appropriate Footwear is worn
- Close fitting to see the lines of the dancer



Keeps muscles working at Helps prevent build-up of Helps to prevent potential Helps to avoid cramps lactic acid dizziness optimum











What happens in a warm-up?

- Pulse is raised
- ✓ Muscles become more Elastic
- ▶ Nerve messages from the brain to the imbs speed up
- Internal body Temperature is raised
- ✓ Increase of Blood flow to the muscles
- Reduce the risk of Injury Joints are mobilised

50-65% of its energy from carbohydrate; around 12-15% should come from

protein; and less than 20-35% from fat.

As a rule, dancers are advised that their overall diet should take at least

Why Cool-down?



Prevent the build up of Waste Products in the muscles (e.g. lactic acid), which helps to prevent muscle stiffness and soreness

Allow the Heart Rate to gradually return to



- Carbohydrate and fat: Provide
- Protein: Muscle growth and repair. Vitamins & Minerals: The immune
- system requires an assortment of vitamins and minerals from Vitamin A through to Zinc.









the given circumstances Can you spot the design elements shown within this picture? What are





the given circumstances Can you spot the design elements shown within this picture? What are /on can see?

> Key Characteristics of Absurdist theatre include: you can see?

Nonsense dialogue: a series of random lines that have no connected meaning

Repetitive or meaningless action Non-realistic or impossible plots

Unconventional dialogue Using illogical situations

Key Vocabulary | Definition

Dialogue

iterature/articles/nonsense-talk-theatre-of-the-absurd Library https://www.bl.uk/20th-century-Read the article on the British

Minimal plots to express the apparent absurdity of human characteristics

	Key O				
3					
	1				
Sem					

https://www.encyclopedia.com/arts/culture-magazines/

performing-arts-and-gothic

Definition

Key

Key Questions What other theatre

practitioner was

theatre?

absurdist theatre?

associated with

Read the article on gothic theatre

Damsels in distress and heroes

Intense emotions

Romance

Curses or prophecies

Supernatural beings or monsters (ghosts, vampires, zombies, giants)

haracteristics of Gothic theatre include:

Gloomy, decaying setting

What other theatre Key Questions practitioner was

Words that are spoken, in absurdist theatre, are

often used in a repetitive way

Sayings and opinion that are overused and

Clichés

Plot

betrays a lack of original thought.

Finish the sentence absurdist theatre explores. ??

The main events of a play devised and presented

absurdist plots will have mysteries that never get

by the writer as an interrelated sequence. Often

Finish the sentence

explore....

and focuses on the Set design- minimal Design Elements symbolism within deas and

Sound and lighting dream like quality. contemporary Costume the play.

A philosophy stating that the efforts of humanity to

Absurdism

plays the character will ask huge philosophical

questions.

A person in a novel, play, or film. In absurdist

Complete disorder and confusion.

find meaning in the universe ultimately fail (and

ostume is time specific scare and build tension

intelligent, successful, talented, and/or charming. Something strange or not known that has not yet Although, there is usually some tell tale warning Usually male, often extremely handsome. A story in which very frightening sign that his looks are deceiving been explained or understood. and unnatural things happen. performance. Suspense Mystery Gothic Villain Horror Mood architecture, castles and associated with Gothic characters, mysterious create mysterious and Set design-dwarf the eerie atmosphere, to 'Gothic theatre plots Design Elements

to happen and are uncertain about what it is going A feeling of excitement or nervousness that you have when you are waiting for something The feeling created on stage during a A young woman in trouble. Damsel in distress

Sound and lighting -

naunted houses

nence are absurd) because no such meaning

rtaud 1896-1948 [echniques

I- Read the articles on Artaud https://www.bl.uk/20thcentury-literature/articles/antonin-artaud-and-the-Practice Task

Repetitive movement

uppetry

Shadow

theatre-of-cruelty 2- Watch some Artaudian performances on 'You Tube'

 Which genre was Artaud's work linked to?
 Finish the title 'theatre of...' and explain what this means Key Questions

Theatre set aimed to awaken the dormant dream images of He wanted to shock and scare his audience into changing our minds

Artaud's Theory

Theatre of

Cruelty

He appeals to the irrational mind, one not conditioned by society and the world around them. society

By bombarding the audiences senses, they underwent a Theatre could not communicate using spoken word His theatre appeal to the release of emotions

catharsis experience.

A 20th-century avant-garde movement in art and literature The uncontrollable outperforming of strong emotion. which sought to release the creative potential of the unconscious mind, for example by the irrational uxtaposition of images. Vocabulary Surrealism Catharsis

that can be used to subvert thought and logic and to shock called for a "communion between actor and audience in a "A primitive ceremonial experience intended to liberate magic exorcism; gestures, sounds, unusual scenery, and the human subconscious and reveal man to himself". It lighting combine to form a language, superior to words, the spectator into seeing the baseness of his world."

Sense of chaos

Characters



ogue	y Definition	Speaking in a high, low or natural voice.	The speed at which someone speaks, e.g. the speed of response in an argument.	The rise and fall of the voice. There's a clear movement up at the end of a sentence	example, Intonation also helps us to say what we	You might be considering the	audibility (can we near it) but you're more likely to be thinking about the effect of a	loud, powerful voice or a quiet, nervous or sad voice.	A dramatic pause at a crucial moment could communicate meaning.	This suggests your mood and your intention towards the	listener. e.g. happy or sad. Your character may be from a different part of the UK or another country.
onc	Vocabulary	Pitch	Pace	Intonation		Volume			Pause	Tone	Accent
pt Work	Practice Task Learn your lines for	performance. Strategies for Learning Lines • Write your lines out	 Run lines with someone Look, Cover, Write, Check Use line learner apps Record your lines and listen 	back • Learn your cue lines Skills Learnt	Annotate text Interpreting text Exploring a plays context	Create and communicate meaning through performance	Realising artistic intention in text-based drama	Key Questions How would you annotate	How can you apply interpretations and interpretations to scripts?	How would you use a range of drama elements	How do you research and demonstrate contextual elements of a script?
Drama- Script Work Duologue	Definition	A speech presented by two characters in a performance, often used to	explore/develop relationships. A particular way of performing a part in a play.	Something that you want and plan to do in a play.	Original and creative approach.	ineaute that attempts to create an illusion of reality though a range of dramatic and theatrical strategies.	Scripts from different time periods such as Greek, Elizabethan or Victorian.	Non- naturalistic, performed in a particular manner or with emphasis on one element	Drama technique where performers communicate their characters in a	physical way (body language, movement, facial expression & gesture).	An approach to acting that aims for a unified effect achieved by members of the cast working together on behalf of the play, rather than emphasising individual performances.
e y	Vocabulary	Duologue	Interpretation	Intention	Innovative	Kealism	Period	Stylised	Physicalise		Ensemble
					2	5					

English

Core Text: Othello by William Shakespeare

Representation

Representation is the depiction of a thing, person or idea. In representing the world, writers make conscious and unconscious choices. There are many different ways of seeing the world as our view is framed by context and culture. This means that representation does not offer a definitive view of reality, but instead, each representation offers a different construction of the world and of experience in it.

Vocabulary

- representation
- perception influence

words and matching

- derogatory
 - media
 - prejudice
- stereotype
- authentic
 - otherness
- marginalised

Practise spelling vocabulary

- ragic hero
 - namartia
- semicolon argument
- olank verse hyperbole

ambic pentameter

a low opinion or disrespectful attitude non-rhyming iambic pentameter real, true, genuine - not a copy

vocabulary words. Can you recall each term using the

definitions?

Test yourself - cover the

- a tragic hero's fatal flaw
- extreme exaggeration to emphasise a point
- a line of writing that consists of ten syllables मां मां
- the power to have an important effect on someone or something a reason or set of reasons given in support of an idea
- a group or individual is made to feel isolated and unimportant.
- a form of mass communication through radio, television, internet or print
 - the way that something is thought of, understood, or interpreted being or feeling somehow different from the dominant group
- a preconceived opinion, not based on reason or actual experience speaking or acting on behalf of, or in place of, a person or group
- an assumption about what someone will do or how they will behave based on what social groups they belong to
 - a punctuation mark indicating a pause typically between two main clauses a noble protagonist whose traits or choices cause their downfall



Challenge:

Witchenft also features in Shakespeare's Macheth. Research the significance of witchcraft to Elizabethan / Jacobean society. Keep notes on your findings.

utps://www.blank/ - British Library

J- media, K- othemess, L- perception, M- prejudice, N- representation, O- stereotype, P- tragic hero, Q- semicolon ANSWERS: A- authentic, B- blank verse, C- derogatory, D- hamartia, E- hyperbole, F- iambic pentameter, G- influence, H- argument, I- marginalised

Representation in Othello

women through Desdemona, Emilia This includes the representation of and Bianca and the representation Elizabethan / Jacobean England. Shakespeare's representation of eponymous character, Othello. otherness' reflects the social context and ideologies of of otherness through the



list above in your response. towards Othello? Toward his daughter, Desdemona? Use vocabulary from the Brabantio's attitude Task 2 - What is

5

Extract from Act 1, scene 2 Othello

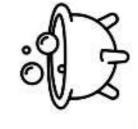
BRABANTIC

O thou foul thief, where hast thou stow'd my daughter? Damn'd as thou art, thou hast enchanted her; Run from her guardage to the sooty bosom Would ever have, to incur a general mock, The wealthy curled darlings of our nation, Whether a maid so tender, fair and happy, If she in chains of magic were not bound, So opposite to marriage that she shunned For I'll refer me to all things of sense,

Abused her delicate youth with drugs or minerals That thou hast practised on her with foul charms, Of such a thing as thou, to fear, not to delight. Judge me the world, if 'tis not gross in sense That weaken motion: I'll have't disputed on;

9

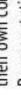
therefore apprehend and do attach thee Tis probable and palpable to thinking. For an abuser of the world, a practiser Of arts inhibited and out of warrant. Lay hold upon him: if he do resist, Subdue him at his peril.



2 8







27

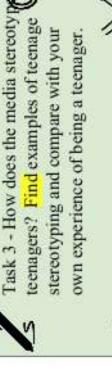
A writer's representation of a group may or may not reflect their own context or perspective.

Representation is influenced by context.

Representations may or may not be authentic; they can draw on or challenge stereotypes.

As readers, our individual perspective and response can be influenced by the writer's representation of a group.

Characterisation is a method of representation.









Year 9 KS3 Cooking and Nutrition: Food Choice

Nutrition and Health

Food preparation

Formal knowledge assessments - delivered in time with reporting

Retrieval Practice – quizzing, starter/plenary tasks

4ssessment

Food preparation skills assessed after every practical (P, D, C, E)

Food safety

Food provenance

The science of

cooking

Food choice

Prior Learning / Context:

Prior learning includes the Eatwell Guide and the principles of healthy eating. Medium cooking skills, including sauce making, bread and pastry making, also completed.

on food packaging? (2 information is required Key Questions: What allergy

explain your reasons for Plan a 3 course meal for someone who is gluten intolerant – choice (6 marks)

Give 2 examples of vitamin A (2 marks) food that contain

Food Allergies





dedicate a production

Some manufacturers

might choose to

products that are free

allergens e.g. nuts or

from particular

wheat free. These

line or equipment to























An allergen - a substance

still be used to make a production lines could

> extreme allergic reaction symptoms such bloating, An intolerance - causes that can cause an stomach aches

are fat soluble and can be stored by our body Vitamins A, D, E and K in our body fat. A fat needed for healthy soluble example is Vitamin A which is

helps consumers make Food labelling is K required by law. It food choices. Awareness system. Its antioxidant and healthy immune eyesight, health skin

food or we don't use it most includes fresh fruit home occurs because we make too much Food we waste the Food waste in the before is goes off.

cardiovascular disease.

hat particular allergen.

they do not contain products as long as number of different

protect the body from

cancer and

Consumer properties also help to

and salad

Preparation and /ear 10 - AQA **GCSE in Food** Nutrition

Key Vocabulary

KS4: AQA GCSE in Food Preparation and Nutrition

Future Learning:

Food Preparation Outcomes:

Cuisine, Traditions, Food Waste, Labelling, Consumer Allergy, Intolerance, Contamination, Anaphylactic Shock, Medical, Lifestyles, Economic, Religion and Culture, Physical Activity Levels (PAL), Celebration, Awareness

Food Allergies and Intolerances & Healthy Eating – Micronutrients and





serious if the correct treatment is not given quickly. People with severe reaction need an injection of adrenaline from an EpiPen reaction. Some food allergies are mild but others can be very An allergen is a substance or food that may cause an allergic because they can stop breathing.

There are 14 common food allergens and information for these must be highlighted in bold in the main ingredients list on the back food packaging.

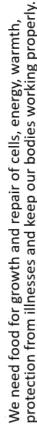
diarrhoea, bloating and weight loss are noticeable a short time A food intolerances are more common and symptoms such as after someone has eaten the food they are intolerant to.

able to digest lactose which is the natural sugar in milk and other Lactose intolerance is one of the most common with people not

suffer from coeliac disease which is a more serious intolerance to gluten. Their body attacks the healthy tissues in the body by other cereals such as rye and barley. About 1 in a 100 people gluten which is the natural protein found in wheat flour and Gluten intolerance happens when someone is intolerant to

To prevent people consuming food they are allergic or intolerant to, there are strict laws about how food is made in factories or prepared in restaurants to prevent cross-contamination.





Food is made of 5 nutrients. Each nutrient does a different job in the body. Eating a balanced diet means we get all the nutrients we need for a long and healthy life.

carbohydrates and fats) - these are called macronutrients. Some Some of these nutrients you need in large amounts (protein, of these nutrients we need in small amounts (vitamins and minerals) – these are called micronutrients.

body in our body fat. A fat soluble example is Vitamin A which is needed for healthy eyesight, healthy skin and a healthy immune system. Its antioxidant properties also helps to protect the body Vitamins A, D, E and K are fat soluble and can be stored by the from cancer and cardiovascular disease (CVD).

strong teeth and Iron is needed to make red blood cells which You also need minerals such as calcium and iron, for example Calcium is needed for bone density and to maintain healthy, transport oxygen around the body.

and transport nutrients around the body. It is recommended that Water is not a nutrient but it is required for life. You need to stay Water is needed to cool the body, remove waste and to digest replace water you lose when you breathe, sweat or urinate. hydrated because your body is 70% water and you need to you drink 6-8 glasses of water a day.



Amis pour toujours!

Mon meilleur ami est...

Ma meilleure amie est...

Je suis...

Andrew Co.	
Qu'est-ce que tu aimes faire	7
J'adore	I love
J'aime	l like
J'aime beaucoup	l like a lot
Je n'aime pas	I don't like
Je déteste	I hate
le cinéma.	cinema.
le sport.	sport.
la lecture.	reading.
la musique.	music.
la télé.	TV.
les animaux.	animals.
les jeux vidéo.	video games.
C'est	It's
amusant.	fun.
génial	great.
intéressant.	interesting.
ennuyeux.	boring.
nul.	rubbish.
J'aime I like	4
Je n'aime pas I don't	like
aller au cinéma.	going to the cinema.
danser.	dancing.
écouter du R'n'B.	listening to R'n'B.
jouer au basket.	playing basketball.
nager.	swimming.
regarder des comédie	•
surfer sur Internet.	surfing the internet.
tchatter	faire du judo.
prendre des selfies.	taking selfies.
	<u>.</u>
Qu'est-ce que tu fais comme	activités extra-scolaires ?
What after	er school activities do you do ?
Je chante dans la chorale	

	*
grand(e). petit(e). de taille moyenr	tall. small. ne. medium-sized.
J'ai les yeux II / Elle a les yeux bleus / gris. marron / verts.	I have eyes. He / She has eyes. blue / grey brown / green
J'ai les cheveux II / Elle a les cheveux blonds / bruns. noirs / roux. courts / longs / mi-longs bouclés / raides.	blond / brown black / red
II / Elle porte des lunette Je m'entends bien avec Je me dispute avec parce qu'il / elle est arrogant(e). impatient(e). drôle. égoïste. sympa. timide.	
Sur la photo, il y a	In the photo there is / are
au centre	in the centre
à droite	on the right
à gauche	on the left

Je chante dans la chorale. I sing in the choir. Je joue au badminton. I play badminton.

Je joue du violon dans l'orchestre

I play violin in the orchestra.

Je fais du théâtre. I do drama. Je fais de la gymnastique. I do gymnastics. Je vais au club de danse. I go to the dance club. Je vais au club d'informatique. I go to the computer club. Je ne fais rien. I don't do anything / I do nothing.

Je fais ça... I do that...

le lundi / le mardi. on Mondays / on Tuesdays

après les cours. after lessons. à midi. at lunchtime. avec mon copain / ma copine. with my friend. avec mes ami(e)s. with my friends.

avec mon équipe. with my team.

Comment as-tu fêté ton anniversaire?

How did you celebrate your birthday?

Friends forever!

My best friend is...

My best friend is...

I am...

J'ai regardé mes messages Hooked at my messages. J'ai mangé du gâteau d'anniversaire. I ate birthday cake.

J'ai joué au laser tag. I played laser tag.

J'ai dansé. I danced. J'ai bu du coca. I drank cola.

J'ai fait une fête d'anniversaire. I had a birthday party. J'ai ouvert mes cadeaux. I opened my presents. Je suis allé(e) au cinéma. I went to the cinema. J'ai fait une soirée pyjama. I had a sleepover.

C'était ... It was ... amusant / génial. fun / great. hyper-cool. really cool. marrant / sympa. funny / nice.

Qu'est-ce que tu as fait le weekend dernier? What did you do last weekend?

J'ai mangé au restaurant. I ate in a restaurant Je suis allé(e) à un concert. I went to a concert. Je suis allé(e) à une fête. I went to a party Je suis allé(e) au marriage de mon cousin / ma cousine. I went to my cousin's wedding.

Qu'est-ce que tu as porté?

What did you wear?

J'ai porté...

I wore...

un blouson / un jogging ... a jacket / tracksuit

un pull / un tee-shirt... a jumper / tee-shirt. une jupe / une robe / une veste... a skirt / dress.

une veste... a blazer

bleu(e) / noir(e) / vert(e) / gris(e) / blanc(he) / violet(te)

blue / black / green / grey / white / purple

rouge / jaune / rose / orange / marron red / vellow / pink / orange / brown

des baskets / des bottes / des chaussures...

trainers / boots / shoes.

bleues / noires / vertes / grises / blanches / violettes

blue / black / green / grey / white / purple rouges / jaunes / roses / orange / marron red / yellow / pink / orange / brown

Argent de poche Pocket money

Pour gagner de l'argent, ... to earn money
on peut / je dois... you can / l must
aider à la maison. help at home.
aider les voisins. help the neighbours.
trouver un petit boulot. find a part-time job.
do babysitting.

Qu'est-ce que tu fais pour gagner de l'argent ?

What do you do (in order) to earn money?

Je lave la voiture.

Je garde mon petit frère.
Je garde ma petite sœur.
Je range ma chambre.
Je travaille dans un café.
Je travaille à la boulangerie.
Je fais la cuisine.

I wash the car.
I look after my little brother.
I tidy my room.
I work in a café.
I work at the bakery.
I do the cooking.

Je gagne 8 euros par semaine / par mois.

I earn 8 euros a week / a month.

Qu'est-ce que tu veux faire comme métier?

What job do you want to do?

je veux être...
je ne veux pas être ...
scientifique.

I want to be a...
I don't want to be a...
scientist

pilote. pilot
ingénieur(e). engineer
danseur / danseuse. dancer
acteur / actrice. actor / actress.
dessinateur / dessinatrice. designer.

instituteur / institutrice primary school teacher professeur teacher (secondary and beyond)

infirmier / infirmière nurse
policier / policière police officer
mécanicien / mécanicienne mechanic
musicien / musicienne musician
architecte vétérinaire vet

C'est... It is...

créatif / dangereux / ennuyeux / fatigant / passionnant / pratique / varié / bien payé.

creative / dangerous / boring / tiring / exciting / practical / varied / well paid.

Je veux... I want...

travailler seul(e). to work on my own. travailler en équipe. to work in a team.

travailler avec des enfants / animaux.

to work with children / animals.

aider les autres. to help others.

Future Tense

Complete each sentence with the correct part of Aller.

Je acheter une maison.
 Il visiter ses grandparents.
 Nous aller à l'université.

4. Tumanger au restaurant?

5. On travailler seul.

6. Elles être musiciennes.

Qu'est-ce que tu vas faire à l'avenir ?

What are you going to do in the future?

Je vais habiter... I am going to live...

à l'étranger. abroad.

Je vais acheter... I am going to buy...

une grande maison. a big house. une Ferrari rouge. a red Ferrari.

Je vais être... I am going to be...

célèbre. famous. heureux/heureuse. happy.

Je vais avoir... I am going to have...

cinq enfants. five children.
Je vais aller... I am going to go...

à New York. to New York. en Chine. to China.

en Chine. to China.
Je vais faire du travail bénévole. I am going to do voluntary work.

à l'avenir in the future dans dix ans in 10 years dans vingt-cinq ans in 25 years

Ce sera... It will be...

cool / fantastique. cool / fantastic.

Au travail, les robots! Robots at work

Qu'est-ce que tu as fait hier? What did vou do vesterday?

J'ai gardé les enfants.

J'ai joué aux jeux vidéo.

J'ai préparé les repas.

J'ai rangé les chambres.

J'ai travaillé dans le jardin.

J'ai fait la vaisselle.

J'ai bu un café.

I look after the children.

I played video games.

I prepared meals.

I tidied the bedrooms.

I worked in the garden.

I did the washing-up.

I drank a coffee.

Je suis allé(e) au supermarché. I went to the supermarket. Je suis resté(e) à la maison. I stayed at home.

a n'ai nas aide à la maisen. I didn't bala et ban

Je n'ai pas aide à la maison. I didn't help at home. Je n'ai pas regardé la télé. I didn't watch TV.

Je ne suis pas allé(e) au supermarché.

I didn't go to the supermarket.

hier yesterday
d'abord first of all
ensuite then
après afterwards
l'après-midi in the afternoon
cependant however
C'était... it was...

The Future Tense

The future tense is formed with part of the verb *Aller* and an *infinitive*:

Aller - to go

Je vais - I am going Tu vas - you are going

II / elle / on va - He / she / we is (are) going

Nous allons - we are going

Vous allez - you are going (plural / formal)

Ils / ells vont - they are going

For negative verbs ne pas forms a sandwich round part of the verb aller.

e.g. Il va visiter le musée

(He is going to visit the museum)

Il ne va pas visiter le musée

(He is not going to visit the museum)

ear 9 Geography: Glaciation

	0	Community of the Commun	-	during the last Ice Age. Which countries? Can you see the UK?			Glaciers form from snow. In cold places snow falls layer on layer. Over	time, the layers get compacted to ice.	It could take a layer of snow 10 metres thick to make a 1 metre layer of ice. As it nets thicker and heavier	eventually it starts flow under the pressure of its own weight.	The state of the s	Geography Questions to consider?	Why are placiers important socially?	Why are glaciers important to scientists?
	Definition (use the read cover write check technique to revise these terms)	The glacier will carve and change the shape of the mountain by plucking rocks from under it and then uses them to scrape and smooth it by abrasion .	The glacier moves material at the base when it plucks it. It transports other material which falls on top of it and are carried on and within it. This is also known as bulldozing .	When the glacier starts to melt it drops the material it is carrying which is called glacial till, and stops pushing material at the snout which has built up called moraine. Other deposition landforms include drumlins and eskers.	Cirques are bowl-shaped, armchair-like depressions that glaciers carve into mountains and valley sidewalls at high elevations.	They were formed in river valleys which during the ice age have been filled	by a large glacier. These glaciers have deepened, straightened and widened the valley by plucking and abrasion. These are sometimes called clacial	troughs	U-shaped valleys are formed by glacial erosion and can form into long, thin valleys. Over time, after the ice has melted, precipitation fills the valley	Tarn, a small mountain lake, especially one set in a glaciated steep-walled	Present and past glaciated areas can be used for actives like agriculture	(pastoral & arable), forestry, mineral extraction and tourism.	Sometimes different stakeholders have different opinions and ideas of how	glaciated areas should be managed . This is often conservation v
200	Key Term	Erosion	Transportation	Deposition	Cirque or corrie	II-shaned valley			Ribbon Lake	Tam	Economic	opportunities	Conflict	6190

Why are glaciers important environmentally? Geography Questions to consider? hy are glaciers important to scientists? John Miller hy are glaciers important socially?

Prior learning - Key questions

have not been given. It is up to you to find the meanings of these words and be able

to recall the definition.

The words in **bold** in the definition table

Ice Age - Key questions

When was the last Ice Age? How did it effect the UK?

When did it recede?

What is an Ice Age?

Think back to year 7 & 8. Which topics might link with glaciation? How? Why? So what?

Task: Pick a state and complete a fact file based on its main characteristics

Task: See if you can learn all 50 states of the USA by the end of the unit

ear. 9 Geography: Superpowers

Key idea

of economic growth. This enables them to continue producing more goods and services countries hold strong cultural and political influence on a global scale and see fast rates Some of the most influential Superpowers in the world right now include: The United States of America, China, Russia, Germany and the United Kingdom. Each of these to export around the world, fuelling their ascend to greater power and international standing.

Key Term	Definition
Superpower	Superpowers are countries or regions which have some of the
18 18	following characteristics: large populations, strong military power, wealth, high levels of trade, political influence and cultural influence.
Trade	Trade refers to the buying and selling of goods (products) and services between different countries around the world.
Globalisation	The way in which the world has become more interconnected.
	Globalisation refers to how people communicate as well as world
	trade, international investment and the sharing of ideas.
Culture	Culture describes the way of life, behaviours and beliefs of a
	particular group of people.
European Union	A group of European countries initially formed to remove trade barriers
	and reduce potential for war within Europe following World War II.
	Citizens of member states have the right to move freely to any other
	member state to live and work.

UNITED STATES OF AMERICA KANSAS TEXAS UTAH COLORADO MEXICO



Key Questions:

- What factors make a country a superpower?
 Which countries/around a superpower?
- Which countries/groups are considered to be superpowers?
- How does a country get to superpower status? က်
- Should countries and groups be allowed to hold superpower status? 4
- How do superpowers influence the world? 5

Y9 German - Autumn Term 1

1. Beweg dich!	Move!
Das ist/sind	This is/are
der Körper	the body
der Kopf	the head
der Arm	the arm
der Rücken	the back
der Bauch	the belly
der Po	the bottom
der Fuß	the foot
die Schulter	the shoulder
die Hand	the hand
das Bein	the leg
das Knie	the knee
das Gesicht	the face
das Auge	the eye
das Ohr	the ear
das Kinn	the chin
die Nase	the nose
der Mund	the mouth

2. Wer ist dein Vorbild?	Who is your idol?
Warum?	Why?
Was macht er/sie?	What does he/she do?
Wie ist er/sie?	What is he/she like?
ist mein Vorbild,	is my idol.
weil er/sie ist.	because he/she is
Ich liebe,	I love
weil er/sie ist.	because he/she is
lch mag (nicht),	I like (not),
weil er/sie ist.	because he/she is
begabt	talented
berühmt	famous
dynamisch	energetic
erfolgreich	succesful
lustig	funny
originell	original
reich	rich
arrogant	arrogant
nervig	annoying
launisch	moody

3. Irregular Verbs	haben to have	fahren to go	laufen to run	sehen to see	lesen to read	essen to eat	sein to be
ich	habe	fahre	laufe	sehe	lese	esse	bin
du	hast	fährst	läufst	siehst	liest	isst	bist
er/sie/es/man	hat	fährt	läuft	sieht	liest	isst	ist

	4. The P	erfect Tense	
spielen (to play)		fahren (to go)	
ich habe gespielt	I played	ich bin gefahren	I went
du hast gespielt	you (sing) played	du bist gefahren	you (sing) went
er/sie/es/man hat gespielt	he/she/it/you played	er/sie/es/man ist gefahren	he/she/it/you went
wir haben gespielt	we played	wir sind gefahren	we went
ihr habt gespielt	you (plural) played	ihr seid gefahren	you (plural) went
sie haben gespielt	they played	sie sind gefahren	they went
Sie haben gespielt	you (polite) played	Sie sind gefahren	you (polite) went

5. Was hast du in deinem Leben gemacht? What did you do in your life?

Ich habe ...

viele Reisen gemacht.

mit Kindern gearbeitet.

viele Preise gewonnen. viele Länder gesehen.

viel Geld verdient.

viel trainiert.

Ich bin nach Afrika gefahren.

I (have)...

travelled a lot. (literally : done lots of journeys)

worked with children. won lots of prizes. seen lots of countries.

earned a lot of money.

trained a lot.

I went to Africa. (literally: I have driven to Africa)

Independent Task: Research a famous person. What have they done during their life?

Y9 German - Autumn Term 2

1. Was wirst du in der Zukunft machen?

In der Zukunft werde ich ...

viele Reisen machen

viele Länder sehen

Arzt/Ärztin werden

in Asien arbeiten

Theaterwissenschaft studieren

viel Geld verdienen

für eine Hilfsorganisation arbeiten

What will you do in the future?

In the future I will ...

travel a lot. (literally: do lots of journeys)

see lots of countries.

become a (male) doctor/(female) doctor.

work in Asia. study drama.

earn a lot of money.

work for an aid organisation.

2. The F	uture Tense wi	th werden (will)
Ich	werde	
Du	wirst	+ infinitive
Er/sie/es/man	wird	machen
wir	werden	sehen
ihr	werdet	arbeiten
sie	werden	fahren
sie	werden	verdienen

3. Was ist passiert? What happened?

Ich habe mir (das Bein) verletzt. I injured my leg. Ich habe mir (den Arm) gebrochen. I broke my arm.

Ich habe einen Unfall (im Schwimmbad) gehabt. I had an accident (at the swimming pool)

Ich bin (vom Rad) gefallen. I fell (of my bike)

Ich bin ins Krankenhaus gekommen. I went to hospital. (literally: I came into the hospital)

4. Bist du wild auf Musik? Are you wild about music?

R&B-Musik / Jazzmusik R&B music / Jazz music

Rap-Musik/Hip-Hop Rap/hip Hop klassische Musik classical music

Sie klingt positiv/negativ. It sounds positive/negative.

Sie ist kitschig / energiegeladen It is corny/ energetic. (full of energy)

Sie macht gute Laune. It puts you in a good mood.

Was für Musik hörst du (nicht) gern? What type of music do you not like listening to?

Ich höre (nicht) gern ..., weil sie ... ist/macht. I (don't) like listening to..., because it is/does...

Mein(e) Lieblingssänger(in) ist My favourite singer is ... Meine Lieblingsband ist ... My favourite band is... Mein Lieblingslied ist ... My favourite song is...

Independent Task: Research German music online.

The First World War

Key Words

Militarism

People taking pride in their armies and wanting to spend money to

Definition

				make it bigger and better.
		Chronology	Alliance	An agreement between countries to support each other in the event of
	June 1914	Murder of Archduke Franz		a war.
		Ferdinand	Imperialism	The desire to have a big empire and control other countries.
	1917	Russia withdrew from the	Nationalism	To love your country and think that it is superior to others
		war and the United States	Triple Entente	An alliance between Britain, France and Russia
		joined the war	Triple Alliance	An alliance between Germany, Austria-Hungary and Italy
	July -Nov	The Battle of the Somme	Black Hand Gang	A gang of Serbian nationalist who wanted Bosnia to become part of
	1916			Serbia. Carried out the murder of Archduke Franz Ferdinand
	11th Nov 1918	Armistice	Propaganda	False or misleading information used to spread a certain point of view
	Voy Boonlo	200		
	uey reopie	NOIS	Pals Battalion	A group of friends or co-workers who enlist to fight the First World
	Archduke	Heir to the Austrian throne		War together
	Franz	who was murdered in	Western Front	The area of Northern France and Belgium where British, French and
	Ferdinand	June 1914		Belgian forces fought Germany in the First World War.
			Artillery	Large guns that fired shells which were used on the battlefield to
36	Gavrilo Princip	Member of the Black Hand		destroy trenches
		Gang who murdered	Shell Shock	A nervous condition suffered by some soldiers exposed to the noise
		Franz Ferdinand		and the chaos of battle.
			Armistice	The end to fighting a war
	General Haig	British General at the		
		Battle of the Somme	No. of Street, or other Persons and the street, or other persons and the street, or other persons are also also also also also also also also	(parapet) (co. 100 Marie I and
	Kaiser Wilhelm	German Kaiser (King)	sterpues	elbow elbow
	=	during the First World War		



barbed wire

ammunition

dagout (for resting)

 What were the causes of the First World War? How was the First World War fought?



Second World War

_	Chronology	Adolf Hitler
	Littler begomes	
1955	Hitler becomes	
	Chancellor of	Neville
	Germany	Chamberlain
1939	German Invasion of	
	Poland and the	
	outbreak of Second	Franklin D.
	World War	Roosevelt
1940	Battle of France	
	Battle of Britain	Winston
1940-1	The Blitz	Churchill
7th	Japanese attack on	
December	Pearl Harbor	dagood
1941		Stalin
1941	Battle of Stalingrad	Stallin
6th June	D-Day	Harry S.
1944		Truman
6th and 9th	Atomic bomb dropped	
August	on Hiroshima and	
1945	Nagasaki	

Key People



Role	Key Words	Definition
Chancellor and then dictator of Germany,	Appeasement	To pacify or placate someone by acceding to their demands (particularly to avoid conflict)
British Prime Minister,	Isolationist	A policy of remaining apart from the affairs of interests of
1937-40. Associated		other countries
with the policy of appeasement.	Fascism	A right-wing nationalist political
USA's longest ever	Dictatorehin	A country led by a ruler with
serving President, 1933-	Dictarol simp	total power usually obtained
45.		by force
British Prime Minister,	Blitzkrieg	"Lightning War" - The German
1940-5. He would later	ns	tactic of fighting an intense
become Prime Minister		military campaign designed to
again, 1951-5.		bring about a swift victory
Communist dictator of	Blitz	"Lightning" – coined by the
the USSR from the late		British press to describe the
1920s until 1953.		German bombing campaign on
US President, 1945-53.		British cities
Made the decision to	Blitz Spirit	The determination of the
drop the atomic bomb	í.	British public in the face of the
on Japan.		German bombing campaign.
1		The reality of the spirit has
A Think I		been debated.
	Operation	The code name for the
	Barbarossa	German invasion of the USSR
Finland (Russia)		

Right: Nazi Germany's conquests in the Second World War.

The furthest extent of Operation Barbarossa Occupied countries are marked in brown. Allies of Germany are marked in yellow. into the USSR is marked in pink

Year 9 EQUATIONS

Key Concepts

A formula involves two or more letters, where one letter equals an expression of other letters.

An expression is a sentence in algebra that does NOT have an equals sign.

An identity is where one side is the equivalent to the other side.

When **substituting** a number into an expression, replace the letter with the given value.

Examples

- 1) $5(y+6) \equiv 6y+30$ is an identity as when the brackets are expanded we get the answer on the right hand side
- 2) 5m 7 is an expression since there is no equals sign
- 3) 3x 6 = 12 is an equation as it can be solved to give a solution
- 4) $C = \frac{5(F-32)}{9}$ is a formula (involves more than one letter and includes an equal sign)
- 5) Find the value of 3x + 2 when x = 5

$$(3 \times 5) + 2 = 17$$

Where $A = b^2 + c$, find A when b = 2 and c = 36)

$$A = 2^{2} + 3$$

 $A = 4 + 3$
 $A = 7$

SPARX MATHS

U613, U585

Key Words

Substitute Equation Formula Identity Expression

Questions

- 1) Identify the equation, expression, identity, formula from the list (a) v = u + at(b) $u^2 - 2as$
 - (c) $4x(x-2) = x^2 8x$ (d) 5b - 2 = 13
- 2) Find the value of 5x 7 when x = 3
- 3) Where $A = d^2 + e$, find A when d = 5 and e = 2

3) ¥ = 57 (c) identity (p) exbression ANSWERS: 1) (a) formula (q) ednation

Year 9 EQUATIONS

Key Concepts

Solving equations:

Working with inverse operations to find the value of a variable.

Rearranging an equation:

Working with inverse operations to isolate a highlighted variable.

In solving and rearranging we undo the operations starting from the last one. For each step in solving an do the inverse

equation we must operation

Solve:

Solve:

$$5(x-3) = 20$$

Expand
 $5x-15 = 20$
+15 +15
 $5x = 35$
÷5 ÷5
 $x = 7$

Solve:

$$7p-5 = 3p + 3$$
 $-3p$
 $4p-5 = 3$
 $+5$
 $4p = 8$
 $\div 2$
 $p = 2$

Examples

Rearrange to make r the subject of the formulae:

$$Q = \frac{2r-7}{3}$$

$$3Q = 2r - 7$$

x 3

$$3Q + 7 = 2r$$

$$\frac{\div 2}{\frac{3Q+7}{2}} = r$$

SPARX MATHS

U755, U325, U505, U870, U556, U585

Key Words

Solve Rearrange Term Inverse operation

1) Solve
$$7(x + 2) = 35$$

2) Solve 4x - 12 = 28

3) Solve
$$4x - 12 = 2x + 20$$

4) Rearrange to make x the subject:

$$y = 3x + 4$$

ANSWERS: 1)
$$x = 3$$
 2) $x = 10$ 3) $x = 16$ 4) $x = 3$

Year 9 **REARRANGING Formulae**

Key Concepts

Rearranging an equation:

Working with inverse operations to isolate a highlighted variable.

When rearranging we undo the operations starting from the last one.

Examples

Rearrange to make r the subject of the formulae:

$$Q = \frac{2r-7}{3}$$
×3
$$3Q = 2r-7$$

$$3Q - 2I - I$$

+7 +7
 $30 + 7 - 2r$

$$3Q + 7 = 27$$

$$\div 2 \qquad \div$$

$$\frac{3Q + 7}{2} = r$$

Rearrange to make c the subject of the formulae:

$$2(3a-c) = 5c + 1$$
expand

$$6a - 2c = 5c + 1$$

$$+2c$$

$$6a = 7c + 1$$

$$6a - 1 = 7c$$

$$\div 7$$

$$\frac{6a-1}{7}=c$$

Rearrange to make a the subject of the formulae:

$$\sqrt{\frac{ac}{b}} = d$$

$$\frac{ac}{b} = d^2$$

$$ac = bd^2$$

$$a = \frac{bd^2}{c}$$

SPARX MATHS

U585, U144

Key Words

Rearrange Term Inverse

- 1) Rearrange to make a the subject $r = \frac{5a+3}{t}$
- 2) Rearrange to make m the subject 2(2p + m) = 3 5 m
- 3) Rearrange to make x the subject $\sqrt{\frac{4x}{y}} = z$

$$\frac{1}{2} \frac{1}{2} \frac{1}{2} = x$$
 (E $\frac{1}{2} \frac{1}{2} = x$ (E $\frac{1}{2} \frac{1}{2} = x$ (I:SABWENA

Year 9 Knowledge Organiser RATIO AND DIRECT PROPORTION

Key Concepts

To calculate the value for a single item we can use the unitary method.

When working with best value in monetary terms we use:

 $Price\ per\ unit = \frac{price}{quantity}$

In recipe terms we use:

Weight per unit weight quantity

If 20 apples weigh 600g. How much would 28 apples weigh?

 $600 \div 5 = 120g$ weight of 4 apples

 $7 \times 4 = 28$ apples $7 \times 120 = 840g$

Box A has 8 fish fingers costing £1.40. Box B has 20 fish fingers costing £ 3.40. Which box is the better value?



$$A = \frac{£1.40}{8} \qquad B = \frac{£3.40}{20}$$
= £0.175 = £0.17

Therefore Box B is better value as each fish finger costs less.

Examples

Ingredients for 10 Flapjacks

80 g rolled oats

30 m/ golden syrup

36 g light brown sugar

60 g butter

The recipe shows the ingredients needed to make 10 Flapjacks.

How much of each will be needed to make 25

flapjacks?

Method 1: Unitary

 $30 \div 10 = 3$ 80 ÷ 10 = 8 $3 \times 25 = 75g$ $8 \times 25 = 200g$

 $60 \div 10 = 6$

 $36 \div 10 = 3.6$ $3.6 \times 25 = 90g$

6 × 25 = **150g** Method 2: 5 flapjacks

 $30 \div 2 = 15$

 $80 \div 2 = 40$ $40 \times 5 = 200g$

 $15 \times 5 = 75g$

 $60 \div 2 = 30$ $30 \times 5 = 150g$ 36 ÷ 2 = 18 $18 \times 5 = 90g$

SPARX MATHS

U577, U753, U921, U676, **U865**

Key Words

Unitary Best Value Proportion Quantity

Ingredients to make 16 gingerbread men

180 g flour

1) How much will we need to make 24 gingerbread men?

2) Packet A has 10 toilet rolls costing £3.50. Packet B has 12 toilet rolls costing £3.60. Which is better value for money?

3) If 15 oranges weigh 300g. What will 25 oranges weigh?

ANSWERS 1) 270g flour, 60g ginger, 165g butter, 45g sugar 2) Packet B 30p per roll 3) 500g

YEAR 9 – UNIT 1 MUSICAL THEATRE

However, unlike Opera (another Theatrical Presentation where the story is told through song) there will be some spoken dialogue (in Operas there is NO speech, EVERYTHING is sung) Musical Theatre (or 'Musicals') is a Theatrical Presentation where the main story is told through song,

Musical Theatre is an important part of the British Entertainment Industry. Focussed in the West End District of London fotherwise known as "The Theatre District" it brings visitors from all over the world and, along with them, millions of pounds into the UK economy.

To help tell the story there are six main types of song/music within musicals. These are:

SOLO CHARACTER SONG: One character sings about how they are feeling (in love, full of hate, over the moon etc.), their story or about themselves. DUET: Basically the same as solo character songs but two people are singing so you get two different reactions to a situation.

INCIDENTAL MUSIC: This involves no singing at all and is just the orchestra playing Instrumental Music. This could be an 'Overture', a Dance Number or TRIOS/QUARTETS etc. Similar to Solo Character Songs and Duets, these give a chance for more lead characters to tell their stories together in one song. ACTION SONG: A song that tells the audience something they need to know such as a bit of back story/history or what is happening in the plot. CHORUS NUMBER: Basically the whole cast get together and have a big sing-song. These will usually be used to start, or finish a show (or 'act'). something as simple as Music for a Scene Change.

TYPES OF MUSICAL THEATRE

BOOK MUSICAL: A book musical is a musical that includes an originally written story, music and lyrics. Sometimes, a book musical, be called a "musical play", as book musicals often tell stories through songs. MUSICAL REVUE: A musical revue combines song, dance, music and other forms of entertainment into a show that's often a lively, celebratory affair, and gets the audience up on their feet.

GOLDEN AGE MUSICAL: Golden Age musicals are productions which premiered in the 1940s and 1950s. Rodgers and Hammerstein and Stephen Sondheim were leading figures in Golden Age musicals, including Oklahoma!, Kiss Me Kate and Guys and Dolls. JUKEBOX MUSICAL: A jukebox musical is a stage show that uses the songs of a recording artist, band or style of music to form the basis for a production. With many chart-topping musicians' tracks in a jukebox musical, this type of show has offered audiences the chance to appreciate their favourite artists in a new light

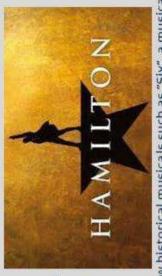
CONCEPT MUSICAL: A concept musical is a powerful way to present a message. Rather than focusing on characters, a concept musical will focus on themes. Concept musicals can be based upon a pre-existing story, such as Joseph and the Amazing Technicolor Dreamcoat offering a musical re-telling of the story in the Book of Genesis or the final few days in Jesus' life as told in Jesus Christ Superstar. ROCK MUSICAL: A rock musical is a type of musical theatre with a soundtrack that lends itself to commercial rock music. In recent years, rock musicals have frequently been performed in the West End, with examples including the jukebox rock show Rock of Ages featuring 1970s glam rock tracks made FILM MUSICAL: A film musical brings the magic of the silver screen to the stage. Film-based stage adaptations regularly draw large theatregoers to the famous by Journey, Bon Jovi and Foreigner. Rock has also had an influence in newer musicals, including Heathers and Spring Awakening.

West End, as audiences look forward to seeing some of their favourite cinematic blockbusters brought to life. In most cases, film musicals incorporate songs from the film with original music written for the stage production.

YEAR 9— UNIT 1 'HAMILTON'

Written by Lin-Manuel Miranda, as his second musical production, "Hamilton" tells the story of the American musical but, with a ground-breaking mix of Rap, Hip-hop, R&B and Pop styles along with traditional Musical Founding Father, Alexander Hamilton. You would not think that this is a particularly exciting story for a Theatre-style numbers Hamilton is no ordinary musical.

of the moment and has gone onto escalate its composer to new heights of popularity as well as inspiring new historical musicals such as "Six", a musical after night. Now, with productions around the world and box office records being smashed it is THE musical It opened 'Off-Broadway' (New York) in 2015 but swiftly moved onto Broadway itself, selling out night that tells the stories of the wives of Henry VIII.



colades include three Tony Awards, three Grammy Awards, two Laurence Olivier Awards, two Primetime Emmy Awards, an Annie creating the Broadway musicals in the Heights (2005) and Hamilton (2015), and the soundtrack of Disney's Encanto (2021). His ac-Lin-Manuel Miranda (born January 16, 1980) is an American actor, singer-songwriter, playwright, and filmmaker. He is known for Award, a MacArthur Fellowship Award, a Kennedy Centre Honour, and a Pulitzer Prize.

two nominations for the Academy Award for Best Original Song ("How Far I'll Go" and "Dos Oruguitas"). He worked on the 2016 Don't Talk About Bruno" broke various records, marked Miranda's first-ever number-one song on the US Billboard Hot 100 and animated musical Moana, and wrote the story and music for Encanto—a widespread critical and commercial success; its song "We A frequent collaborator of the Walt Disney Company, Miranda has written original songs for the studio, which has garnered him

nominated for a Golden Globe Award for Best Actor - Motion Picture Musical or Comedy. For his performance in the Disney+ live stage recording the UK Singles charts, and cemented his mainstream fame. He starred as Jack in the musical fantasy Mary Poppins Returns (2018), for which he was of Hamilton released in 2020, he received Golden Globe and Primetime Emmy Award nominations.



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	Year	Year 9.1 - KS3 Core PE Knowledge Organiser —Principles of Training
		Principles of training
	Principle	Description
		No two exercise programmes should be exactly the same because they should be designed to meet the needs
	Individual	of an individual .
	Needs	A PARQ is used to help understand individual needs, this questionnaire determines what an individual is
		capable of and will inform the intensities and types of activities to be used as part of a training program.
	Cassificity	Training should be matched to the requirements of the activity that the performer is involved in, ie Specific to
	2 specificity	the event.
		The frequency, intensity, time and/or type of exercise are gradually increased to ensure levels of performance
	3 riogressive	continue to improve until a plateau (limit) is achieved. Eg increase the training session by 10 mins (time). We
	Overload	would NEVER train so much that we would become injured, this MUST BE avoided.
		Any adaptation that takes place as a result of training will be reversed when you stop training. If you take a break
	4 Reversibility	or don't train often enough you will lose fitness (this includes when you get injured – and is why is
		someone breaks their arm, when the come out of the cast the arm can be skinny)
	5 Overtraining	This occurs when you train too hard and do not give your body enough time to rest and recover between training
		sessions.
1		

	Principle	Worked Examples
-	Individual Needs	Yr 11 pupil completing a PEP (Personal exercise plan) would complete a PARQ before they start so they can match their PEP to their individual needs. These include o Age, o Gender o Ability, o Fitness Levels. Eg The yr 11's PEP would look very different to that of a Premiership footballer – different age and ability)
2	Specificity	A basketball player looking to improve his rebounding would use plyometric training to develop his power. They would use box jumps as this is specific to the movement and the muscle groups they use when they jump for a rebound.
က	Progressive Overload	A football player looking to improve the strength of shooting would use weight/resistance training, for example a leg extension. During week 1 of a PEP they would lift 10kg, then each week they would increase the intensity by 2.5kg. (being careful not to exceed their limits)
4	Reversibility	A long distance runner, would use continuous training and they would avoid having gaps in their training to stop the effects of reversibility and returning to their untrained state. Reversibility also sets in when an injured athlete has to have a break in training due to INJURY.
5	Overtraining	A weightlifter would use weight training and train 3-5 times a week and allow time for rest and recovery and avoid overuse injury and allow adaptation.

Key Misconceptions/mistakes

- If you are training cardio-vascular endurance or muscular endurance you would need to work in your aerobic training zone.
 - If you are training muscular strength, speed or power you would need to work in your anaerobic training zone.

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FITT Principles	Worked Examples	Frequency is increased by training a greater number of times each week	Intensity is increased by lifting a greater resistance, such as with weight training, or by training at a higher percentage of maximum heart rate. This can be done either as continuous or interval training	Time can be manipulated by training for longer , reducing recovery times or by completing a greater number of sets or repetitions (also known as reps)	Type of training is manipulated by offering a variety of training types and experiences to the athlete by combining training methods.
	Description	How often to train.	How hard to train.	How long to train.	Which methods of training to use.
	Principle	Frequency	Intensity	Time	Туре
		1	2	3	4

Basic method	Max HR x Intensity	Example—aerobic training zon	Max HR is 220-age (220-16 = 20
Heart Rate, Resting Heart Rate,	Aerobic, Anaerobic, Endurance,	Strength, Plateau	

Key Vocabulary

Worked e.g thresholds of training				20-age (220-16 = 204) 204 x 0.6 = 122.4 204 x 0.8 = 163.2 aerobic training zone is 122-163 bpm
Worked e.g			John who is 16	$204 \times 0.6 = 122$
	8	tensity	erobic training zone for John who is 16	20-age (220-16 = 204)

		Key Terms
	Key terms	Recall the definitions
1	Heart Rate (HR)	
2	Resting Heart Rate (RHR)	
3	Maximum Heart Rate (MHR)	
4	Recovery Heart Rate	

Your Turn On a piece of paper, workout the AEROBIC and ANAEROBIC training thresholds for.......

(Don't forget you need to work out their Max Heart Rate first)

		Tra	aining	Training thresholds	
	Key Term	Definition		Key Term	Definition
	Aerobic Training Zone	60-80% of your maximum heart rate.	3	heart rate. 3 Muscular Endurance	Low Weight with High Repetitions & Low Sets
2	2 Anaerobic Training Zone 80-90% of your maximum	80-90% of your maximum heart rate. 4	4	Muscular Strength	High Weight with Low Repetitions & High Sets

RE Year 9 Topic 1: Crime and Punishment

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Evil actions are those that cause suffering, injury or possible death. Some actions are considered evil even though they from the disobedience of Adam and Eve means that all humans have a tendency to do things that are evil even though they are not evil themselves. The teachings in the Bible warn against having evil or wrong thoughts or intentions: 'You have heard it was said to the people, 'You shall not murder', and anyone who murders will be subject to judgement.' fond themselves. Many Christians would claim there is no such thing as an evil person. The belief in original sin came Not all evil actions come from evil intentions, sometimes a person may be influenced by the situation in which they are legal. Evil can be linked to the devil (Satan). Evil actions may be blamed on not resisting temptation. People are created good, there is usually a reason why they do wicked things, this could be due to psychological illness. (Matthew 5:21). God will make this judgement.

Suffering

would a loving God, who cares about his people, allow them to suffer? God gave humanity free will and given guidance Christians believe they should try to help everyone, they have a duty. They should follow the example of Jesus. Why about how to use free will responsibly.

Christians try to heal the wrong that has been done as Jesus taught to love and respect each other.

Treatment of Criminals

How severe the punishment is depends on the seriousness of the crime. Reformation is an important factor as both the individual and society will benefit. Christians focus on positives sanctions that help offenders change their ways. Under Shari'ah law (Muslim countries follow) the severity of the punishment depends on the seriousness of the crime committed.

Forgiveness

replacement for punishment. If the aim of punishment is to reform, the punishment should benefit the offender. When Jesus was being crucified, Jesus forgave those who crucified him. God expects Christians to show forgiveness to others, in turn they believe God will forgive them for any sins they may commit. Muslims believe only God can truly forgive Christians and Muslims believe that forgiveness is important for a living a peaceful life. They do not think it is a and will forgive those he knows are truly sorry and intend to follow the faith properly in the future.

KEY TERMS	
Crime	Breaking the law, which is punishable.
Punishment	Something legally done to somebody as a result of being found guilty of breaking the law.
Evil	The opposite of good; a force or the personification of a negative power. E.g. the devil
Hate Crime	Crimes often involving violence that are usually targeted at a person because of their race, religion, sexuality, disability or gender. Jesus taught to 'Love your neighbour.' This means to show compassion, care and respect to all. Christians believe God created all humans with equal value
Sanctity of life	All life is holy as it is created and loved by God; Christians believe human life should not be misused or abused.
Free Will	The ability of people to make decisions for themselves without constraint
Forgiveness	Showing mercy and pardoning someone for what they have done wrong.
Justice	Making things fair again.
Sin	 Any action or thought that separates humans from God Behaviour which is against God's laws and wishes or against principles of morality
Corporal Punishment	Punishment of an offender by causing them physical pain – now illegal in the UK.

Key Quotes

"There is neither Jew nor Gentile, slave nor free, male nor female, for you are all one in Christ Jesus." (Galatians 3:28) Shows equality.

"Forgive us our sins as we forgive those who sin against us." (The Lord's Prayer) Shows forgiveness. "Do not take revenge...........Do not overcome by evil, but overcome evil with good.' (Romans 12:19-21)

Practice task

'Nobody should expect to be forgiven more than once.' Write an argument to agree and disagree with the statement. How would a Christian respond?

Key Questions

sin? How does this link right to break an unjust Do you think is it ever laws; What would life to beliefs about evil? believers answer the How would religious country without any What is the original Imagine living in a be like? law?

God allow people to question: Why does

principle of utility The philosophical

maximum number of promotes maximum people affected by it. happiness for the action is right if it suggests that an

Key Terms	Definitions	Mar I
Divine	God/gods.	
Brahman	The overall God, the supreme being. Non- personal. 'it'	direc
Deities	Different gods/goddesses. Show one side of Brahman.	
Nirguna Brahman	God with no shape/form, non-personal.	la .
Saguna Brahman	God(s) with shape/form, the deities like Ganesha.	Th taking Divir
Beyond	The Divine is beyond the universe, not within it.	
Non-personal	Brahman is everywhere, not a single being to have a relationship with.	The
Personal	As the deities, Saguna Brahman, gods can be pictured and worshipped, a relationship can develop.	Brah Laksh is th
Atman	The soul inside all living beings.	an Han
Soul	Spiritual, not physical, does not die when the body does.	
Trimurti	The three main Hindu deities.	Ė
Shakti	The female side of the divine.	rem
Avatara	The idea that Vishnu comes down to earth to help humans.	iight celeb
Diwali / Divali	The Hindu festival of light.	- Fa

Key quotes on the divine:

"How many gods are there? Three and three hundred, three and three thousand."

"But really... how many gods are there? One." (Upanishads) Hindus believe in both one God (Brahman) and many deities.

Religious Studies: Hinduism Beliefs and Teachings

How do Hindus see the Divine?

Hindus believe in one overall God (Brahman) who is non-personal and impossible to worship lirectly. This is Nirguna Brahman, God beyond the universe. They worship God through deities like Lady Lakshmi, they can have a personal relationship with them. This is Saguna Brahman, god(s) with shape and form.

What do Hindus say about the soul?

The Atman is the soul inside all living beings. When a being dies the Atman is reincarnated taking on a new body. Humans and animals have Atmans. The Atman can be seen as a bit of the Divine, a bit of Brahman inside all beings. The aim of Hinduism is to escape samsara, then your Atman unites with Brahman.

Who are the key Hindu deities?

nmi, goddess of wealth, prosperity and good fortune. Lord Ganesha, with an elephant head, ie god of new beginnings and the remover of obstacles. Vishnu can come down to earth as ruman, the monkey warrior. As Lord Krishna he defeated King Kamsa. Hindus say there are hma's consort is Lady Saraswati, goddess of music and of learning. Vishnu's consort is Lady e Trimurti are often seen as the three most important deities as they act together to keep suniverse in motion. Brahma is the creator, Vishnu the preserver and Shiva the destroyer. n avatar when times are hard. As Lord Rama he defeated the evil Ravana, with help from 10 avatars of Vishnu in total.

What is Divali?

The festival of lights, and Hindu New Year. It remembers Rama and Sita returning from exile, lights were lit to welcome them home. Fireworks celebrate their victory over the 10 headed demon Ravana.

Lady Lakshmi is also worshipped, houses are cleaned and rangoli patterns drawn to welcome her. Those in business pray she will help them prosper in the new year.

The Hindu festival of Spring, and of colours.

A confused little boy.

Hindu Scriptures.

Upanishads

Svetaketu

Holi

Key quotes on deities:

The Ramayana is the story of Rama, Sita, Hanuman and Lakshmana, it shows the victory of light over dark, of good over evil.

What is Holi?

The festival of Spring, and of colours. It remembers Krishna's fun loving side, with children throwing paint powder. This is also a reminder all are equal. It also remembers the evil Holika being burned to death, defeated by her nephew Prahlad. Bonfires celebrate her destruction.

Key quotes on deities:

The Krishna stories show how an avatar fights and overcomes evil, but Krishna is also shown as loving and mischievous.

Key quotes on the divine:

Svetaketu – his father used salt in a glass of water to help him understand God is everywhere, but unseen. A seed helped him understand the idea of atman inside all living things. Unseen,

but there within.

Key terms	Key terms Definitions	1
Cosmology	Cosmology Ideas about the universe.	200 00
Cosmos	The universe.	
:		

Key terms	Key terms Definitions
Cosmology	Ideas about the universe.
Cosmos	The universe.
Prakriti	Matter.
Matter	Physical, material, experienced through the senses. Will not last forever.
Tri-guna	Three stages of matter: creation, maintenance, destruction.
Spirit	Links to the Atman, can't be experienced physically. Purusa = spirit.

Illusion, ultimately all material

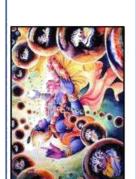
Time is made up of 4 ages: gold, The tenth avatar of Vishnu. things are an illusion. silver, copper, iron. Cycle of 4 Maya Ages Kalki

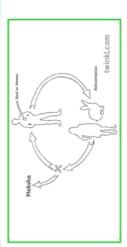
Many Worlds	Many universes, and each universe has different realms.
Diverse Inhabitants	Each universe contains different forms of beings.
Spiritual	Upper realms where deities live.

How do Hindus see the universe?

Religious Studies: Hinduism Beliefs and Teachings

upper realm of heavens, an earthly realm and a lower, unpleasant realm. In a new life we might A cluster of bubbles float in space, each one contains a universe. In each universe there is an be reborn in a different realm.





What do Hindus say about matter?

others say the spirit is more important. At enlightenment matter is seen as an illusion (maya) – only temporary. No material thing last forever, matter goes through three stages, the tri-guna, just as a coiled rope can be mistaken for a snake, so we worry about material things that are The world is made up of spirit (purusa), which can't be seen or touched, and matter (prakriti) which can be experienced through the senses. Some Hindus see both as working together, it is created, maintained or looked after and will be destroyed.

How do Hindus see time?

Then there is the age of silver, the age of copper and finally, shortest and most corrupt, the age the tenth and final avatar of Vishnu, will come and destroy the evil, allowing a new universe to of iron. We are living in the age of iron. At the end of this age (in about 427 000 years!) Kalki, Universes go through a cycle of 4 ages, the 4 yugas. Gold is the longest lasting, and the best. be created and the process start again.



"The self is hidden in all beings." (Upanishads)

Key quotes on Brahman and the universe:

'All this universe is in truth Brahman. He is the beginning and the end and the life of all." (Upanishads)

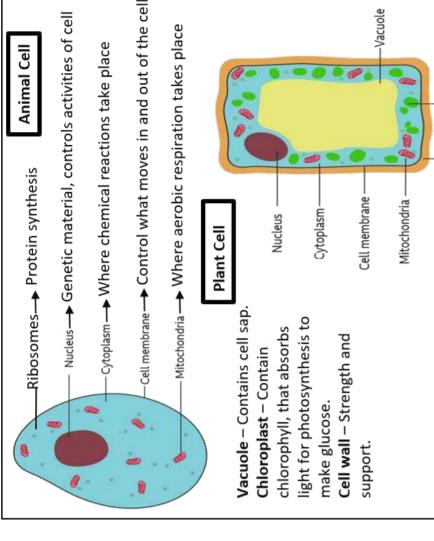


Key quotes on Brahman:

"Who truly knows... whence comes this creation?" (Rg Veda 10) Hindus say there is a lot we don't know about the cosmos.

Key quotes on cosmology:

Worlds



Prokaryotic cell – Bacterial cell – No nucleus and only

ribosomes.

Prokaryotes vs Eukaryotes

membrane bound organelles.

Eukaryotic cell - Plant and animal cell - Nucleus and

Year 9 Cells Knowledge Organiser

blood cell has a magnification? size of 7.5 µm. The image is What is its 75mm.

- x 100

Change

% change = Starting value

- The degree to which the image is larger

than the

size of an

image itself.

 $0.0000742 = 7.42 \times 10^{-5} \text{ OR}$ $345000 = 3.45 \times 10^{5}$

Standard form

Chromosomes

The degree to Magnification between two Resolution objects that possible to distinguish which it is are close together.

	Tier 2 Vocabulary	
Accurate	Estimate	Investigate
Adapt	Evaluate	Research
Approximate	Focus	Specific
Chemical	Gender	Trend
Data	Hypothesis	Volume
	Tier 3 Vocabulary	
Ribosome	Prokaryotic	Nucleus
Stem Cell	Mitochondria	Acrosome
Chloroplast	Phloem	Vacuole
Xylem	Cytoplasm	Sperm Cell
Magnification	Diffusion	Resolution
 Osmosis	Microscope	Active Transport
 Eukaryotic	Semi-permeable	Mitosis

Task: A red

Total magnification = eyepiece lens x objective lens

Calculations

 $Magnification = \frac{Image\ size}{Actual\ size}$

Chloroplasts

Cell wall

48

Stem cell – Unspecialised cell. There are embryonic and adult stem cell.

Therapeutic cloning - Stem cells with the same genetic make-up as the patient.

Stem cells - Some have the potential to become lots of different types of cells e.g new nerve cells.

STEM CELL
Cardiac
Biastocyst
Newton
Newton
Epithelial cels
Chordrocytes
Card bloom

Head

Middle

Plasma membrane

Specialised Cells

Tail

Sperm cell – Tail, many mitochondria, acrosome.

Nerve cell – Long, insulated.

<u>Chromosomes</u> Made up of DNA and control out gender and characteristics.



Acrosome Nucleus Mitochondrion (spiral shape) - Nucleus Cell wall Cell membrane **Xylem cell** – Hollow, strengthened with lignin. Vacuole Root hair cell – Large surface area. Muscle cell – Many mitochondria. Phloem cell – End cells.

Concentration Gradient Movement. High Concentratio Active Transport Diffusion: Particles moving from high to low concentration.

Osmosis: Water moving from high to low concentration through a partially permeable membrane.

Active transport: Particles moving from low to high concentration, through a partially permeable membrane, requiring energy.

Transport



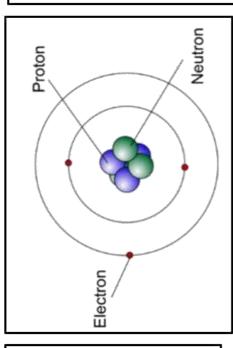
Atom – The smallest reacting particle.

Element – One type of atom.

Compound – Two or more different atoms chemically joined together.

Mixture – Two or more different substances not chemically joined.

Where	Nucleus	Nucleus	Electron
Mass		-	0
Charge	+1 (Positive)	0 (Neutral)	-1 (Negative)
Sub- Atomic Particle	Proton	Neutron	Electron



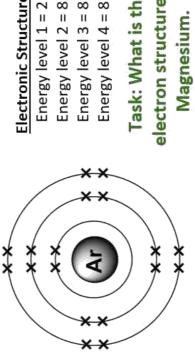
The Law of Conservation of Mass:

In a reaction, the mass of the reactants products. Matter is not created or is the same as the mass of the destroyed.

Modelling Atoms:

Chadwick - Discovered neutrons nucleus with electrons around it. Bohr – Placed electrons in shells containing negative electrons). I.J. Thompson – Plum Pudding Model (ball of positive charge Rutherford - Gold scattering experiment identified a solid around the positive nucleus.

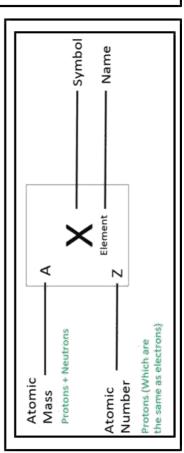
in the nucleus.



Electronic Structure:

Energy level 4 = 8 Energy level 2 = 8 Energy level 3 = 8

electron structure of Task: What is the



Tier 2 Vocabulary

Year 9 Topic 1 - Chemistry

Knowledge Organiser

Energy

Symbol

Conservation

Tier 3 Vocabulary

Proton

Neutron

Electron

Atomic mass

Atomic number

Electron shell

Periodic Table

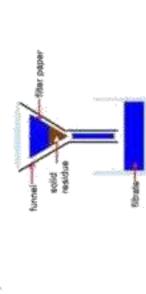
Chromatography

Crystallisation Distillation

Soluble - Something that will dissolve. Insoluble – Something that will not dissolve. Solvent – A substance that will dissolve something else.

Solute - A substance that is dissolved.

Filtration – Insoluble solid from a liquid.

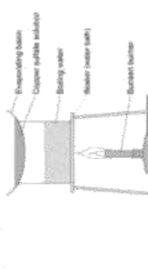


Group 0 - The Noble Gases:

These elements are inert (not reactive) because they have a full outermost shell of electrons. They don't need to lose or gain any to be stable.



Crystallisation – Soluble solid from a solution.



Group 7 – The Halogens:

- Reactivity decreases as you go down the group.
- The all have seven electrons in their outermost
- Astatine is the least reactive, fluorine is the most reactive.
- Displacement reactions can be used to see which halogen is more reactive.

8

Loses Outer Electron Sodium Ion Sodium Ion If an atom loses an electron it will become a positive ion.

If an atom gains an electron it will become an negative ion.

liquids with different boiling points.

Therroineter Cooling Mater Vol.

Distillation – Soluble solids from

Group 1 - Alkali Metals:

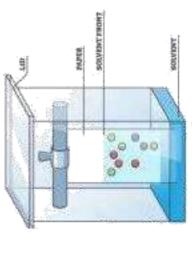


- The all have one electron in their outermost shell.
- Lithium is the least reactive, francium is the most reactive.

siegges)2

Chiefiliation feed







Year 9 Topic 1 – Energy Knowledge Organiser



mass or speed will have Objects with greater more kinetic energy. speed², v² × (kilograms, kg) mass, m × kinetic energy, $E_{\nu} =$ oules, __

(metres per second, m/s)² change of field strength, gdilogram, N/kg) gravitational (newtons per (kilograms, kg) mass, m gravitational change of

Acid rain, smog, toxic

Nitrogen oxides -

Sulfur dioxide - Acid

rain, toxic to plants

and animals

cause the following

ENERGY SOURCES

problems:

Carbon dioxide -

NON-RENEWABLE ENERGY

RENEWABLE ENERGY

change/Global

Climate

warming

Burning fossil fuels

to plants and animals

Vatural Gas

Energy flow through filament lamp

useful output energy transferred by the device (J) × height, ∆h (metres, m) For any device that transfers energy: energy store, $\Delta E_{
m p}$ potential (joules, J)

distance moved along the line total input energy supplied to the device (J) of action of the force, s metres, m work done, W = force applied, F(newtons, N.) efficiency = (Foules, J.)

S7 | wasted 3 | useful energy a Sankey diagram 60 | from electricity 60 | energy from electricity 3 j as light

When energy is transferred some might end up in a form that is produce light energy that we want and heat that is wasted not useful. This is wasted energy. For example at lamp will energy.

Tier 2 Keywords	ywords
Chemical	Movement
Heat	Height
System	Light
Work	

		Tier 3 Keywords		
Closed System	Dissipated	Efficiency	Elastic Potential	Electrostatic
Gravitational Potential	Kinetic	Magnetic	Lubrication	Open System
Thermal	Nuclear			

Energy is transferred from one object to another Waves (e.g., light and sound waves) can transfer Energy can be transferred to and from different When an electric current flows it can transfer Energy is transferred when a force moves or object with a lower temperature, changes the shape of an object. Forces (mechanical work) **Energy transfers** energy by radiation. Electricity Heating stores by: energy. Waves potential energy of the particles in the is near a magnet or in a magnetic field energy an elastic object has when it is energy a magnetic object has when it fuels, and the chemicals in batteries energy an object has because of its chemical reactions involving foods, energy an object has because of its energy a charged object has when energy an object has because it is temperature (the total kinetic and energy stored in the nucleus of an energy that can be transferred by near another charged object stretched or compressed height above the ground moving object Energy stores gravitational electrostatic thermal (or potential potential magnetic internati chemical nuclear kinetic elastic

transferred usefully or created or destroyed, dissipated (wasted). Energy cannot be Conservation of it can only be This is the Energy Work can be done opposite direction moving a charged the attraction object in the in fields by force.

This occurs in the following stores:

- Electrostatic
- Gravitational
- Magnetic

Examples of energy transfers and energy transfer diagrams

 Stretching a rubber band – chemical energy is mechanically transferred to the elastic potential store in the rubber band.

Child sliding down a slide -

Potential store of Gravitational the child

gravity increases child's speed Mechanical work done by

Mechanical work against friction

Kinetic energy of the child

Thermal energy of slide and child

It will also increase in places with more gravity, Objects with greater mass or more height will have more gravitational potential energy.



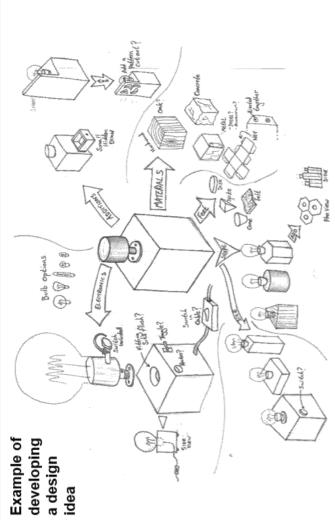
Spanish Y9 Autumn Term Knowledge Organiser Unit 1: Somos así - Talking about ourselves

Key sne	Key spellings 1	¿Qué cosas te gustan/no	What things do you	u ¿Cómo vas a	TO TO	How are you
www.thece snellings they w	I earn these shellings they will be really useful for this unit	te gustan?	like/not like?			doing to
and you will be tested on them	m sectionally used at 150 and and	Me gusta(n) (mucho)	I (really) like	cumpleaños?	c:	celebrate your
1 a menudo	offen	Me encanta(n)/Me chifla(n)	l love			birthday?
deportivo	I do to the sports centre	No me gusta(n) (nada)	I (really) don't like	Mañana		Tomorrow
monto en bici	I ride my bike	Odio	I hate	La semana que		Next week
olera	I'm going to go bowling	el deporte/el dibujo	sport/art	viene	\rightarrow	
las películas de terror	horror films	el racismo/la violencia	racism/violence	El fin de semana que		Next weekend
Cómo organizae tu	How do vou organica	la música/la tele	music/TV	viene	1	
composition of the state of the	voir week?	los insectos	animals/insects	El mes que viene		Next month
Los lines martes	On Mondays Tue	los videojuegos	videogames	El nueve de febrero		On February 9th
miércoles, jueves, viernes		las artes marciales	martial arts.	Vova	Ī	I'm doing to
Los fines de semana	At the weekend	of eliminate and confering to	What time of film do			do do-kartino
Después del insti(tuto)	After school	dusta?	vou like?			do bowling
escribo canciones	I write songs	las comedias	comedies	ir a un pardue de		do to a theme park
juego en mi consola	I play with my console	las películas de acción	action films	atracciones		
cocino para mi familia	I cook for my family	las películas de animación	animated films	pasar la noche en		have a sleepover
bailo Zumba	I dance Zumba	las peliculas de aventuras	adventure films	casa con mis		/
monto en bici	I ride my bike	las películas de ciencia	sci-fi films	amigos/as		
leo libros/cómics	I read books/comics	ficción		sacar muchas fotos		take lots of photos
toco la guitarra/el teclado	I play the guitar/keyboard	las películas de fantasia	fantasy films	jugar al paintball	-	play paintball
veo un partido de fútbol	I watch a football match	las películas de terror	horror films	Vamos a		We're going to
hago judo/natación	I do judo/swimming	las películas de superhéroes		montar en una	_ butn	ride on a
voy al parque	I go to the park	Mi pelicula favorita es	-	montaña rusa	1	rollercoaster
voy al polideportivo	I go to the sports centre	Mi actor/actriz favorito/a es	My favourite	ver peliculas de terror	епог	watch horror films
soy miembro de un	I'm a member of a		actor/actress is	¡Va a ser genial!	-	
club/equipo	club/team					
Con qué frecuencia?	How offen?	Key gra	Key grammar – The present tense (regular verbs)	ent tense (regular	verbs	
(casi) todos los días	(almost) every day	The present tense is used to talk about actions you do regularly or something you are doing right	o talk about actions yo	u do regularly or som	ething yo	u are doing right
a menudo	offen	now (I play, I am playing)				
dos o tres veces a la semana	T	To form it. 1. Remove the infinitive AR/ER/IR ending	finitive AR/ER/IR endi	DU		
A Veces	<u> </u>	2. Add the correct	Add the correct ending from the table below	wojeq e		
una vez a la semana	once a week	Nadar To swim	Comer	To eat V	Vivir	To live
siempre	always	nado I swim	como	eat	vivo	I live
todos los fines de semana	every weekend	nadas you swim	comes	you eat v	vives	you live
una vez al mes	once a month	nada (s)he/it swims	come	(s)he/it eats v	vive	(s)he/it live
dos veces aí mes	twice a month	nadamos we swim	comemos	we eat	vivimos	we live
los domingos por tarde	on Sunday evenings		comeis	aat	vivis	you pl. live
los sábados por la mañana	on Saturday mornings	nadan they swim	comen	they eat v	viven	they live

Spanish Y9 Autumn Term Knowledge Organiser Unit 2: ¡Oriéntate- Talking about work

Ke	Key spellings 2	3.2	ot on o	One to anotheris hacers	What would	Cob of edil you bloom ted/M	Oué tipo de persona	3.7	What time of nercon
I parn those snellings they will he really	nellings they	will he really	ממחם ום	gustaria liacel :	Wildt Would	you like to do:	os lad an odli anno		trype of person
usoful for this	unit and your	will be tested	Me gustaría.		would like to.	o	eres?	12	are you?
on them	unin and you v	naisai ag ilw	No me gustaría	taría	I wouldn't like to.	to	En mi opinión, soy		In my opinion, I am
d trans.		1	trabajar en el aire libre	el aire libre	work outside		Creo que soy	I thin	I think that I am
anb officer i		I liave to	trabajar con	trabaiar con animales/niños	work with animals/kids	nals/kids	muv/bastante	verv/auite	uite
2. organizado/a		organised	trabaiar en	trabajar en eduipo/ sólo/a	work in a team/alone	n/alone	ambicioso/8	ambitions	snoi
3. trabajar	to work	ork	trahajar en una oficina	ina oficina	work in an office	a	práctico/a	practical	Ca
4 escribo correos	1	I write emails	happer un trahaio	haio onoma	do a proativo/	manual inh	organizado/a	ordanicod	icad
5. escuché música	520	l listened to	creativo/manual	pajo nual	uo a creative/manual jou	nailuai joo	trabajador(a)/	hard-v	hard-working
		lic month	Por eso, me	Por eso, me gustaría ser	For this reason	For this reason, I would like	hablador(a)	chatty	
Cari que		ioh?			to be		independient e	indep	independent
Sov.	. me	: 20	cantante/periodista	riod ista	a singer/journalist	alist	inteligent e	intelligent	jent
	1	ito akao itao oo	enfermero/a	enfermero/a/mecánico/a	a nurse/mechanic	anic	paciente	patient	14
callial el 0/a	a wa	a wallel/walless	policía/veterinario/a	inario/a	a police officer/vet	r/vet	sociable	sociable	ole
cocinero/a	a cher	16	profesor(a)/	profesor(a)/diseñador(a)	a teacher/designer	gner	responsable	respo	responsible
jardinero/a	a gar	gardener							
peluquero/a	a hai	a hairdresser		¿Te gusta tu trabajo?	95	Do you like your job?	¿Qué tal ayer en el		How was work
dependiente/a		a shop assistant		Me gusta (mucho) mi		I (really) like my job	trabajo?	8	yesterday?
limpiador(a)	a cleaner	aner	,	trabajo	1		Por la mañana/Por la	In the	a ·
recencionista		a receptionist		No me gusta (nada) mi	_	I don't like my job (at	tarde	пош	morning/afternoon
3.0				trabajo	11.54		A la hora de comer		At lunchtime
¿Que tienes	¿Que tienes que nacer?	-	What do you have to	porque es	because it is.	se it is	bebi una botella de coca		drank a bottle of Coke
			doc	creativo/fácil	creative/easy	e/easy	comi una namburguesa		l ate a namburger
lengo due		I have to		estresante/interesante		stressful/interesting	dormi un poco	sle	slept a bit
ayudar a los clientes	clientes	help customers	mers	monótono/renetitivo		monofonoris/repetitive	escuche musica	liste	l listened to music
cortar el pelo a los clientes	a los clientes	cut clients' hair	, hair	nráctico/variado	practics	practical/varied	escribi SMS	ow.	I wrote texts
hablar por teléfono	éfono	talk on the phone	phone :	Mi joso/o os couoso		a is strict	hable por Skype	ods	I spoke on Skype
limpiar habitaciones	ciones	clean rooms	ns	MI Jeleja es seveloja		My boss is suite.	Jugue a un videojuego	l play	I played a videogame
preparar comida	ida	prepare food	pod	Los clientes (no) son		The customers are	llegué tarde al trabajo	larn	arrived late to work
servir en el restaurante	estaurante	serve in th	serve in the restaurant	simpaticos	(not) nice	ce	perdi mi trabajo	lost	l lost my job
vender productos en la	ctos en la	sell products in the	cts in the			Key grammar	Key grammar - The preterite tense (regular verbs)	se (regul	ar verbs)
tienda		shop			Use the	preterite to talk abo	Use the preterite to talk about past actions (I went, I ate, I swam)	te, I swam).	
¿Cómo	¿Cómo es un día típico?	ojco?	What's	a typical day like?	To form	it: 1. Remove the in	To form it. 1. Remove the infinitive AR/ER/IR ending.		
escribo correos	50		I write emails			2. Add the app	Add the appropriate ending, using the table below.	table below	
hago reservas/entrevistas	s/entrevistas		I do reservations/intervi	ns/interviews	Bailar	To dance	Comer/Subir	D	To eat/To climb
organizo excursiones	ursiones	-	l organise trips		bailé	I danced	comi/subi	lat	l ate/climbed
preparo el programa	ograma		I prepare the program	rogram	bailaste	e you danced	comiste/ subjste		you ate/climbed
trabajo con mi equipo	ni equipo		I work with my team	team	bailó	(s)he/it danced			s(he)/it ate/climbed
viajo mucho		-	I travel a lot		bailamos	os we danced	comimos/ subimos	45	we ate/climbed
voy a la oficina	13		I go to the office	e	bailasteis	eis you pl. danced	comisteis/ subisteis	1	you pl. ate/climbed
hablo inglés y español	/ español		I speak English and Spanish	n and Spanish	bailaron	n they danced	comieron/ subjeron		they ate/climbed

Year 9 - Knowledge Organiser - Design & Technology - DESIGN



DESIGN MOVEMENTS

Design Movements Timeline

Design movements are periods in time where a certain style of design was

Organic design is a style of product design which takes as its starting point organic, flowing natural forms. Undulating lines, dynamic curves, and powerful arches stand in contrast to the geometric, functional style as represented by prevalent, It's important to know about these movements as they provide a starting point to base your product on or just provide inspiration.



Organic Design 1930-1960 & 1990-Present

Streamlining 1930-1950

Bautaus 1920-1934 Surrealism 1925-1930

Futurism 1910-1945 Art Deco 1910-1940

Modernism 1880-1940

Art Nouveau 1880-1910

Arts and Crafts Movement 1850-1915

Scandinavion Modern 1935-Present Pup Art 1958-1972 ontemporary1945-1960

Art Deco is a style of architecture and design that first appeared in France just before World War I. Art Deco influenced the design of buildings, furniture, jewellery, fashion, transport, and everyday objects.



dernism 1978-Pre

Sam 1967-1978

Postmodernism is one of the most controversial movements in art and design history. Over two decades, Postmodernism shattered established ideas about art and design, bringing a new self-awareness about style



An Initial ideas page

Year 9 - Knowledge Organiser - Design & Technology - DESIGN

Ago and board			Isometric Drawings	Oblique Drawing Orthographic Drawing		Working Drawing
Design and Technology Specific Language and Terms	Computer Aided Design	An isometric drawing is a type of 3D drawing that is set out using 30-degree angles. It's a type of drawing in which the same scale is used for every axis, resulting in a nondistorted image.	A item is drawn in 2D in the correct proportions, it is then forced into 3D by projecting lines out at 45 degrees.	2D drawings drawn in detail and to scale. Orthographic projections provide 3 views, front, side and plan.	An accurate drawing providing all information required to make a product. Usually presented as an isometric or orthographic drawing.	Goes with a working drawing and breaks a design down into its individual parts, stating what it is to be made from and the quantity required of each part.
Design	САБ	Isometric Drawing	Oblique Drawing	Orthographic Drawings	Working Drawing	Parts List

Year 9 - Knowledge Organiser - Design & Technology - TOOLS / MACHINERY

HAND TOOLS	STO		MACHINERY	ERY		CUT	CUTTING
	Bench Hook		Milling Machine	Removes material a thin layer at a time Can be used to ensure an absolutely flat surface Very accurate		Scroll Saw (Hegner)	 Thin blade allows for intricate curves to be cut in timber a plastic sheet material
	Coping Saw (timber/plastic)		1	Used to 'turn' material (rotates) A tool or bit is used to			Spinning cutting tool removes wood as in is move along a
G	Tennon Saw (timber)		Lathe	shape the rotating material There are wood and engineers (metal) lathes		Hand Held Router	Used to create slots, grooves or fancy edges
	Hacksaw (metal)		Buffer / Polisher	Used to polish metal or plastics to a high shine		Jigsaw	Used to make straight or curved cuts in all materials
The COMPANY N	amel o				<u>-</u>) ·	blades and speed can be changed to suit material
	Granip		Disc	Rotating abrasive disc removes material	į.		Blade is one continuous flexible loop
	Woodwork		Sander	Used for timber and plastics		Bandsaw	Mainly used for timber but blades can be changed to cut plastics
	Vice			Used to apply heat along an area of thermoforming			can cut straight of cutved lifes
P	Hand Clamp	C Last water	Strip Heater	plastic allowing it to be bend along a line • Process is called line bending	Apart set	Table Saw	Circular blade rotates through the table surface Used to make straight cuts only Mainly used to cut boards to size
				A contains deil hit oon ho			
	Glass Paper		Pillar Drill	A rotaining unit bit can be lowered into a work piece to create holes Work musk be secured to the table.		Laser Cutter	Can be used for multiple thin materials Requires designs to be created on a computer first

Year 9 - Knowledge Organiser - Design & Technology - MATERIALS

Disadvantages

Advantages

Timber

Example of	poowljos	Hardwood
Туре	Pine	Oak
Disadvantages	Brittle Scratches easily Made from oil - unsustainable	Non recyclable Gives off fumes Made from oil - unsustainable
Advantages	Available in many colours and styles Weather proof Can be laser cut	Hard wearing Can be mixed with pigments/powders to create effects Will not burn
Example of	Thermo- Forming (shaped with heat)	Thermo- Setting (Can only shape once)
Туре	Acrylic	Epoxy Resin
	Example of Advantages Disadvantages Type	ype Example of Thermo- Thermo- Shape Advantages Colours and styles (shaped with heat) Advailable in many Can be laser cut heat) Brittle Scratches easily Made from oil - unsustainable Pine

)))	
Available in many colours and styles Weather proof Can be laser cut	Brittle Scratches easily Made from oil - unsustainable	Pine	Soffwood	Cheaper More sustainable as faster growing Widely Available	Knotty Can be weaker than hardwoods Less durable
Hard wearing Can be mixed with pigments/powders to create effects Will not burn	Non recyclable Gives off fumes Made from oil - unsustainable	Oak	Hardwood	Good aesthetic Extremely durable	Generally harder to
Advantages Relatively cheap	Disadvantages Rusts Realities of surface	Mahogany	Hardwood	Easy to maintain High strength	Note expensive Less sustainable as slower growth rate
Strong/Tough Does not rust Lightweight Easy to cut and	finish Relatively expensive	Plywood	Manufactured Board	Available in large sheets Good strength and durability Can be laser cut	More expensive than other board options Edges can splinter
Good conductor of heat and electricity	Corrodes Relatively expensive				

Metals

Example of

Type

Steel

(Contains Iron) Ferrous



Relatively expensive

(Does not contain iron)

Non-Ferrous

Copper

(Does not contain

iron)

Non-Ferrous

Aluminium

PVC plastic on a reel. This is heated and used to print 3D Printing uses PLA or a thin layer at a time

> Relatively expensive Heavier than alternatives

Low melting point for

Does not rust

Pewter

Polishes to a high easy casting

(Mix of multiple

metals)

shine



Year 9 - Knowledge Organiser - Design & Technology - PROCESSES / H&S

All air is sucked out creating a vacuum, pulling the Tool steel moulds have the negative shape within A thermoforming sheet or film (usually HIPs) is Moulded plassic then cools and becomes rigid Used to create items fike, plastic buckets and clamped above the bed and heated until soft A mould is placed onto the vacuum bed Molten material is forced into a mould Bed is lift into the heated plastic plastic over the mould school chairs Shaping Plastics Moulding Forming Injection Vacuum



Used to shape aluminium

Bending Materials

up and bent one fold at a

Sheet metal

cast in pewter Two leaves

A heating element soffens a

Bending

thermoforming plastic (acrylic) along a line

Strip Heater

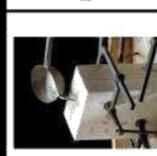
Process is called Line

spildered, brazed etc. Joins can be rivered.

shape and held in place until

cooled

This can then be bent to



	Casting	ting
		 Used to cast metals or thermoforming plastic:
		Material is metred and pours into a mound Once cooled it can be removed and any seem intendment. In
	Die Casting	who was the most of the second
VI.		part which set through a chemical reaction Otten referred to as Resin
1		

and held in a jig to keep them

Lamination

in the desired shape

Once set the item is removed

from the jig and frimmed to

Thin strips are glued together

Woods can be bent by

Year 9 - Knowledge Organiser - Design & Technology - CAM

COMPUTER AIDED MANUFACTURE



Ca	Sticky be to shape
3D Printing	Vinyl Stickers
arrivane.	









Interlocking laser cut toy in plywood

Requires specialist training

Expensive to set up

Accurate to low tolerances

Advantages

Quick - rapid prototyping

Disadvantages

Job loss to automation

Multiples can be produced easily

Some materials such as glass engraved but can be not cut.



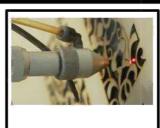


Black = Laser engrave

Other colours can be set up and used as required

3D printer using thin layers to create a 3D shape





Notes

Notes

Core British Values

I recognise that it is unacceptable to dismiss the beliefs and opinions of

anyone.

I understand that discussions about sensitive issues will be controlled and structured.

- I can influence the way the school runs through
 the school council and by talking to staff.
- I can influence my lessons through putting my hand up and responding.

Tolerance Lilbert

choices that affect me but I recognise that I am accountable for all my actions.

· I am free to think as I see fit.

I recognise that everyone is entitled to their opinion as long as it does not promote extremism.

Respect

Responsibility

We all have a responsibility to promote and protect the

wellbeing of others.

 I understand that everyone is entitled to a voice within the classroom.

Law

 I will listen to others as I would like to be listened to,

I understand that the school rules are used to mirror society laws and must be respected.

I recognise that there will be consequences for my actions.



Social - Moral - Spiritual - Cultural



I take responsibility for all of

my actions - good or bad.

responsible for my learning

as my teacher.

I recognise that I am as

Theme: Sexual health, STIs, pregnancy, contraception and genitals
Organisation: Brook
Website: www.brook.org.uk

Organisation: Young & Free Website: https://youngandfree.org.uk/

Theme: Healthy Lifestyle, balanced diet and exercise Organisation: NHS Better Health Website: www.nhs.uk/better-health/

Theme: Health, Wellness and Mental Health
Organisation: NHS
Phone: 111
Website: www.nhs.uk

Theme: Mental Health, Wellness and self-care Organisation: Young Minds

Text line: 85258
Website: www.youngminds.org.uk

Theme: First Aid
Organisation: St John Ambulance
Phone: 0370 0104 950
Website: www.sja.org.uk/

Theme: Health
Organisation: Chat Health
Website: https://chathealth.nhs.uk/

Theme: Testicular Cancer and Breast Cancer
Organisation: Movember
Website: uk.movember.com/

Theme: Female Genital Mutilation Organisation: NSPSS FGM Helpline Phone: 0800 028 3550 Email: fgmelp@nspcc.org.uk Website: www.nspcc.org.uk/what-is-child-abuse/typesof-abuse/female-genital-mutilation-fgm/ Theme: Mental Health Organisation: Kooth



WEAR 9

Organisation: FRANK (National Drugs Helpline)

Website: www.talktofrank.com/

Theme: Drugs, addiction and dependency

STAYING SAFE
Organisation: Act on it Phone: 01270 250 390



Website: www.actonitnow.org.uk

Theme: LGBTQ+, equality, sexuality and gender Organisation: Stonewall Website: www.stonewall.org.uk Theme: LGBTQ+ Equality
Organisation: Kite Trust (Cambs)
Website: https://thekitetrust.org.uk/
Organisation: Norfolk LBGT+ Project
Phone: 01603 219299
Website: https://horfolkigbtproject.org.uk/



ducation

Careers:

Unifrog - www.unifrog.org

Help you choose: https://helpyouchoose.org/content/
National Careers Service: https://nationalcareers.service.gov.uk/
I Can Be A: https://www.icanbea.org.uk

