YEAR 9

BHA's

Knowledge Quest

Autumn 2 (Nov - Dec) 2025-2026







How to use your Knowledge Quest Booklet

To support you in making progress in each of your lessons, your teachers have produced Knowledge Organisers which contain all of the main facts, knowledge and information that you need to know to be successful and make progress this half term. There are lots of ways to use these Knowledge Organisers, but the most important thing is that you are revising the knowledge and

you are able to recall it in your lessons. Please see below details of how to use this booklet; what your half termly homework looks like and how to secure lots of positive Class Charts points!

English: 30 minutes of Sparx Reader, every week.

Maths: 30 minutes of Sparx Maths, every week.

Science: 30 minutes of Seneca homework, every week.

MFL: 1 list of vocabulary to learn for a test in lesson AND 1 quiz to complete on Language Nut, MFL platform every fortnight.

<u>History:</u> 30 minutes of Seneca revision, every week. Additional revision provided for assessments.

Geography: 1 hour of Seneca per fortnight.

RE: Holistic quiz using Knowledge Organiser and lesson on teams, every 4 weeks.

PSHE: Independent self quizzing from Knowledge Organiser.

<u>DT:</u> Food Studies- Seneca assignment set as part of each 9-week rotation. Engineering Seneca assignment to prepare for BBB assessment set as part of the rotation. Independent self-quizzing from Knowledge Organiser.

Art: To research/find and create resource images for projects when required.

<u>All other subjects:</u> Revise the information in this booklet using the revision sheets included with each subject.

Timetable

Use this page to copy out your lessons and room numbers

	W1 Mon	W1 Tues	W1 Wed	W1 Thurs	W1 Fri	W2 Mon	W2 Tues	W2 Wed	W2 Thurs	W2 Fri
1										
2										
3										
4										
5										
6										

Enrichment and Intervention 2025-26

Autumn Half	Term 2	Enrichment and intervention	ntervention 2025-26		
Monda Breakfast Start B	Monday Start Right Club	Tuesday Start Right Club	Wednesday Start Right Club	Thursday Start Right Club	Friday Start Right Club
7.45am – 8.30am	Library open	Library open	Library open	Library open	Library open
Lunch 12.45pm – 1.15pm	MUGA Year 9 Library Year 11	MUGA Year 11 Library Year 10	MUGA Year 10 Library Year 9	MUGA Year 8 Library Year 8	MUGA Year 7 Library Year 7
	Yr 7 Table Tennis LG Yr 7, 8, 9 Keyboard club- Room 36 SW	Yr 8 Table Tennis LG	Yr 9 Table Tennis LG All Years Vocal Group /Choir Room 36 SW	Yr 10 Table Tennis LG	Yr 11 Table Tennis LG
Period 7 Monday Tuesday Thursday 3.30pm -	Year 11 Open / MFL Subject Intervention Week 1 Week 2 C Block Year 9 football (Field)	Year 11 Science Intervention All years Table tennis (Large Gym) GH All years Basketball (MUGA) WT- New	Year 11 English and Maths Intervention Year 7/8 Trampolining (Small Gym) KHA All years Table tennis (Large Gym) WT New	Year 11 Geography /History Intervention Year 7 Football (Field) NK All years Legacy cohort Latin Club Room 60 AA	All years Dungeons and Dragons (MB) Room 5 Yr 10/11 Engineering coursework catch up intervention-By invitation only LN
Wednesday Friday 2.35pm - 3.35pm	All years Chess Club – Room 9 MAG All Years Debate Mate Room 23 BED Sparx Maths Club – Room 15 DHY / RMI All years Table Tennis (Large Gym) NK	Year 7 and other beginners Latin Club Room 60 AA Year 8 football (Field) JS All years Dance Club (Dance studio) CG All years Hooked on Bristnall	Year 10 Football (Field) NK All years Dance Club (Dance studio) JR All years Board Game Club Room 55 AK All years The Rep Theatre - Performing Arts Club Room 16		Yr 10/11Textiles coursework catch up intervention- By invitation only NB/KWK
	All years Girl's Football (MUGA) JS/NW- New All years Task Master Room 28 GEG All years Science Club Lab 49 SAM/BHO/RHA Year 7 – 9 Masterchef Room 45 (limited to 15 pupils only) CCR/MSH/PCR SEND Reading Intervention ADI/LOM Room 2	Room 53 JW All years Beyond the Books (Reading Club) Room 24 FH All years Digital skills Room 30 MCA Soom 30 MCA Basketfields Booster for Year 10 English Room 23 FBA Masterchef (SEND) Room 45 CCR/MSH/MCS SEND YB Reading Intervention ADI/LOM 33	All years Geography Club Room 2 SBW All years Ultimate Uno Club Room 23 QSM All years Scene Stealers Filmmaker Club Room 22 DLA All years Act Up! Drama Club Room 24 SBS Yr 10 GCSE Computer Science students only: Programming practicals Room 62 JM Yr 10 iMedia students only: coursework catch-up Room 10 HA All years- The Articulators Board game articulate for kids RBi/ROOM 38 RBi/ROOM 38 Sear 7, 8, 9 Girls Football WBA Scom 1 SEND Scoial Society CCR/CST Room 1 SEND	All Years Graphics club KWK 43 Year 7,8,9 Music Rock Band- Room 36 TW Russian Language Club for beginners Room 58 RMI	
			SEND Homework Club – JRE/MPA Room 31 SEND Y10 Direct Instruction Lit – JPG Room 3		
Academic Task Darts Parts Co ho Co h	emic Task Master (will meet all parts of the diploma) Latin Club (new and legacy co horts) Chess Club Sparx Maths Club Geography Club Science Club Lab 49 Debate Mate Beyond the Books' Reading Club Russian Language Club for Beginners Any other subject intervention	Creati	all parts er club rochet ty b	Physical Task Master (will meet all parts of the diploma) Pootball Table Tennis Basketball Netball Trampolining Dance	neet all

Dates to remember this half term:

November <u>December</u>

Attendance record



Week	Attendance %
Week 1	
Week 2	
Week 3	
Week 4	
Week 5	
Week 6	
Week 7	

Remember to click: 'Login with Microsoft' using your academy email address and password!

Sparx Check!

In the boxes below, write the XRP score that you achieved for each subject. Your form tutor will award you additional CC points for the more XRP points you achieve in addition to the set points for each weekly homework.

	Sparx Reader Points:	Sparx Maths Points:
Week 1		
Week 2		
Week 3		
Week 4		
Week 5		
Week 6		
Week 7		
Total this half term:		

Seneca Check!

Remember to click: 'Login with Microsoft' using your academy email address and password!

In the boxes below, write the titles of the assignments that you complete for each subject and your overall percentage scores. Your form tutor will award you additional CC points for the highest percentages you achieve in addition to the set points for each weekly homework.

	English Assignments:	Science Assignments:	History Assignments:	Geography Assignments:
Week 1				
Week 2				
Week 3				
Week 4				
Week 5				
Week 6				
Week 7				
Total assignments completed this half term:				

Language Nut Check!

Remember to click: 'Login with Microsoft' using your academy email address and password!

In the boxes below, write out how many points you have achieved from your weekly homework. Your form tutor will award you additional CC points for the highest scores you achieve in addition to the set points for each weekly homework.

	MFL Homework:
Week 1	
Week 2	
Week 3	
Week 4	
Week 5	
Week 6	
Week 7	
Total assignments completed this half term:	

Independent Study Check!

Your form tutor and your parent/carer will also check that you are completing your independent study within this booklet. Additional positive CC points will be awarded for beautiful presentation and your ability to demonstrate a strong recall of the knowledge within this booklet.

	End of Half term Form Tutor Check:	Parent/Carer Check:
Independent Study Completed?		
Beautiful Presentation?		
Recall of Knowledge?		

Personal Reflection: W	hat are you most prou	ıd of within your Inde	ependent Study Bookle	t?

Homework Log

Use this page to record any homework this half term

Subject	Date Due:	Additional Notes:

Homework Log

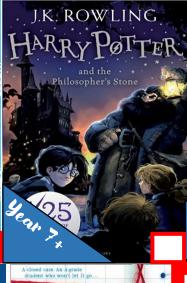
Use this page to record any homework this half term

Subject	Date Due:	Additional Notes:

	Look, Cover,	Definitions to Key	Flash Cards	Self Quizzing	Mind Maps	Paired Retrieval
	Write, Check	Words				
Step 1	Look at and study a specific area of your knowledge organiser.	Write down the key words and definitions.	Use your knowledge organiser to condense and write down key facts and or information on your flash cards.	Use your knowledge organiser to create a mini quiz. Write down questions using your knowledge organiser.	Create a mind map with all the information you can remember from your knowledge organiser.	Ask a partner or family member to have the knowledge organiser or flash cards in their hands.
Step 2	Cover or flip the knowledge organiser over and write down everything you remember.	Try not to use your knowledge organiser to help you	Add pictures to help support. Then self quiz yourself using the flash cards You can write questions on one side and answers on the other.	Answer the questions and remember to use full sentences.	Check your knowledge organiser to see if there were any mistakes with the information you have made.	They can test you by asking you questions on different sections of your knowledge organiser.
Step 3	Check what you have written down. Correct any mistakes in green pen and add anything you missed. Repeat.	Use your green pen to check your work.	Use a parent/carer or friend to help quiz you on the knowledge.	You can also use family to help quizyou. Keep self quizzing until you get all questions correct.	Try to make connections that links information together.	Write down your answers.

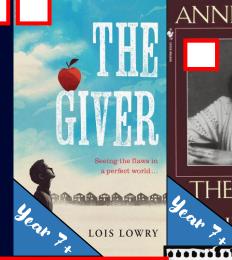


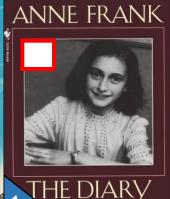




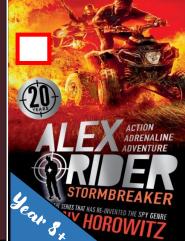


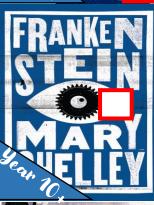


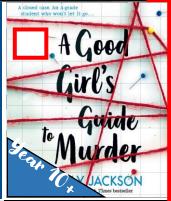




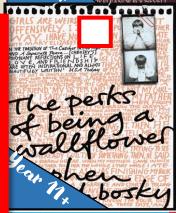


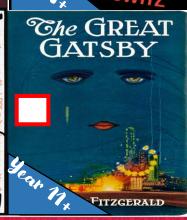










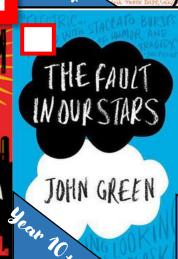














Contents page

Subject	Page
Further Reading List	1
. English	2-3
Maths	4-5
Science	2-9
MFL	8-13
PARENT/ CARER QUIZZES	14
History	15-16
Geography	17
DUAL CODING	18
Art	19-20
Engineering	21-22
Textiles	23
Graphics	24
Catering	25-27
REVISION CLOCK	28
Music	29
Dance	30
MIND MAPS	31
PE	32-33
BRAIN DUMP	34
RE	35
KEY WORDS	36
VOCABULARY	37-38



Further Reading List



HOW TO BECOME A

Year

GRAPHIC **DESIGNER**

His New York Times bestselling novels of youthful rebellion



With a new introduction by Edward Snowden brother & home land

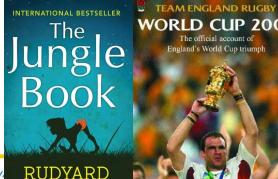


A DREAM OF

SADLERS WELLS

The AB Guide to

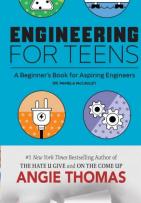
Music Theory



LING

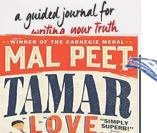
TRISTRAM STUART





Challenge yourself by reading these topicrelated books!

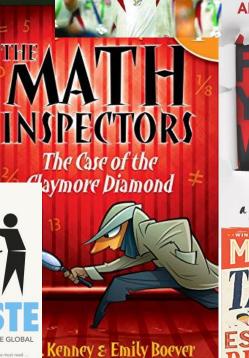












Structural features in writing



Cliff hanger – leaving the reader wanting to know more or wondering what will happen next. In this case, the resolution of the story isn't totally completed.



Shifting between different times and places (you may notice this between paragraphs).



Changes in *narrative perspective*. When the narrative perspective changes from 1st to 3rd person or vice versa. Can be used to give a range of angles so that the reader can be fully informed.



Withholding information. For example, avoiding giving a character a name. Giving limited detail. Can make the reader more intrigued and more curious about a character or situation.



Flashback. When a narrative or character within a narrative looks back into the past to reflect on something that has happened. This normally affects the view of their future. Narrowing of information. Where the focus zooms in to give extensive detail on particular part of the story. This can be an object/person or location.



Cyclical structure. When the narrative returns to the start at the end. Can be used to provoke further curiosity and suggest there is no way out of a negative situation.



Foreshadowing. Clear hints at what will happen in the future, often foreshadowing is negative, sometimes giving the reader a sense of impending doom that is impossible to stop.



A turning point is a moment in a story when a major narrative shift takes place and the rest of the story will be different.

Methods for structuring a narrative or description



DROP = DROP your reader into the middle of the action or setting.



SHIFT = SHIFT your perspective, time, location or atmosphere.



ZOOM = **ZOOM** in on a tiny detail/give a detailed description of an object/person.



LINK = LINK your ending to the opening by returning to something you described at the start. You can even repeat words or phrases here.

Ambitious vocabulary

trepidation= a feeling of fear or anxiety.

imperious = arrogant and domineering.

sinewy = lean and muscular.

interminable = endless or apparently endless.

flagrant = an action considered wrong or immoral.

impenetrable = impossible to pass through or enter.

heralded = a sign that (something) is about to happen.

insidious = sneaky or being secretly dangerous or harmful.

accursed = under a curse.

obscure = uncertain or unknown.

deferential = respectful.

tenacious = to keep a firm hold of something.

WHERE will your journey take you? Your reader?

Metaphor = When you describe one thing as being another thing, that it cannot literally be. e.g 'A mushroom cloud of toxic smoke erupted into the air.'

Motif = Motifs, on the other hand, are images, ideas, sounds or words that help to explain the central idea of a literary work i.e. theme. e.g The motif of pairs/pairing used in the Boy in the striped Pyjamas – the two house –the two boys

Symbol = Symbols are images, ideas, sounds or words that represent something else and help the reader to understand an idea or concept in more detail. e.g The use of the image of the chickens' heads in 'I am Malala' is used to represent the lack of freedom, injustice and violence people are subjected to.

Foreshadowing = when a writer hints at what may happen in the rest of the story/in a character's future.

Pathetic fallacy = when human emotions/emotions of the character in a story, are reflected in aspects of nature, such as the weather.

Violent verbs = verbs which are forceful, dynamic and require lots of energy. e.g grab, push, steal, wrench

Juxtaposition = when two things are placed side by side for comparison, often to highlight the contrast between them. E.g the sense of calm contrasted with the sense of calamity in Frankenstein.

Imagery = visually descriptive or figurative language e.g through the use of personification, metaphor or simile

Auditory imagery = imagery and description linked to sound e.g The build up of sound in Murder on the Orient Express

Semantic field = A semantic field is a set of words which are related in meaning. e.g abandoned, lonely, alone, outcast = semantic field of isolation.

Asyndetic list = means listing connected with a comma instead of a conjunction/connective. e.g "A man with no hat, with broken shoes, with an old rag tied round his head."

Language Assessment Objectives

Reading:

AO2: Analysis of writers use of language and structure using terminology and the exploration of the effects on reader.

Writing:

<u>AO5:</u> Communicate clearly, effectively and imaginatively, adapting tone, style for different forms, purposes and audiences. Organise information and ideas, using structural and grammatical features to support coherence and cohesion of texts;

AO6: Use a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation.

CONSTRUCTING IN 70/30... 3D Shapes YEAR 9

Maths

What do I need to be able

By the end of this unit you should be able to: to do?

- Name 2D & 3D shapes

 - Recognise Prisms
- Draw plans and elevations Find areas of 2D shapes

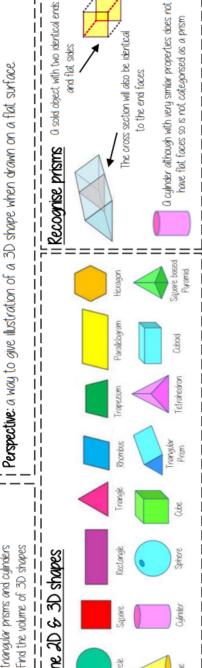
Sketch and recognise nets

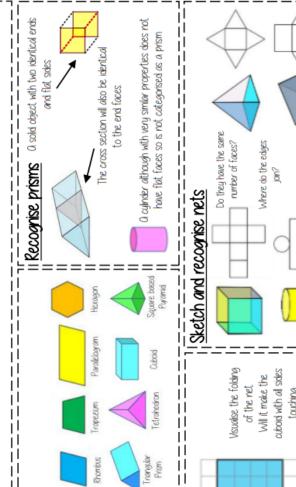
- Find Surface area for cubes, cuboids, triangular prisms and culinders

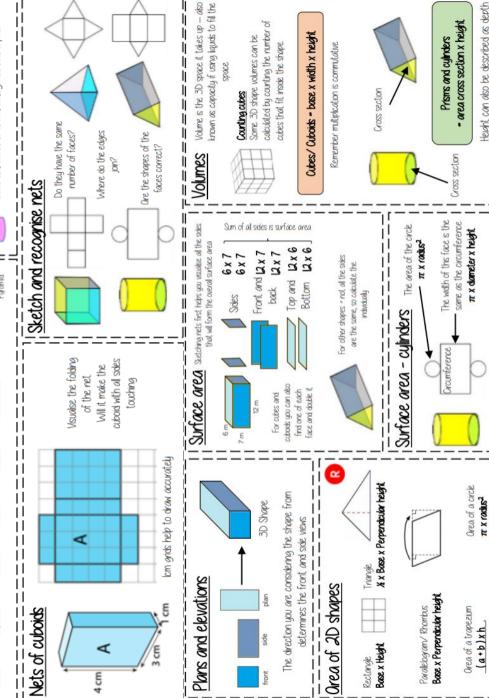
3D shapes Name 2D &

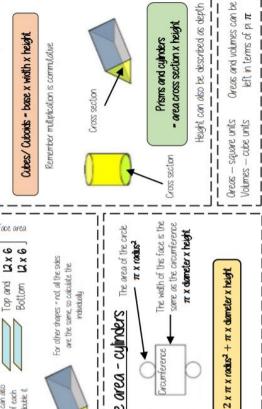
heywords

Plan: a drawing of something when drawn from above (sometimes birds eye view) Gross-section: a view inside a solid shape made by cutting through it 3D: three dimensions to the shape e.g. length, width and height Vertex: a point where two or more line segments meet 20: two dimensions to the shape e.g. length and width Edge a line on the boundary joining two vertex **Face**: a flat surface on a solid object









Maths

Constructions & congruency

What do I need to be able

to do?

By the end of this unit you should be able to:

- Draw and measure angles
 - Construct scale drawings
- Find beus of distance from points, lines, two
- Construct perpendiculars from points, lines,
- dentify congruent triangles dentify congruence

Make a mark at 35° with a pencil Ond join to the angle point (use a ruler) Draw and measure angles Draw a 35°

Make sure the cross is at the end of the Ine (where you want the angle)

Keywords

Protractor: piece of equipment used to measure and draw angles Locus: set of points with a common property Equicistant: the same distance

Discorectangle: (a stadium) — a rectangle with semi circles at either end

Perpendicular: lines that meet at 90° Orc: part of a curve Bisector: a line that divides something into two equal parts Congruent: the same shape and size

Scale drawings

œ

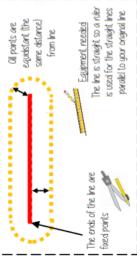
2

O picture of a car is drawn with a scale of 1.30 For every bm on my mage is 30cm in real life

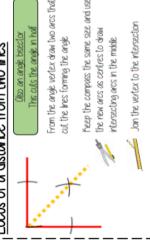
The car mage is

The radius is the distance from the fixed point Equipment needed Oll points are equidistant (the same sistance) from the fixed point in the Locus of a distance from a point If the point is in the corner it can only make a quarter

cous of a distance from a straight line



Locus of a distance from two lines



Constructing Triangles





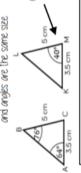
Side, Side, Side



Congruent figures are identical in

size and shape — they can be reflections or rotations of each

Congruent shapes are identical — all corresponding sides nd angles are the same size

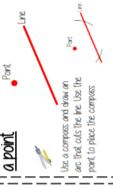


JĈB = K**M** L

Because all the angles are the same and OC-FM BC-LM triangles OBC and FLM are congrent

Construct a perpendicular from

Locus equidistant from two points



oined, this new line intersects it at a 90°

Olso a perpendicular bisector Because if the points are heep the compass the same distance and now use your new points to make new interconnecting arcs

Join the intersections with a

Connecting the arcs makes the bisector

equidistant from both points

Oll points on this line are

heep the composs the some size and draw two arcs from

Congruent figures

If P is a point on the line the steps are the same

Congruent triangles

Side-side-side

Oil three sides on the triangle

Ongle-side-angle

Two angles and the side connecting them are equal in two triangles

Side-angle-side

two triangles (it will also mean the third side is the same wo sides and the angle in-between them are equal in size on both shapes

Right angle-hypotenuse-side

The triangles both have a right angle, the hypotenose and one side are the same

AQA Combined Science: Physics Topic 3 Particle Model of Matter

Particles

Solids have strong forces of attraction. They are held together very closely in a fixed, regular arrangement. The particles do not have much energy and can only vibrate.



Liquids have weaker forces of attraction. They are close together, but can move past each other. They form irregular arrangements. They have more energy than particles in a solid.



Gases have almost no forces of attraction between the particles. They have the most energy and are free to move in random directions.



Dancitu

Density is a measure of how much mass there is in a given space.

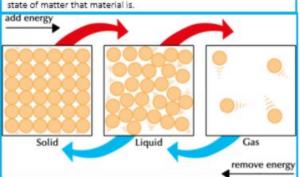
Density (kg/m3) = mass (kg) + volume (m3)

A more dense material will have more particles in the same volume when compared to a less dense material.



The kinetic theory of matter level of energy of the particles in a material of

The level of energy of the particles in a material determines what state of matter that material is.

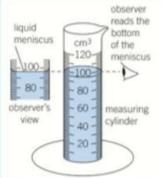


Changing State

If a system gains more energy, it can lead to a change in temperature or change in state. If the system is heated enough, then there will be enough energy to break bonds.

When something changes state, there is no chemical change, only physical. No new substance is formed. The substance will change back to its original form. The number of particles does not change and mass is conserved. Measuring the density of a liquid:

- Measure mass of the empty beaker with a balance
- Add the liquid and measure the mass of the liquid and beaker
- Calculate the mass of the liquid (mass of the liquid and beaker - mass of the empty beaker
- Measure volume of the liquid with the measuring cylinder



Increasing

internal

energy

Figure 3 Using a measuring cylinder

Required Practical

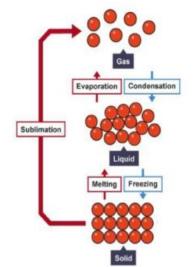
Measuring the density of a regularly shaped object:

- Measure the mass using a balance.
- Measure the length, width and height using a ruler.
- Calculate the volume.
- Use the density (p = m/V) equation to calculate density.

Measuring the density of an irregularly-shaped object:

- Measure the mass using a balance.
- Fill a eureka can with water.
- Place the object in the water the water displaced by the object will transfer into a measuring cylinder,
- Measure the volume of the water. This equals the volume of the object.
- Use the density (p = m/V) equation to calculate density.

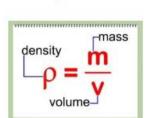


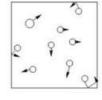


Particles

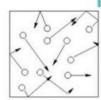
Gas particles can move around freely and will collide with other particles and the walls of the container. This is the pressure of the gas.

If the temperature of the gas increases, then the pressure will also increase. The hotter the temperature, the more kinetic energy the gas particles have. They move faster, colliding with the sides of the container more often.





Cool gas, fewer and less energetic collisions



Hot gas, more and more energetic collision

Plant Cells

Prokaryotic and Eukaryotic Cells Animal Cells PL

cell membi

Cell Biology Knowledge Organiser – Foundation and Higher

Required Practical

Microscopy Required Practical

use a pencil and label important Includes preparing a slide, using a light microscope, awing any



Osmosis and Potato Practical

- Independent variable concentration.
- Dependent variable change in mass.
- Control variable volume of solution, te surface area of the potato.

The potato in the sugar solution will lose water and so will have less mass at the end; the potato in the pure gain water.





When a cell changes to become a specialised cell, it is called Specialised Cells

Specialised Cell	Function	Adaptation
sperm	To get the male DNA to the female DNA.	Streamlined head, long tail, lots of mitochondria to provide energy.
herve	To send electrical impulses around the body.	Long to cover more distance. Has branched connections to connect in a network.
muscle	To contract quickly.	Long and contain lots of mitochondria for energy.
root hair	To absorb water from the soil.	A large surface area to absorb more water.
phloem	Transports substances around the plant.	Pores to allow cell sap to flow. Cells are long and joined end- to-end.
xylem	Transports water through the plant.	Hollow in the centre. Tubes are joined end-to-end.

Plant

Animal

Plant and animal cells have similarities and differ

chloroplasm

mitochondria

>

>

× >

permanent vacuole cell membrane

>

mitochondria

> ×

ribosomes cell wall

×

cytoplasm chloroplast

nucleus

Equations and Maths



Bacterial cells do not have a true nucleus, they just have a single strand of DNA

Bacterial Cells

that floats in the cytoplasm. They contain a plas

cell wall

cell membrane

Maths Skills

etres to millimetres: divide by 1000. Standard Form: 0.003 = 3 × 10⁻³ 5.6 × 10⁻⁶ = 0.0056

Stem Cells

Embryonic stem cells are undifferentiated cells, they have the potential to turn into any



marrow, they can only turn into some types Adult stem cells are found in the bone

Uses of stem cells:

of cells e.g. blood cells.

- Replacing faulty blood cells;
- · making insulin producing cells;

making nerve cells.	Some people are agair	For Stem Cell Resea	Curing nationts with
	>0	80	
	X	8	

Key Vocabulary

gas exchange eukaryotic mitosis

Page 7 undifferentiated prokaryotic specialised replicated

In the nucleus of a human cell there are 23 pairs of chromosomes. Chromosomes contain a double helix of DNA. Chromosomes have a large number of genes



The cell cycle makes new cells.

Mitosis: DNA has to be copied/replicated before the cell carries out mitosis.



active transport alveoli multicellular

diffusion osmosis

Chromosomes and Mitosis

kind of cell.



e people are against stem cell research.

For Stem Cell Research	Against Stem Cell Research
Curing patients with stem cells - more important than the rights of embryos.	Embryos are human life.
They are just using unwanted embryos from fertility clinics, which would normally be destroyed.	Scientists should find other sources of stem cells.

Stem Cells in Plants

cells are found in the meristem. These stem cells are able to produce clones with specific features for a farmer, e.g. disease of the plant. They can be used to grow In plants, stem

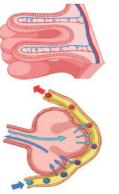
Exchange - Humans

Multicellular organisms have a large surface are to volume ratio so that all the substances can be

Gas exchange: Lungs

The alveoli are where gas exchange takes place.

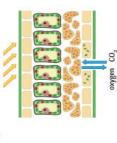
They have a large surface area, moist lining, thin walls and a good blood supply.



Villi: Small Intestine

Millions of villi line the small intestine increasing the surface area to absorb more digested food

They are a single layer of cells with a good blood supply. Exchange in Plants



The surface of the leaf is flattened to increase the surface area for more gas exchange by diffusion.

Oxygen and water vapour diffuse out of the stomata. Guard cells open and close the stomata, controlling water loss

Diffusion is the spreading out of Key Processes

particles from an area of higher concentration to an area of low concentration. Cell membranes are semi-permeable,

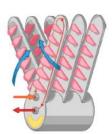
only small molecules can get through

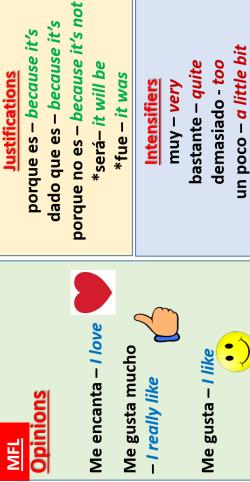
Cell Diffusion

permeable membrane from a region of higher concentration to a region Osmosis is the movement of water molecules across a partially of lower concentration.

gradient. This process requires Active transport is the mover of substances against the

Fish have a large surface area for gas exchange. These are called mouth and goes out through the gills. The oxygen is transported from the water to to the water. Each gill has gill filaments which give the gills a the blood by diffusion. Carbon dioxide diffuses from the blood large surface area. Lamellae cover each gill filament to further thin surface layer and capillaries for good blood supply which Active Transport in Cells increase the surface area for more gas exchange. They have gills. Water enters the fish through the energy from respiration. Exchange in Fish nelps with diffus





un poco – a little bit también – *also* Connectives V - and

No me gusta – I don't like

Reasons

interesante - interesting fantástico – *fantastic* divertido – *fun* genial – great guay - *cool*

pero – *but*

horrible - horrible aburrido – *boring* difícil – difficult terrible - *awful*

Como se dice... en ingles / en español? *How do we say... in English/Spanish?* Traduce – *Translate!* Repite – *Repeat!* Copia – *Copy!* Lee – *Read!*

– Look!

Escucha – *Listen!* Mira

Write!

Escribe –

Instructions

sin embargo - *however*

(O)

odio / detesto - I hate

Que/Cual es...? What is it...? Empareja – *Match up!* Questions

Los Números

Hola señor / señorita – *Hello Sir / Miss* Classroom language

Si / no – Yes / No

uno.

Por favor - Please

Gracias - Thank you

un bolígrafo (verde) – a *(green) pen* un cuaderno – *an exercise book* un diccionario– *a dictionary* el papel – some paper una regla – *a ruler* ¿Puede usted repetir? Necesito... - I need

treinta y dos. treinta y tres cuatro.. cinco. dos. tres.

treinta y uno.

treinta y cuatro.

treinta y cinco.

treinta y seis..

\$ 42 43 \$ 8 47 cuarenta y cuatro. cuarenta y cinco. cuarenta y siete. cuarenta y sels... treinta y nueve. cuarenta y uno. cuarenta y dos. cuarenta y tres. treinta y ocho. treinta y siete. cuarenta.

2

dez-

nueve

siete.

noventa_ ciento...

88

cincuenta

veintiuno...

veinte_

sesenta.

setenta.

ochenta.

veinticuatro.

veintitrés.

veintidós

veinticinco.

veintiséls

2

\$ 4

cuarenta y nueve.....

cuarenta y ocho..

8

dieciocho. dlecislete.

dieciséis.

No entiendo – I don't understand

Can you repeat?

¿Puede usted ayudarme?

- Can you help me?

¿Puedo ir al baño?

quince.

catorce..

trece..

once. g ge diecinueve.

veintinueve...

How do I say in Spanish / English?

¿Cómo se dice.... en español / ingles?

Can I take my blazer off?

¿Puedo quitarme la chaqueta? He terminado – *I have finished*

Can I go to the toilets?

veintiocho.

veintisiete

Page 8

Year 9 Spanish Unit 1 Somos Así

Ways to practise vocabulary: 1. Look cover, write check 2. Log onto Memrise 3. Getting people at home to test you 4. Log onto Quizlet

Key vocabulary

Mi tiempo libre—Free Time	
me chifla (n)	I love
me mola (n)	I love
el deporte	sport
el dibujo	art/drawing
los videojuegos	video games
los artes marciales	martial arts
soy miembro de	I'm a member of
un club/grupo	a club/group
no suporto	I hate
el racismo	racism
la violencia	violence violence
los deberes	homework
los insectos	insects

¿cuándo? When?		
los lunes	on Mondays	
a veces	sometimes	
a menudo	often	
los fines de semana	on the weekend	
siempre	always	
(casi) todos los días	(nearly) every	
	day	
todos los fines de	every weekend	
semana		

Organizando mi semana—organising my	
week	
durante la	in the week
semana	
bailo Zumba	I do Zumba
cocino para mi	I cook for the family
familia	
escribo canciones	I write songs
leo cómics/libros	I read
	books/comics
monto en bici	I ride my bike
toco el teclado	I play the
	keyboard
veo un partido	I watch a match

Las películas—film genres

	. 80 00
veo	I watch
me gusta ver	I like to watch
una comedia	a comedy
una película de acción	an action film
una película de	an animated
animación	film
una película de	an adventure
aventuras	film
una película de ciencia-	a sci-fi film
ficción	
una fantasia	a fantasy
una película de super-	a super-hero
héroes	film
una película de terror	a horror film

Future Time markers	
Mañana Tomorrow	
La semana que viene	Next week
El mes que viene	Next month
El nueve de febrero	9th February

Mi próximo cumpleaños—my next

ivii proximo cumpicanos—my next		
birthday		
voy a	I'm going to	
hacer Karting	go Karting	
ir a la bolera	go bowling	
ir a un parque de atraciones	go to a theme park	
jugar al paintball	go paintballing	
pasar la noche	spend the night at	
en la casa de mi amigo/a	my friend's house	
sacar muchos fotos	take lots of photos	
montar en una	go on a roller	
montaña rusa	coaster	
ver películas de	watch horror films	
terror		
tomar un	have a special	
desayuno	breakfast	
especial		
abrir mis regalos	open my presents	
dar una fiesta	have a party	
	bir voy a hacer Karting ir a la bolera ir a un parque de atraciones jugar al paintball pasar la noche en la casa de mi amigo/a sacar muchos fotos montar en una montaña rusa ver películas de terror tomar un desayuno especial abrir mis regalos	

Big Questions Somos Así What are my hobbies?

What am I doing this weekend?

How do I discuss my film tastes?

What is the future tense and how does it

What shall we do for my birthday?

What did I do last birthday?

How do I discuss my favourite celebrity?

Mi cumpleaños—my birthday		
el año	last year	
pasado		
fui/fuimos a	I / we went to	
un centro de	Laser-tag	
Laser-Tag	centre	
invité mis	I invited my	
amigos	friends to	
para		
fue	it was	

Los opiniones—Opinions mi película my favourite favorita es film is mi actor my favourite favorito es actor is mi actriz my favourite favorita actress

Intensifiers muy—very bastante—quite un poco—a little mucho —a lot

Key verbs and grammar

ir	To go (present)	
voy	I go/am going	
vas	you go/are going	
va	he/she/it goes/is going	
vamos	we go/are going	
vaís	you go/are going	
van	they go/are going	

ir	To go (preterite)
fui	I went
fuiste	you went
fue	he/she/it went
fuimos	we went
fuisteis	you went
fueron	they went

Forming the preterite tense.

Step 1: find the infinitive.

Step 2: Remove the -ar/-er/-ir .

Step 3: Add the appropriate

preterite endings.

			$-\mathbf{v}$	
Preterite Tense Regular verb endings				
Subject	-ar	-er	-ir	
yo (I)	-é	-í	-í	
tú (you)	-aste	-iste	-iste	
él/ella (s/he)	-ó	-ió	-ió	
nosotros (we)	-amos	-imos	-imo:	

Step 1: Choose the correct conjugation of 'ir' Step 2: Add the infinitive

Examples:

voy a ver una película- I am going to watch a film voy a sacar fotos—I am going to take photos

The future tense			
voy		jugar	
vas		pasar	
va		invitar	
vamos	a	abrir	
vaís		recibir	
van			

Key Questions		
¿Qué tipo de películas (no)te gustan?	what sort of films do you (not) like?	
¿Qué cosas (no) te gustan?	what sort of things do you (not)like?	
¿Qué típo de película es?	what sort of film is it?	
¿Cómo organizas tu semana?	how do you organise your week?	
¿Cómo vas a celebrar tu próximo cumpleaños?	how will you celebrate your next birthday?	
¿Cómo fue tu último cumpleaños?	how was your last birthday?	
¿Qué hiciste?	what did you do?	

Gustar and similar verbs

Verbs like "me gusta" work in a particular way.

They have to agree with the number of the noun you like.
e.g. I like sweets (plural) for plurals, we simply add an –n to the end of the verb.

Example:

Me gusta el deporte

Me gustan los deberes

To say a friend's opinion, you change **me** to **le**

le gusta el deporte le gustan los deberes

Adjectives

Adjectives agree with gender and number of the noun.
They are positioned AFTER the noun.

for example, the policular divertide. (a fun film)

for example: una pelicula divertida (a fun film) un deporte peligroso (a dangerous sport)

False Friends

s emocionante exciting

bailar (to dance)	bailé	bailo	voy a bailar
tocar (to play)	toque	toco	voy a tocar
escribir (to write)	escribí	escribo	voy a escribir
leer (to read)	leí	leo	voy a leer
cocinar (to cook)	cociné	cocino	voy a cocinar
hacer (to do)	hice	hago	voy a hacer
jugar (to play)	jugué	juego	voy a jugar
Friela, epolling			

past (I)

νí

Tricky spelling

atracciones double -c

Key verbs for the unit

Infinitive

ver (to see)

Remember: you can only double the consonants in

present (I)

veo

future (I)

voy a ver

"Carolina"

Year 9 Spanish Unit 2 Orientéte

Ways to practise vocabulary: 1. Look cover, write check 2. Log onto Memrise 3. Getting people at home to test you 4. Log onto Quizlet

Key vocabulary		
Las tareas—Chores		
Para ayudar en casa	to help at home	
lavo el coche	I wash the car	
pongo/quito la mesa	I set/clear the table	
plancho la ropa	I do the ironing	
lavo la ropa	I wash the clothes	
hago las camas	I make the beds	
corto es cespéd	I cut the lawn	
ayudo en el jardín	I help in the garden	
preparo la comida	I prepare the dinner	
limpio mi habitación	I clean my room	
paso la aspiradora	I vacuum	
friego los platos	I wash up	
hago la compra	I do the shopping.	
saco la basura	I take out the rubbish	

Verbos modales—modal verbs of obligation		
tengo que	I have to	
debo	I must	
poner /quitar la mesa	to set/clear the table	
planchar la ropa	to do the ironing	
lavar la ropa	to wash the clothes	
hacer las camas	to make the beds	
cortar el césped	to cut the lawn	
ayudar en el jardin	to help in the garden	
preparar la comida	to prepare the dinner	
limpiar mi habitación	to clean my room	
pasar la aspiradora	to do the vacuuming	
fregar los platos	to wash up	
hacer las compras	to do the shopping	
sacar la basura	to take out the	
	rubbish	

Lugares—places of work

I work in

a workshop an office

a building site

trabajo en

una oficina una obra

un taller

Los opiniones—Opinions			
pienso que	I think that		
creo que	I believe that		
en mi opinión	in my opinion		
desde mi punto de vista	from my point of view		
monotono	monotonous		
me aburre como una	I'm bored out my		
ostra	brains.		

Intensifiers	
muy –very	bastante -quite
un poco -a bit	mucho—a lot

-		
Problemas - problems		
no se debe tolerar	you shouldn't tolerate	
el racismo	racism	
el sexismo	sexism	
las bromas racistas	racist jokes	
la discriminación	discrimination against	
contra		
los minusválidos	disabled	

test you in log onto Quill		l۷
solicitando trabajo—application		
Muy señor/a	Dear sir/madame	ŀ
mío/a		١
le escribo para	I am writing to	 -
solicitar	apply for	
le adjunto	I enclose	H
mi curriculum	my CV	١
le saluda	Yours faithfully	
atentamente		
me interesa este	I'm interested in	

this job

Los trabajos – jobs

trabajo

sov

4				
	mi madre es	my mum is		r
	mi padre es	my dad is		
	me gustaría ser	I would like to be		
ĺ	cocinero/a	cook		
2	cartero/a	a post person		١
ŀ	dependiente	shop assistant	S	Oy
	carpintero/a	carpenter	s	in
	camarero/a	waiter	a	nt
	enfermero/a	nurse	_	_
	periodista	journalist	С	01
	abogado/a	lawyer	n	na
	cantante	singer	е	хi
	diseñador/a	designer	fı	ue
	limpiador/a	cleaner	_	al
	jardinero	gardener	_	_
			а	rt

The Big Questions

What do I do to help at home?

How do I express my opinions?

What does my family do for a living?

How do I discuss my part time job?

What sort of person am I?

How do I discuss job aspirations?

How do I apply for a job in Spain?

What are the issues at work?

		105	numeros—numbers				
		10	diez				
		20	veinte				
		30	treinta				
1		40	cuarenta				
		50	cincuenta				
		60	sesenta				
		70	setenta				
		80	ochenta				
		90	noventa				
		100	cien				
	Personalidad—personality						

los números—numbers

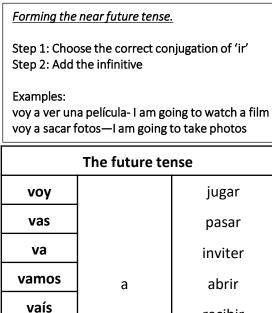
soy	I am
simpático/a	kind
antipático/a	unkind
cortés	polite
maleducado/a	rude
exigente	demanding
fuerte	strong
valiente	brave
artistico/a	artistic

serious

serio/a

Page 11

			Γ				
ir	То	To go (present)					
voy	I go	I go/am going					
vas	γοι	ı go/are going					
va	he/	she/it goes/is going					
vamos	we	go/are going	ļ				
vaís	γοι	ı go/are going	L				
van	the	they go/are going					
ir		To go (preterite)					
fui	I went						
fuiste	you went						
fue	he/she/it went						
fuimos	we went						
fuisteis		you went					
fueron		they went					
Forming the preterite tense. Step 1: find the infinitive. Step 2: Remove the –ar/-er/-ir . Step 3: Add the appropriate preterite endings.							



Key verbs				
infinitive	Past	Present	Future	
trabajar (to work)	trabajé	trabajo	voy a trabajar	
ganar (to earn)	gané	gano	voy a ganar	
ayudar (to help)	ayudé	ayudo	voy a ayudar	
comprar (to buy)	compré	compro	voy a comprar	
tener que (to have to	tuve que	tengo que	voy a tener que	
querer (to want)	quise	quiero	voy a querer	
ser (to be)	fui	soy	voy a ser	
hacer (to do)	hice	hago	voy a hacer	



Tricky spelling	
ayudar	no –n (ayundar)
mecánico	no –ch as in English

driver

With jobs, we **DO NOT need to use the article**.

Using the definite article with jobs

Frequenc	Frequency adverbs					
siempre	always					
a menudo	often					
de vez en	from time to					
cuando	time					
rara vez	rarely					
nunca	never					

rming the	e preterite tense.	Adjectiv
	·	, lajecti i

		l	1	consonants in "Caroling	a"	
nosotros (we) -amos -imos -imos		Remember: you can only do				
él/ella (s/he)	-ó	-ió	-ió	mis hermanas son seri as	my sist	
tú (you)	-aste	-iste	-iste	mis padres son serios	my par	
yo (I)	-é	-í	-í	mi madre es seri <mark>a</mark>	my mu	
Subject	-ar	-er	-ir	mi padre es seri <mark>o</mark>	my dad	
Preterite Ter	se Regul	ar verb er	ndings	They are positioned AFTER the not		
•				They are positioned AFTER t	he noun	

van

Mañana

La semana que viene

El mes que viene

ves **False Friends** Adjectives agree with gender and number of the Conductor

recibir

noun.

Tomorrow

Next week

Next month

Future Time markers

s	Remember: you can on	ly double the
	mis hermanas son seri <mark>as</mark>	my sisters are serious
	mis padres son seri <mark>os</mark>	my parents are seriou
	mi madre es seri <mark>a</mark>	my mum is serious
	mi padre es seri <mark>o</mark>	my dad is serious

Key Questions ¿Qué haces para ayudar en How do you help at home casa? ¿tienes un trabajo? Do you have a job? ¿Qué vas a hacer en el What are you going to do futuro? in the future? ¿en qué trabajan tus padres? what do your parents do?

Page 12

Verb	Present	Preterite	Near future		Verb	Present	Preterite	Near future	USEFULTIME	EXPRESSIONS
1. Ayudar To help	Ayudo I help	Ayudé I helped	Voy a ayudar I'm going to help		1. Conocer* To know	Conozco I know	Conocí I knew	Voy a conocer I'm going to know		t tense
2. Comprar To buy	Compro I buy	Compré I bought	Voy a comprar I'm going to buy		2. Creer To believe	Creo I believe	Creí I believed	Voy a creer I'm going to believe	Hoy Esta mañana/tarde	Today This morn./after.
3. Descanso	r Descanso I relax	Descansé I relaxed	Voy a descansar I'm going to relax		3. Decir To say	Digo I drink	Dije I said	Voy a decir I'm going to say	Esta semana Este mes Este verano	This week This month This summer
4. Descarge To download	r Descargo I download	Descargué I downloaded	Voy a descargar I'm going to download	<	4. Encontrar To find	Encuentro I find	Encontré I found	Voy a encontrar I'm going to find	Esta noche	Tonight
5. Disfruta To enjoy	Disfruto I enjoy	Disfruté I enjoyed	Voy a disfrutar I'm going to enjoy		5 . Estar To share	Estoy I am	Estuve I was	Voy a estar I'm going to be	Ayer Anteayer	Yesterday Day before
6. Escuchar To listen	Escucho I listen	Escuché I listened	Voy a escuchar I'm going to listen	י	6. Haber To have (aux.)	Hay There is/are	Hubo There was/were	Va a haber There is/are going to be	Anoche El otro día	yest. Last night
7. Estudiar To study	Estudio I study	Estudié I studied	Voy a estudiar I'm going to study	u	7 . Hacer To do/make	Hago I do/make	Hice I did/made	Voy a hacer I'm going to do/make	El mes pasado La semana pasada	The other day Last month Last week
8. Hablar To talk	Hablo I talk	Hablé I talked	Voy a hablar I'm going to talk	<u> </u>	8 . Ir To go	Voy I go	Fui I went	Voy a ir I'm going to go	El año pasado El verano pasado	Last year
9. Llevar To wear	Llevo I wear	Llevé I wore	Voy a llevar I'm going to wear		9. Jugar To play	Juego I play	Jugué I played	Voy a jugar I'm going to play	Future Mañana	tense Tomorrow
10. Nadar To swim	Nado I swim	Nadé I swam	Voy a nadar I'm going to swim] _	10. Pensar To think	Pienso I think	Pensé I thought	Voy a pensar I'm going to think	Pasado mañana La semana que	Day after tomorr.
11. Trabajo To work	r Trabajo I work	Trabajé I worked	Voy a trabajar I'm going to work		11. Perder To lose	Pierdo I lose	Perdí I lost	Voy a perder I'm going to lose	viene El año/mes que viene	Next week Next vear/month
12. Viajar To travel	Viajo I travel	Viajé I travelled	Voy a viajar I'm going to travel		12. Poder To be able to	Puedo I can	Pude I could	Voy a poder I'm going to be able to	FREQUENCY Todos los	EXPRESSIONS
13. Visitar To visit	Visito I visit	Visité I visited	Voy a visitar I'm going to visit		13. Poner To put	Pongo I put	Puse I put	Voy a poner I'm going to put	días Siempre	Every day Always
14. Aprend To learn	er Aprendo I learn	Aprendí I learnt	Voy a aprender I'm going to learn		14. Preferir To prefer	Prefiero I prefer	Preferí I preferred	Voy a preferir I'm going to prefer	Casi siempre	Almost always
15. Beber To drink	Bebo I drink	Bebí I drunk	Voy a beber I'm going to drink		15. Querer To want	Quiero I want	Quise I wanted	Voy a querer I'm going to want	Muchas veces	Lots of times
16. Comer To eat	Como I eat	Comí I ate	Voy a comer I'm going to eat		16. Saber* To know	Sé I know	Supe I knew	Voy a saber I'm going to know	A menudo Dos o tres	Often Two or three
17 . Leer To read	Leo I read	Leí I read	Voy a leer I'm going to read		17. Sacar To take	Saco I take	Saqué I took	Voy a sacar I'm going to take	veces a la semana	times a week
18. Compar To share	rir Comparto I share	Compartí I shared	Voy a compartir I am going to share		18. Salir To go out	Salgo I go out	Salí I went out	Voy a salir I'm going to go out	A veces De vez en	Sometimes From time to
19. Escribin	Escribo I write	Escribí I wrote	Voy a escribir I'm going to write		19. Ser To be	Soy I am	Fui I was	Voy a ser I'm going to be	cuando En ocasiones	time Occasionally
20. Vivir To live	Vivo I live	Viví I lived	Voy a vivir I'm going to live		20. Ver	Veo	Vi	Voy a ver	Casi nunca	Almost never
TOTIVE	11116	I IIVEU	I'm going to nive	1	To see	I see	I saw	I'm going to see	Nunca	never Page 13

PARENT/CARER QUIZZES

Ask your parent or carer to quiz you on some of the knowledge from *English, Maths, Science* or *MFL*.

Record your scores below and see if you improve each time.

Date	Subject	Score /10	Did you improve from last time?

Knowledge Organiser: WW1 (1914-1918)

A cause that

A cause that

happened a long time

happened a short time

28th June 1914 -Archduke Franz

before an event.

before an event.

M	Militarism
Α	Alliances
Ι	Imperialism
Z	Nationalism

Long-term

Short-term

28th July 1914 -

Serbia declares war

4th August 1914 -

Germany invade

Belgium.



Schlieffen Plan - Schlieffen's plan involved using 90% of Germany's armed forces to attack France. Fearing the French forts on the border with Germany. Schlieffen suggested an attack through Netherlands, Belgium and Luxembourg. The rest of the German Army would be sent to defend against the Russians. Once France had been overrun, the German Army could focus on Russia. This failed because the British and Belgians were stronger than they thought and the Russians mobilised quicker.



Trenches

	Barbed wire	e
	Elbow rest Parapet	-
	- 287	No Man's
Sandt	Dags	Land
2.5 metres		~~
2.5 metres		
	Ammunition she	elf
Dugout		-
	nage Fire step	
di	Duckboard	d Color May
1	Duckboard	
-0.5 n	netres	

Why did men join the war?

Patriotismfight for country

The war would be over by Christmasa quick victory

Propagandaposters, leaflets

2	_
0	C
Р	Р

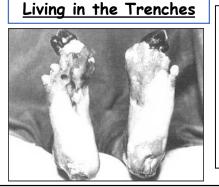
Ν	Nature
0	Origin

Purpose

Ferdinand assassinated.

12th August 1914 -France and Britain declares war on Austria-Hungary.

1st August 1914 - Germany declares war on France.



"Cold nights, the discomfort of wet clothes, dragging minutes of fear on patrol, the sufferings of men ... but most of all the memory of tiredness. The chances of becoming ill were made greater because of the lack of clean water and proper washing and cleaning"



Battle of the Somme (1916)

1,738,000 shells were fired at the Germans. It was hoped that the artillery guns would destroy the German trenches and barbed wire placed in front of the trenches. When the bombardment stopped, the Germans would have known that this would have been the signal for soldiers to advance. They moved from the safety of their dugouts and manned their machine guns to face the British and French. By the end of the battle, the British had lost 420,000 soldiers. The French lost nearly 200,000 men and the Germans lost 500,000. They had gained less than 8 miles of land.



Page 15



The Christmas Truce was a name given to a series of unofficial ceasefires upheld by both sides in the week running up to Christmas 1914.

It was initiated by the Germans, and saw both sides exchanging gifts of brandy and cigarettes, swapping addresses and photos, singing carols and playing games

How did WW1 end?

German Ports were blockaded by the British Royal Navy causing severe food shortages. An estimated quarter of a million people died of hunger.



In April 1917, the USA came into the war against Germany

The German population demanded peace and the Kaiser fled the country – German leaders had no choice but to ask for an Armistice.



During WWI, the Home Front was very important to help Britain win the war in Europe. It wasn't just the soldiers affected by war - everyone in Britain had to help if they wanted to survive.

The Home Front during World War One refers to life in Britain during the war itself.





Russian Revolution

rule of Russia.

Tsar Nicholas II celebrates 300 years of Romanov

Start of **World War One**. Russia does badly against Germany. Millions of Russians are killed and there

are severe shortages on the home front.

Terms of the Treaty of Versailles (1919)





REPARATIONS

GERMANY LOST LAND

5 League of Nations

6 Extr

March 1917

August 1914

February

1913

in St. Petersburg there are mass protests against the food shortages and the war. When the Tsar's troops refuse to fire on the crowds and join in the demonstration it becomes a revolution. The Tsar abdicates and a new Provisional Government takes over. However the new government decides to carry on the war.

April 1917

Lenin, the leader of the Bolshevik Party, returns to Russia. He declares everyone should have an equal share of Russia's wealth, peasants should have a share of the land, workers should have a share of the factory where they worked and the war should end immediately.

Lenin and the Bolsheviks seize power using force from the Provisional Government. They set about transforming

October 1917

Russia into the world's first **communist** state.

The Bolsheviks sign the **Treaty of Brest Litovsk** ending the war with Germany. Many felt it was a shameful peace

with Russia forced to give up a huge amount of territory.

March 1918

July 1918

The **Tsar** and his family are **murdered** in **Ekaterinberg** by the Bolsheviks.

1921

The Bolsheviks rename Russia the 'Union of Soviet Socialist Republics' (U.S.S.R.) and rename themselves the Communists.

Page 16



Country	Aims at the Paris Peace Conference
Britain	The Prime Minister, David Lloyd George thought it was unwise to be too harsh on Germany but some of the British people wanted to get revenge. They were angry about the war.
France	France was keen on getting revenge on Germany because much of North East France was ruined. They wanted mone to pay for the damage.
USA	The President Woodrow Wilson thought that everyone should discuss their problems rather than fight. He wanted League of Nations. This would let everyone meet to discuss issues.



Urban trends and change: Rio

Cities are growing around the world. Cities are growing for two main reasons:

- 1. Rural to urban migration people are moving from the rural countryside to urban areas in search of jobs and a better quality of
 - Natural increase migrants to cities tend to be of child bearing age and so the birth rate increases and this adds to further population growth.

Rural to Urban Migration is usually a result of Push or Pull Factors.

Push Factor	<u>rs -</u> people leave the
count	yside because:

1. Farming is poorly paid

2. Poor harvests lead to famine

3. No schools or universities.

We can subdivide countries into three I

life.

Internationally

Pull Factors - people move to cities because:

- 1. Better paid jobs in factories 2. Higher standard of living (\$)

	3. Better schools.	
road	categories	

LIC Low Income Country, poor countries with GNI less than \$1045 HIC High Income Country, rich countries where GNI per capita was \$12746 or more in 2013 NEE Newly Emerging Economies, where countries are experiencing high levels of economic development. They are getting rich quickly.

The Importance of Rio regionally, nationally and internationally.	
Regionally	It has important manufacturing, chemical and pharmaceutical industries.
Nationally	It used to be the capital of Brazil and is the second largest city in Brazil after Sao Paulo.

Urban Planning is attempting to improve the quality of life for the poor of Rio. The Favela Bairro Project aims to improve life in the favelas. Services for residents to build their own homes.

The statue of Christ the Redeemer is on of the Seven

New Wonders of the World. It helped host the 2014 World Cup and hosted the 2016 Olympic Games.

Successful because..

- 1. Paved roads, water supply and proper sanitation are all installed leading to a massive drop in diseases such as cholera. Involving the local community in the making process has encouraged
- community pride. Schools and health centres have been built improving the education and employability of the residents.
- Pacifying Police Units (UPP) have been sent into each favela to break up the drug gangs and 'pacify' the area. This greatly reduces crime but they have been accused of being too aggressive.

Key words	Definitions		
Urbanisation	The process where an increasing percentage of a country's population comes to live in towns		
	and cities.		
Migration	When people move from one area to another. Geography		
Natural Increase	The birth rate minus the death rate.		
Mega-cities	An urban area with a total population in excess of 10 million people.		
Economic opportunities	Chances for people to improve their standard of living through jobs and employment.		
Social opportunities	Chances for people to improve their quality of life, includes access to education and		
	healthcare.		
Sanitation	Measures designed to protect public health with clean water and the disposal of sewage.		
Pollution	Chemicals, noise, dirt and other substances which poison the environment.		
Squatter settlement An area of poor housing which is usually built spontaneously with whatever materia			
	available, sometimes called shanty towns. They lack services such as electricity, water and		
	sewerage.		
Waste recycling	The process of extracting and reusing useful substances found in waste.		
Traffic congestion	Occurs when there is too great a volume of traffic for roads to cope with so traffic jams		
	and traffic slows to a crawl.		
Urban Growth has created <u>opportunities</u> for people who move to Rio.			
Health	Hospitals are available in Rio, no. of doctors per head of much higher in the city		

Health	Hospitals are available in Rio, no. of doctors per head of much higher in the city than the countryside.	
Education	Private university in Rocinha, school grants are given to poor families.	
Resources (water and energy)	Seven new water treatment plants have been built recently and 300 km of pipes laid. New nuclear generator being built.	
Economic Development	Jobs in factories, tourism and financial sector. Rio has the largest steelworks in S America.	

Economic Development		Jobs in factories, tourism and financial sector. Rio has the largest steelworks in S America.
Urban Growth has created <u>challenges</u> for the people of Rio.		
Managing rapid growth	40% of pe	eople live in squatter settlements such as Rocinha. Waste builds up in the streets.

•	
Providing clean water, sanitation and energy.	Conditions in the favelas are poor. 12% of Rio's population don't have access to running water.
Providing services such as education and health.	Many drop out of education as they need to support family, poor healthcare.

and crime	vendors. Pay in the informal sector is less than £60 a month.		
Managing	Rio is the most congested city in South America with huge pollution generating traffic		

Unsuccessful because... 1. The \$1 billion budget may not be enough.

iams.

2. Literacy is still too low making employment difficult.

- favelas

Reducing unemployment

environmental Issues.

- 3. Rents rise in the improved areas forcing poorest to leave.
 - 4. The new infrastructure is not being maintained.



Difficult to provide enough jobs and many work in the informal sector such as street



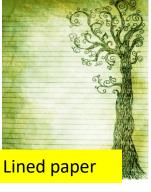
DUAL CODING

Based on some key knowledge from your *History* and *Geography* knowledge organisers, can you assign different parts of this knowledge to images to help you remember this in the future? Consider your images carefully.

Image	Key Knowledge	Image	Key Knowledge	
	!		Page 19	















Wallpaper

Creative Paper Ideas on how to produce more interesting backgrounds to

create your artwork on.



Old envelopes











Monoprinting is the process of making a print using 'mark making'.

Mark making is any mark made using any material on any surface, such as:

- pencil on paper
- photoshop brush mark on a screen
- •scratch in clay
- •paint on a canvas.

A mark can be a line, a dot, a scratch, a curve, a thumbprint and so on. Using different tools can help create different thicknesses and types of marks.

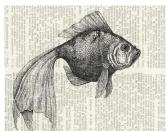
The colour used to create monoprints is usually water-based ink. A roller is used to apply the ink evenly over the a printing sheet. This is usually an acrylic sheet or other washable flat surfaces.



Etching is the process of printing produced by 'etching' patterns, shapes and designs into the surface of a metal or acrylic plastic plate.

- 1. Scratch your image or design into the surface of the plate.
- 2. Apply colour by rolling ink onto the etched surface.
- 3. Wipe the surface so that only the ink collected in the in the scratched areas is left.
- 4. Carefully place paper on top of the inked sheet.
- 5. Use a printing press to apply pressure and lift the image onto your paper.





Collograph Printing is a type of printmaking, traditionally made from a collaged printmaking plate.

Shapes and textures are layered on a plate (usually metal, masonite or plexiglass) and sealed with a gloss varnish. After the sealed assemblage dries, the surface is inked, and wiped, intaglio style, with tarlatan, which is starched cheese cloth. The wiping removes ink from the uppermost surface area, but leaves plenty of pigment embedded around the textural elements and caught against the curbs of layered shapes on the collage.

When the inked and wiped collagraph plate is pressed against paper, usually on a press, the resulting collagraph print is richly textured and wonderful.

PRINTING TECHNIQUES







There is a wide variety of printing techniques to explore... here are some examples.





The Great Wave, Katsushika Hokusai, 1830-32, woodblock print.

Silkscreen Printing

A print is made using a or **acetate** placed over a mesh cloth stretched over a heavy frame. A stencil can be created by carefully cutting out a design from paper and then attaching it to the silkscreen. The design is printed by having a **squeegee** force colour through the pores of the material in the areas that are not blocked out by the stencil.

Silkscreen prints are usually made with acrylic paint that is mixed with a **binder**, to allow the colour to flow easily through the pores and to fix the design.

The most successful silkscreen prints use bold, simple shapes and designs with limited colours. For example, Andy Warhol's *Cow* .

Block Printing Is the process of carving patterns, shapes and designs into a

'block'. The 'block' could be made of wood, acrylic plastic sheet, lino or metal. Different materials are suited to different results:

- •Wetal or acrylic sheets can produce much finer lines with 'sharper' detail.
- •Wood and lino are more suited for bolder images.

The drawback with all of these materials is that each mark you make on the printing sheet will be printed – you cannot afford to make any mistakes.

Block prints are usually made with oil-based ink.

Year 9: Photo

Frame **User centred** design



Manufacturer -

Responsible for making the product.

What do they do?



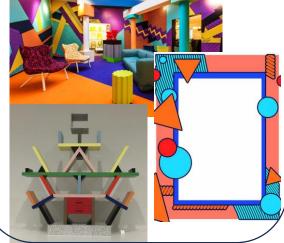
Retailer -Responsible for selling and advertising the product.

Consumer -

- YOU!
- The person who the product is targeted at.
- The person who will buy the product.



Memphis Design is an influential postmodern style that



Production methods

One off production - a single unique manufacture of a

Batch production - is a manufacturing method where sets of identical goods go through production stages together.

Just in time production - is system of production that makes and delivers just what is needed, just when it is needed, and just in the amount needed.

Mass production - the production of large quantities of a standardised article by an automated mechanical process.

Technology Push is when new developments in materials and technologies improve existing products/create new ones.

Market Pull is when consumers demand improvements/new products. Often found by conducting market research.

Sustainable design: The 6 R's

Reprocess the material and make Recycle something else

Take a product and use for a Reuse different purpose without reprocessing it

Repair If something breaks, try to fix it

Refuse to buy or use something that Refuse is not needed

Consider making the item small or Reduce using less materials, and less impact

on the environment

Look for alternative ways of making Rethink something

Finger

If the joint is cut

accurately the fingers

without any gaps. The

glue ensures that they

should fit together

are fairly strong.

or improving a design

Mitre

It is made by cutting 2 pieces of timber at angle of 45 degrees to ensure they fit into each other

Half lap

This can be used in the construction of picture frames, windows and doors. Half the thickness of the wood is removed from the 2 pieces to be joined. The wood is then fitted together with a resulting joint that is the same thickness as the rest. This can be reinforced by dowels or fasteners.

Manufacturing processes

Function

Vacuum forming is a simplified version of thermoforming, whereby a sheet of plastic is heated to a forming temperature, stretched onto or into a single-surface mould, and held against the mould by applying a vacuum between the mould surface and the sheet. The vacuum forming process can be used to make most product packaging and speaker casings.

Laser Cutting is a technology that uses a laser to vaporize materials, resulting in a cut edge.

3d Printing process of making a physical object from a three-dimensional digital model, typically by laying down many thin layers of a material

Line Bending It involves passing an electric current through a conductive wire creating a low heat. The plastic to be formed is then placed over the wire at the precise place where the bend is required.

Injection moulding

the shaping of rubber or plastic articles by injecting heated material into a mould.

Die Cutting is a manufacturing process where a die is customised through cutting, forming or shearing to craft a desired shape

Dovetail

The joint is very strong because of the way the 'tails' and 'pins' are shaped. This makes it difficult to pull the joint apart and virtually impossible when glue is added. This type of joint is used in box constructions such as drawers, jewellery boxes, cabinets and other pieces of furniture where strength is required. It is a difficult joint which requires practice. There are different types of dovetail joint and when cut accurately they are very impressive and attractive Page 21



Aesthetic



Cost



Client







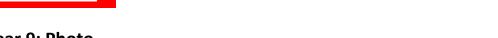
Safety







Manufactu



Year 9: Photo Frame User centred design

Engineering Vocabulary: Talk like an Engineer

A client profile is a summary of a specific customer type that is based on available statistical information. It helps businesses to identify which potential clients are good prospects and which ones aren't. A client profile is part of a sales strategy that allows businesses to create marketing materials and form valuable connections with clients. The ideal client profile is a very clear description of the type of client you are targeting. A designer will use a client profile to ensure their work is successful and commercially viable.

Target Market

['tär-gət 'mär-kət]

A group of people that have been identified as the most likely potential customers for a product because of their shared characteristics such as age, income, and lifestyle.

Felling- the process of cutting down trees.

<u>Veneer</u>-a thin decorative covering of fine wood applied to a coarser wood or other material.

<u>Seasoning-</u>process of drying out or removing moisture from natural wood.

Prototype- a draft model to test an idea.

<u>Smart materials</u>-materials that have one or more properties that react to stress, moisture, electric or magnetic fields, light, temperature, pH, or chemical compounds.

Resin – synthetic substance used in glues and varnishes.

Adhesive- glue.

<u>Crating-</u> a technique for drawing accurately using boxes. <u>Isometric-</u> horizontal lines are at 30 degrees. A technique for drawing in 3D.

CAD- Computer Aided Design.

<u>Tri-Square-</u> used for marking straight lines parallel to a straight edge- not measuring.

<u>Coping Saw-</u> cuts curves and is used for think wood or plastic.

Tenon Saw- cuts straight edges on wood only.

<u>Glass Paper-</u> smooths wooded surfaces to prepare for painting.

<u>Working drawing</u> – an accurate drawing of a design with all the measurements used in manufacturing.

Finger Joint- used for box joints. Interlocking fingers.

Butt Joint- pushing two ends of a material together.

<u>**Dowelling Joint-**</u> small wooden rods used to join wood.

<u>Iterative Design</u>_circular design process, continued development and improvement with testing.

Sustainable - renewable, green design.

<u>Sustainable design</u> is the intention to reduce or eliminate negative environmental impacts through design.

<u>Jigs and Templates</u> enable more than one part to be made several times, quality control in batch production.

Bench Hook is for steadying and supporting work, it hooks into the bench vice.

<u>Vice</u> Used to clamp work to the bench to keep it steady.

Glass Paper is for smoothing work.

Flat Files are also use for smoothing.

<u>M.D.F.</u> Medium Density Fibreboard (Manufactured wood made from wood fibres and glue).

Pine: A natural softwood.

Acrylic: A type of plastic.

<u>Copper:</u> A conductive metal wire used for electronic circuits.

<u>Conductive</u>: allows electrical current to travel or 'flow' through it.

<u>Risk Assessment</u> a process of evaluating the potential risks that may be involved in a projected activity or undertaking.

L.E.D: Light Emitting Diode (a small light to indicate power in a circuit).

Resistor: In electronic circuits, resistors are used to reduce current flow.

<u>U.S.B</u>: Univeral Serial Bus; electrical connector.

Design Situation: A problem that has been identified.

<u>Design Brief:</u> A statement to explain how you will solve the problem (design situation)

<u>Design Specification:</u> A list of requirements your product must have or include to be successful and solve the design situation.

Prototype: a fully functional, full

size working product. A test model or first draft,

sometimes in cheaper materials.

Ferrous

These are metals that contain iron. This means the metal will rust.

Non-Ferrous

These are metals that do not contain iron and therefore do not rust.

Allov

is a metal (parent metal) combined with other substances resulting in superior properties such as; strength, hardness, durability, ductility, tensile strength and toughness

Thermoplastic

These plastics can be re-heated and re-shaped in various ways.

They become moldable after reheating as they do not undergo significant chemical change

Thermoset

Once heated and moulded, these plastics cannot be reheated and remoulded. The molecules of these plastics are cross linked in three dimensions, and this is why they cannot be reshaped or recycled.

ERGONOMICS

Using data to make a product comfortable and easy to use for the user.

ANTHROPOMETRIC

Data is used to determine the size, shape and/or form of a product, making it more comfortable for humans to use and easier to use.



Year 9 Rotation Textiles Knowledge Organiser: Methods of fabric decoration

Annotating design ideas and work of other designers:

Use the following questions to help you annotate your work:

- 1. What colours do you use a lot of? What effect does this give?
- Who do you think your designs are aimed at? Why?
- Explain what you like/dislike about your work and why that is:
- 4. What techniques will you use to create your design and why?
- Could different techniques be used to create different effects?
- 6. How does your design fit into the theme?

Batik

Batik is a traditional Textile technique which combines painting and dyeing. This is traditionally made by dipping a specially designed Tjanting tool into melted wax and painting various patterns onto pieces of white fabric.

The wax stays on the fabric and often cracks after it hardens. The fabric is then dved the dye seeps the cracks and makes fine lines.

When the wax is removed, beautiful patterns appear on the cloth.

Batik fabric can be made into garments, scarves, bags, table-cloths, bedspreads, curtains and other decorative

Equipment needed:



Fabric Dye















Aesthetics

PRINCIPAL STATES AND ADDRESS OF THE PARTY OF

Decorative machine

STATE STATES OF STATES



Cost



Client



Environment





Safety



Function





Material

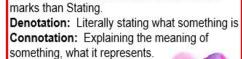


Manufacture

Decorative hand embroidery

Different types of embroidery thread





KEY POINTS TO REMEMBER

There is a difference between Analysing and

Stating. Analysing will always get you more

It represents, love and friendship.



Different size embroidery needles





Embroidery scissors



Range of different embroidery stitches

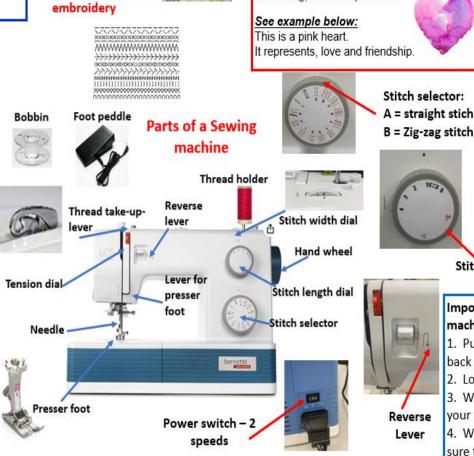


Stitch length dial



Important points to remember when using a sewing machine:

- 1. Put both threads under the presser foot and to the back of the machine.
- 2. Lower the presser foot down onto your fabric.
- 3. When lowering the needle and taking it out of your work always turn the hand wheel towards you.
- 4. When taking your work out of the machine make sure the take-up-lever is at the top and you can see it.



Graphics

Graphic Design

Vocabulary:

Illustration: a picture illustrating a book, newspaper, etc...

Visualisation: the representation of an object, situation, or set of information an image.

Depiction (depict): represent by a drawing, painting, or other art form

Thumbnail: incredibly rough initial sketch

Initial Idea: Refined more accurate idea, improving the quality and making it look much cleaner

Developed Idea: refine an initial idea to better meet the design brief.

Rendering: adding colour or shade to create texture and depth

Elucidate:make (something) clear; explain.

Depiction (depict): represent by a drawing, painting, or other art form

Satirical: from the word sarcastic, to be critical or mock others



An illustration is a decoration, interpretation or visual explanation of a text, concept or process, designed for integration in print and digital published media, such as posters, flyers, magazines, books, teaching materials, animations, video games and films. An illustration is typically created by an illustrator. Illustrations can also represent scientific images of flora, medicine or different processes, a biological or chemical processes or technical illustrations to give information on how to use something.

What is the purpose of illustration?

Examples of where you might find illustration might be in picture books, advertising, magazines, newspapers, instruction manuals, posters for gigs or movies, products like T-shirts or greeting cards and even in fashion and film. An illustrator is responsible for taking an idea and turning it into something visual.

What is the difference between an illustration and a drawing?

An illustration is a drawing (or painting, collage, engraving, photo, etc.) that explains something. The illustration doesn't have to be drawn-a photo in an encyclopaedia is also an illustration, because it explains what is written. So, if your drawing is not explaining something, it is a work of art, not an illustration.

What is Pop Art?

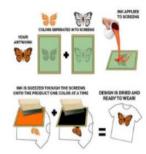
Pop art is a fun form of art. Artists takes their images from everyday culture, from the objects that surrounded them in

their daily lives. Onomatopoeia

visual artwork

Pop art works also include elements of popular culture such as newspapers, magazines or comics. The designs use cartoon styles with bright vibrant colours and repetitive patterns. A famous pop artist who worked in this comic strip style is called Roy Lichtenstein. Some of Lichtenstein's designs are shown below:





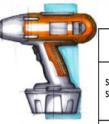


Markers are a great way to make 2D drawings look 3D by adding light and dark tones. With practice they are more realistic and vibrant than painting and pencil crayons. Many product designers and illustrators use this method.

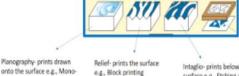
Jon Klassen is a Canadian illustrator and cartoonist specialising in children's picture books, editorial cartoons and caricatures.











Stencil-through open areas e.g., Screen Printing

Printing Outline of process Technique		<u>Uses/Examples</u>		
Screen Printing (Stencil)	Images are printed through a screen mesh using stencilling techniques.			
Block Printing (Relief)	Carving patterns, shapes and designs into a 'block'. The 'block' could be made of wood, acrylic plastic sheet, lino (linoleum) or metal.	•printing lengths of fabrics		
Engraving (Intaglio)	Making incisions or grooves in a plate, covering the plate with ink, and wiping the surface, so that the ink remains in the grooves.	• Fine art prints •Posters •Books illustrations		
Mono Printing (Planograp hic)	Draw designs directly onto an inked surface lay a piece of paper on top of the inked surface to pick up the design.	Mono-printing is mainly used for fine art prints and textiles work. It is used for single prints or very small 'runs'. Lithographic is used for magazine		

and posters which are printed in

high volumes.

Year 9 Food Studies Rotation

Most food poisoning can be traced to one of three major causes: bacteria, parasites, or viruses. These pathogens can be found on almost all of the food humans eat. However, heat from cooking usually kills pathogens on food before it reaches our plate. Foods eaten raw are common sources of food poisoning because they don't go through the cooking process.

Occasionally, food will come in contact with the organisms in faecal matter or vomit. This is most likely to occur when an ill person prepares food and doesn't wash their hands before cooking. Meat, eggs, and dairy products are frequently contaminated. Water may also be contaminated with organisms that cause illness.

Sources of food poisoning

Food can become contaminated during production, preparation and retailing. The main sources are:

- Raw food-for example meat, poultry, shellfish and eggs.
- People- food-poisoning bacteria are found on the skin, in septic wounds, in the nose and sometimes in the gut.
- Pests- for examples rats, mice, cockroaches, ants, wasps and flies.
- Animals- domestic pets and farm animals can carry E.coli in their intestines.
- Air and dust- food must be covered as bacteria in the air can settle on the surface.
- Water- bacteria such as Salmonella are carried in untreated water.
- Soil- bacteria and spores can survive in soil, so can be found on unwashed vegetables.
- Food waste-waste needs to be disposed of correctly as it could be a source of contamination and may attract pests.







Conditions necessary for food poisoning

Visible symptoms	Non-visible symptoms		
Shivering Diarrhoea Vomiting	Feeling tired or weak Stomach ache Headache Feeling nauseous (sick)		

Bacteria can grow rapidly in the correct conditions. A single bacterium can divide into two by the process called binary fission. A single bacterium can produce 16 million bacteria in only 12 hours.

Food poisoning bacteria have four essential requirements for growth:

- Food- bacteria grow rapidly in high risk foods that are good sources of protein; such as cooked meat and poultry, shellfish, and seafood, undercooked or lightly cooked eggs, unpasteurised milk and cheeses, cooked rice and pasta, and salads.
- Moisture- bacteria cannot multiply without moisture, which means that they do not usually affect dried foods or products with high quantities of salt or sugar, which absorb water.
- Warmth- most bacteria multiply at ambient temperature -normal room temperature. This falls within the danger zone between 5°C and 63°C. Below 5°C most bacteria are unable to multiply rapidly, and below -18°C they become dormant. Cooking food at high temperatures above 63°C will destroy most bacteria; when cooked, the food should reach 75°C for at least two minutes.
- Time- in the right conditions the number of bacteria can double every 20 minutes.

The acidity and alkalinity of a food can influence the growth of bacteria. If conditions are too acidic or to alkaline, bacteria can not grow.

Symptoms of food poisoning

- · A symptom is a sign or indication of a disease.
- The body reacts to bacteria or toxins by developing symptoms such as diarrhoea, vomiting, stomach pains, headache and sweating.
- Some of these symptoms are visible and some are non-viable

Symptoms of food allergies

A food allergy is a serious reaction to a food or ingredients in food. It is caused by the body's immune system reacting to an allergen. If the reaction to a food is a bad one, it could give the following symptoms:

- Skin rash
- Itchiness of skin, eyes and mouth.
- Swollen lips, face, eyes
- Difficulties in breathing.

In severe cases, it can bring about anaphylactic shock- the person develops swelling in their throat and mouth, making it difficult to speak or breathe. This can lead to death if appropriate treatment, such as an EpiPen, is not used quickly.

Symptoms of food intolerances and coeliac disease

Some people have a sensitivity to certain foods, which can cause symptoms such as nausea, abdominal pain, joint aches and pains, tiredness and weakness. This is called a food intolerance- this is not an allergic reaction and it does not involve the immune system.

Coeliac disease is neither a food allergy nor a food intolerance but an autoimmune disease caused by a reaction of the immune system to gluten- a protein found in wheat, rye and barley. The symptoms of coeliac disease vary from person to person and can range from mild to severe.

Symptoms of coeliac disease include:

- Severe diarrhoea, excessive wind and/or constipation
- Persistent or unexplained gastrointestinal symptoms, such as nausea and vomiting.
- · Recurrent stomach pain, cramping or bloating.
- Iron, vitamin B12 or folic acid deficiency.
- Anaemia
- Tiredness
- · Sudden or unexpected weight loss.

Symptoms of lactose intolerance include:

- Abdominal pain
- Nausea
- Diarrhoea
- flatulence

Environmental Health Officers (EHOs) are responsible for carrying out measures to protect public health and to provide support to minimise health and safety hazards.

Role of EHOs

- They look after the safety and hygiene of food through all stages of the manufacture or production from distribution to storage and service.
- They help develop, co-ordinate and enforce food safety policies.
- They have the right to enter and inspect food premises at all reasonable hours and can visit without advance notice.
- They carry out routine inspections of all food premises in their area; the frequency of routine inspections depends on the potential risk posed by the type of business and its previous record- some high-risk premises may be inspected at least every six months, others much less often.
- They visit premises as a result of a complaint.
- They have powers of enforcement and can close businesses in extreme cases.

Responsibilities of EHOs

- They check that food producers handle all food hygienically so as not to give customers food poisoning.
- They check that food is being kept at the specific temperatures at which it should be stored or held.
- They check that staff are properly dressed, with clean nails, no jewellery, hair covered or tied back, and showing good hygiene habits.
- Thy review processes in the workplace, such as the handling of food, use of equipment, use of colour coded chopping boards, washing-up and disposal of waste.
- They inspect food stores-fridges, freezers and dry stores.
- · They check stock rotation and temperature logs
- They check that equipment is clean, well maintained and with safety notices if appropriate.
- The check the temperature of the food when it is cooked with probes to ensure that it is at the correct temperature.
- They ask questions to check compliance with the law or good practice
- They identify potential hazards
- They review safety management systems and plans
- At the end of an inspection they give verbal feedback, discuss any
 problems and advise on possible solutions. They complete a report
 of inspection findings, which tells the business what enforcement
 action is to be taken.





Enforcement action

Enforcement action is required by law following an inspection from an EHO.

Enforcement action can range from verbal advice, informal or formal letters, and notices through to prosecution.

Formal Inspection letters- tells the food business which issues must be addressed to comply with the law. The EHO may revisit the business to check that the issues have been resolved.

Hygiene Improvement Notices- An EHO can serve a Hygiene Improvement Notice when they believe that a food business is failing to comply with food hygiene regulations. This notice will specify what s going wrong and what needs to be done by which date. The EHO will visit again to see if the required work has been done. If it has not improved, it can lead to a fine or imprisonment.

Hygiene Emergency Prohibition Notices- If an EHO believes that there is a significant risk to health and injury, a Hygiene Emergency Prohibition Notice may be served. The notice stops the use of the unsafe equipment, processes or premises immediately. It can only be removed by an EHO once the issues have been addressed.

Voluntary closure- A food business may elect to close voluntarily to carry out improvements. However, should the business reopen before the improvements are completed, the EHO will serve a Hygiene Emergency Prohibition Notice.

Seizure and detention of food- EHOs have the power to inspect and seize food suspected of not meeting food safety regulations. Food is taken if there is suspicion that it is contaminated and is likely to cause food poisoning or disease. Seized food may undergo microbiological examination and testing.

Condemnation of food- In order to condemn or seize food, the EHO must present their findings to a court. They will consider the information and decide whether the food poses a risk to human health and whether or not to condemn it.

Voluntary surrender of food- The owner of a business may surrender unfit food to the EHO voluntarily. This would avoid the involvement of the court.

Food Safety Act 1990

- This act is concerned with all aspects of food production and sale.
- If affects everyone involved in the production, processing, storage, distribution and sale of food.
- It ensures that all food produced is safe to eat.
- The act states that it is an offence to make food sold for human consumption unsafe to eat.
- A food producer or retailer may not add any substances to food, or subject food to any process or treatment, which will make it harmful to health.
- An EHO may inspect any food intended for human consumption at any reasonable times. If the food is regarded as unfit for human consumption, it may be seized.
- The legislation also provides a defence for foo producers, processors and retailers. They must prove that all reasonable precautions were taken to prevent a food safety incidence. This is called **due diligence**.
- Failure to take reasonable precautions can result in prosecution.
- Magistrates' courts may impose a fine, prison sentence or both for offences committed.

Hazard analysis and critical control points (HACCP)

This is a process that is designed to help look at how you handle food and to put procedures in place to ensure that the food you produce is safe to eat.

Every business that produces, sells or serves food is required to have a HACCP plan in place with a written **food safety plan**. It is the responsibility of the owner of the business to develop an appropriate food safety management system based on HACCP.

HACCP systems should apply the following principles:

- Create a flow chart or table showing each step in the preparation, making, serving and storing of each dish.
- . Each step should be analysed to identify the hazards. Hazards can be:
 - Physical- foreign materials can cause injury to the consumer; these might be metal or plastic, or natural hazards such as bones in fish.
 - Biological- food can become infected by bacteria, which might lead to food poisoning
 - Chemical- potentially dangerous chemicals such as cleaning fluids can contaminate food.
- 3. Identify what can be done to control (prevent) the hazard.
- 4. Set guidelines on how to ensure food is going to be safe to eatthese are known as critical limits- and keep a record of this.
- When new dishes are made, there needs to be a HACCP review to ensure that they are safe to eat.
- All the documentation relating to the HACCP needs to be kept safe.

Page 26

DT: Food

Love Food Hate Waste

BEST BEFORE

'Best before' refers to quality: your food will be at its best before the date given. After this date, it might not be at its best, but it will still be safe to eat. Use your senses to make a judgement.

Depending on how your food is stored, it has the potential to be good enough to eat for a long time after this date. Here's a guide to a few key food items and how long after the date they can be eaten:

- Crisps one month
- Biscuits six months
- Cereals six months
- Canned food 12 months
- Confectionary 12 months
- Pasta sauce 12 months
- Dried pasta three years!

USE BY

'Use by' refers to safety: you must not eat food past the 'use by' date. You cannot always smell the bacteria that causes food to spoil, so after the 'use by' date, the food may appear perfectly fine to eat, but could still lead to food poisoning. Let's be absolutely clear: you should NOT eat food after the 'use by' date - even if it looks and smells OK.

Top tip: you can freeze food right up to and including the 'use by' date. If you're not sure you will eat it in time, freeze it for another day!

DISPLAY UNTIL / SELL BY

These dates are for the retailers – not us at home. You don't need to worry about these.

Some products, such as uncut fruit and vegetables and wine, for example, aren't required to have a date label, and there are specific regulations referring to hen's eggs, which require the use of a Best Before date.

An average family of four can save £60 a month simply by reducing the amount of food they throw away. There are lots of simple food hacks and tips on this website to help you learn how to be smarter with handling food from the moment you start thinking about shopping through to when you are cooking, preparing and serving your meals.

Leftover food recipes – not sure what to do with the odd bits of food left in your fridge? Take a look at the love food hate waste website <u>leftover recipes</u> to find something to create with your leftovers. Tip: type in two or three of your leftover foods in the search bar to find relevant recipes to make.

Freeze leftovers – cooked or prepared too much? No problem – just pop them in a container or sealed bag, write the date and what the food is on a label and place it in your freezer. You can freeze most food. **Planning how to be a smarter shopper** – not everyone likes to plan, however, being ahead of the game with your weekly shopping will help you save a few pounds so it's worth it. Here are a few tips to think about:

- •Make planning your meals a fun family activity ask your younger folk to choose something they would like to help you make during the week. If you have some fussy eaters this might also save some food from the bin too as they are more likely to eat food they've helped to make.
- •If you live with friends share an evening meal once a week and make it a social affair. Decide what you'll cook before you go shopping.
- •Plan some one-pot meals so meal cooking is simple and you can use up what's left in your fridge too. You can switch the ingredients to use up the food you already have. Plan the rest of your meals around your favourites remember that you can include frozen food or staples from your cupboard. Mixing up the types of food you buy and use for your meals means there's less chance of having too much fresh food that is likely to go off before you can use it.

Top tip — why not write each of your favourite recipes onto one small piece of card per recipe (suggestion: cut up an old cereal box) plus one card for each day of the week. Stick the days of the week onto your fridge or cupboard door in a row. Then you can easily play around with your meals for the week under each day until you are happy. Plus — you can easily swap meals around if you don't fancy one on the planned day. Encourage your family, partner or housemates to join in too.

Know what you need before you get to the shop by making a list – and stick to it. We know that this is harder than it seems, however, it's worth finding a way that works best for you. Make it easy and simple by following some of these ideas:

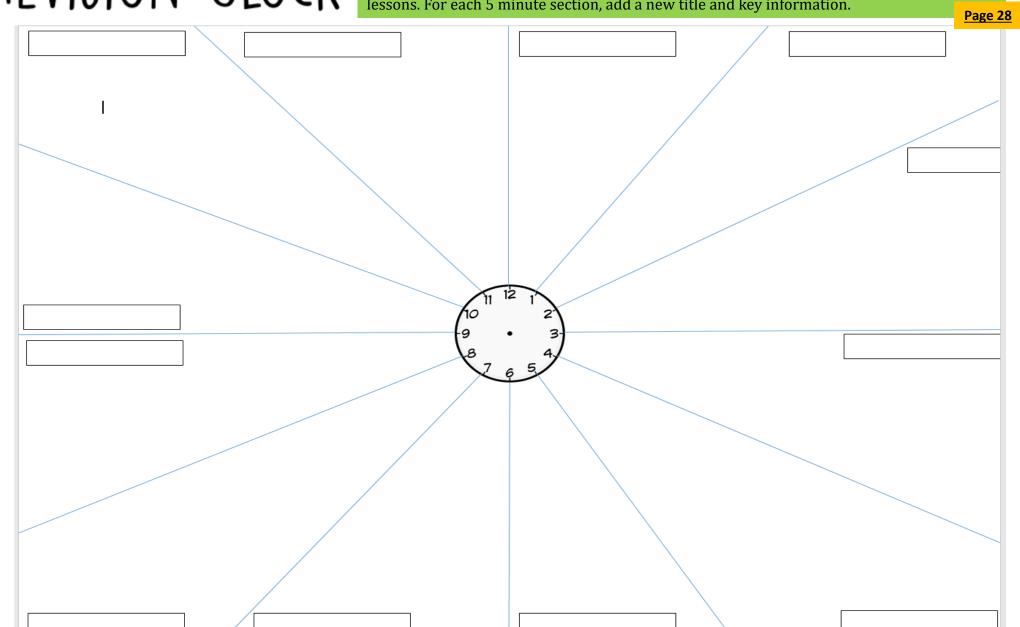
- •Fridge/cupboard/freezer shelfies take a snap of the food you have left in your fridge, cupboard and freezer before you hit the shop to remind you what you have already got. This will save you from buying more than you need.
- •Keep an ongoing list on your phone using your notes app or send a text message to yourself.
- •Pop some note paper on your fridge door and make a note of things you are running out of.
- •Prepare your list in the layout of your supermarket this will enable you to spend less time shopping and more time at home enjoying your food.
- •Plan weekly shops by reducing the number of times you visit a supermarket you will reduce the temptation to buy extras!





REVISION CLOCK

Based on your current **DT** rotation, complete a revision clock which revises a number of the key pieces of knowledge included both on your knowledge organiser sheet and from your lessons. For each 5 minute section, add a new title and key information.



SOUNDTRACKS

Exploring Film Music



A. The Purpose of Music in Film

Film Music is a type of DESCRIPTIVE MUSIC that represents a MOOD, STORY, SCENE or CHARACTER through music. It is designed to SUPPORT THE ACTION AND EMOTIONS OF THE FILM ON SCREEN. Film Music can be used to:

- . Create or enhance a mood (though the ELEMENTS OF MUSIC);
- Function as a LEITMOTIF (see D):
- . To emphasise a gesture (MICKEY-MOUSING when the music fits precisely with a specific part of the action in a film e.g. cartoons):
- · Provide unexpected juxtaposition/irony (using music the listener wouldn't expect to hear giving a sense of uneasiness or humour!);
- Link one scene to another providing continuity:
- Influence the pacing of a scene making it appear faster/slower;
- Give added commercial impetus (released as a SOUNDTRACK) sometimes a song, usually a pop song is used as a THEME SONG for a film;
- Illustrate the geographic location (using instruments associated with a particular country) or historical period (using music 'of the time').

D. Leitmotifs



LEITMOTIF - A frequently recurring short melodic or harmonic idea which is associated with a character, event, concept, idea, object or situation which can be used directly or indirectly to remind us of one not actually present on screen. Leitmotifs can be changed through SEQUENCING, REPETITION or MODULATION,

giving a hint as to what may happen later in the film or may be heard in the background, giving a "subtle hint" to the listener e.g. the "Jaws" Leitmotif.

B. How the Elements of Music are used in Film Music

CHORDS often used in Westerns soundtracks.

PITCH AND MELODY - RISING MELODIES are often used for increasing tension, FALLING MELODIES for defeat. Westerns often feature a BIG THEME. Q&A PHRASES can represent good versus evil. The INTERVAL OF A FIFTH is often used to represent outer space with its sparse sound. DYNAMICS - FORTE (LOUD) dynamics to represent power; PIANO (SOFT) dynamics to represent weakness/calm/resolve. CRESCENDOS used for increasing threat, triumph or proximity and DECRESCENDOS or DIMINUENDOS used for things going away into the distance. Horror Film soundtracks often use EXTREME DYNAMICS or SUDDEN DYNAMIC CHANGES to 'shock the listener'. HARMONY - MAJOR - happy; MINOR - sad. CONSONANT HARMONY OR CHORDS for "good" and DISSONANT HARMONY OR CHARDS for "evil". SEVENTH

DURATION - LONG notes often used in Westerns to describe vast open spaces and in Sci-Fi soundtracks to depict outer space; SHORT notes often used to depict busy, chaotic or hectic scenes. PEDAL NOTES - long held notes in the BASS LINE used to create tension and suspense. TEXTURE - THIN/SPARE textures used for bleak or lonely scenes; THICK/FULL textures used for active scenes or battles. ARTICULATION - LEGATO for flowing or happy scenes, STACCATO for 'frozen' or 'icy' wintery scenes. ACCENTS (>) for violence or shock.

RHYTHM & METRE - 2/4 or 4/4 for Marches (battles), 3/4 for Waltzes, 4/4 for "Big Themes" in Westerns. IRREGULAR TIME SIGNATURES used for tension. OSTINATO rhythms for repeated sounds e.g. horses.

C. Film Music Key Words

SOUNDTRACK - The music and sound recorded on a motion-picture film. The word can also mean a commercial recording of a collection of music and songs from a film sold individually as a CD or collection for digital download.

MUSIC SPOTTING - A meeting/session where the composer meets with the director and decides when and where music and sound effects are to feature in the finished film

STORYBOARD - A graphic organiser in the form of illustrations and images displayed in sequence to help the composer plan their soundtrack. CUESHEET - A detailed listing of MUSICAL CUES matching the visual action of a film so that composers can time their music accurately. CLICK TRACKS - An electronic METRONOME which helps film composers accurately

time their music to on-screen action through a series of 'clicks' (often heard through headphones) - used extensively in cartoons and animated films. DIEGETIC FILM MUSIC - Music within the film for both the characters and audience to hear e.g. a car radio, a band in a nightclub or sound effects.

NON-DIEGETIC FILM MUSIC — Music which is put "over the top" of the action of a film for the audience's benefit and which the characters within a film can't hear - also known as UNDERSCORE or INCIDENTAL MUSIC.

E. History of Film Music

Early films had no soundtrack ("SILENT CINEMA") and music was provided live, usually IMPROVISED by a pianist or organist. The first SOUNDTRACKS appeared in the 1920's and used existing music (BORROWED MUSIC - music composed for other (non-film) purposes) from composers such as Wagner and Verdi's operas and ballets. In the 1930's and 1940's, Hollywood hired composers to write huge Romantic-style soundtracks. JAZZ and EXPERIEMENTAL MUSIC was sometimes used in the 1960's and 1970's. Today, film music often blends POPULAR, ELECTRONIC and CLASSICAL music together in a flexible way that suits the needs of a particular film.



Planet of the Apes Star Trek: The Motion



Star Wars Inws Harry Patter



James Horner Titanic Apollo 13



F. Film Music Composers and their Soundtracks

The Good. The Bad and The Ugly For a Few Dollars



Danny Elfman Mission Impossible Batman Returns



The Lion Kina Gladiator Dunkirk



Bernard Hermann Psycho Vertigo

Contemporary dance is a style of expressive dance that combines elements of several dance genres including modern, jazz, lyrical and classical ballet. Contemporary dancers strive to connect the mind and the body through fluid dance movements.





RELATIONSHIPS – <u>WAY</u> in which dancers move with other dancers e.g. lead and follow, mirroring, action and reaction, accumulation, complement and contrast, counterpoint, contact, formations.

ACTIONS – <u>WHAT</u> a dancer does e.g. travelling, turning, elevation, gesture, stillness, use of body parts, floor-work and the transference of weight.

DYNAMICS – <u>HOW</u> the dancer moves e.g. fast/slow, sudden/sustained, acceleration/deceleration, strong/light, direct/indirect, flowing/abrupt.

SPACE – <u>WHERE</u> the dancer moves e.g. pathways, levels, directions, size of movements, patterns, spatial design.

Knowledge Organiser Year 9 Dance

Change the space

Levels
The size of the movement
Directions
Shape/body design
Change from near to far
proximity
Dance in different areas of
stage

Change the dynamics

The speed - faster/slower
The quality - stronger, softer,
sharper, more direct, more
flowing etc.

Change action Add in action and add

another action E.G a jump and turn together. Take out actions Instrumentation - different body parts (do on Right then on the Left) Repetition - repeat the motif or action



Change the relationships

Add in canon, unison

Make it action reaction with a
partner
Lead and following

Mirroring it with your partner

Change the structure/order

Retrograde - motif performed backwards Fragmentation - changing the order of the action in motif

HOW TO TAKE NOTES

MIND MAPPING AND BRAINSTORMING

ABOUT

Mind Mapping and Brainstorming is a highly visual method of representing

- Establishes links and relationships between ideas and concepts
- Can be used to take notes as part of the Cornell Method
- Effective when working from textbooks or written notes

HOW

This works far better on paper then as a digital method

Make sure you start in the centre of the page

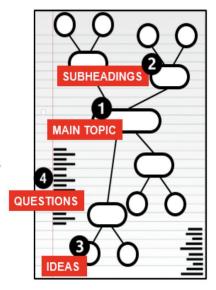








QUESTIONS



Determine the overall topic

Write this in the centre of your page and circle it

If the main focus of your mind map changes - create an additional mind map do not add the new focus to the mind map that you are already working on.

You will need to add major facts (subheadings) that relate to your main topic

Each subheading will have at least one idea related

> Make sure that your ideas are visually distinct from your subheadings

Use the edges of your document to write questions

These should relate to the ideas in your mind map

You could also use these areas to expand on points that need additional clarification on the main mind map

Mind maps are a great way to revise key information. Have a read through the information on your *Dance* and *Music* pages and then use the information below to help you create mind maps.

@ J Bridgeman 2020 Page 31

Rugby – Year 9

Rugby Tackling Technique



Create 'lock' around the

back of attacker's knees

by clasping hands

opponent's legs

together to collapse



Keep head to the side of the attacker's hip to avoid damage to neck, face or head

Drive the player backwards with power coming from legs, forcing them to the ground

Rules

Games start with a kick off.

Passing must be sideways or backwards.

Ball can be kicked forwards.

Teams aim to score a try-in oppositions area.

Any player in front of a player kicking must

wait for the kicker to pass or they will be

offside.

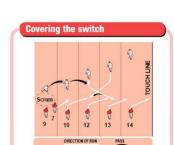
Try = 5 pts Conversion = 2 pts

Tactics/ Strategies

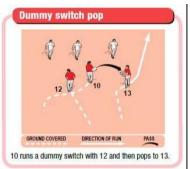
Strategies – Your teams overarching approach to being successful within the game.

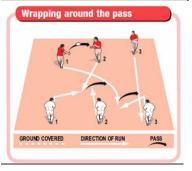
Tactics - Specific actions or steps that a team takes to achieve their strategy, e.g. passing the ball to fast wingers.

Strategies and tactics are a great way in helping a team to outwit their opposition.









Health & Safety

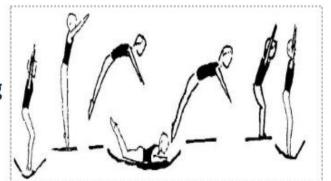
Players engaging in contact rugby must wear their PPE (mouthguard) at all times.

Physical Education Trampolining – Year 9

<u>PE</u>

Landings

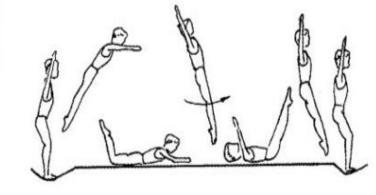
Front landing



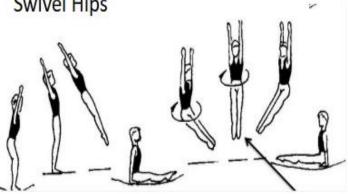
TEACHING POINTS

- Push feet back so centre of mass remains over cross.
- Vision focus on end bed.
- · Land with whole forearm in contact with the bed.
- · Arms, stomach and thighs land at the same time.
- · Push with hands to return to feet.

Front to back landing



Swivel Hips



TEACHING POINTS

- · Attempt to stand up straight between the 2 seat landings by straightening hips after take off.
- · Push with hands so arms are up between landings.
- · Look from front end to the mat behind you.
- · Keep legs tight and straight.

TEACHING POINTS

- Take off for flat back and then pike into the landing.
- · Vision focus on the end frame on the ascent and roof on landing.
- To return to feet kick upwards and forwards.

Back Landing

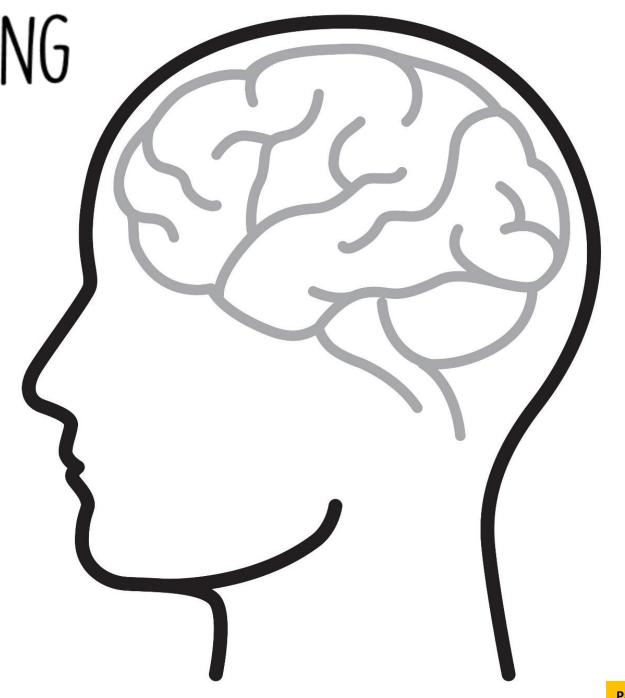


Front to back landing

- Keep legs straight and tight after the front landing and drive hips forward to get a good rotation to land on your back
- Arms come up above your head ready for the back landing.
- If the rotation isn't enough, try front of to seat to get used to the way your legs need to swing through.

BRAIN DUMPING

Within the 'brain', add all of the knowledge you can remember from **PE** without looking back at the sheets. Once you have added everything you can remember, look at these pages again and using a different colour pen, add in the knowledge that you missed out. This is the knowledge you should now continue to revise. Continue this process until you can remember everything on the page.



Year 9: How do Sikhs practice their religion in modern society?

Knowledge organiser

Key vocabulary

atma The soul

Bandi Chhor Diwas A festival where Sikhs celebrate the release of Guru Hargobind from prison

chauri A fan traditionally used by rulers but now waved over the Guru Granth Sahib as a sign of respect

dhan Material sewa

a Guru

Diwan Hall The main hall in a gurdwara, where worship services take place

Gurmukh Someone who puts God and the teachings of the Gurus at the centre of their life **Gurpurb** A festival to mark the birth or death of

Hola Mohall A Sikh adaption of the Hindu spring festival of Holi, involving military displays

karma The forces that influence people's future rebirths

Kirtan Sohila An evening prayer that is also said during a Sikh funeral

man Mental sewa

Manmukh Someone who is self-centred and does not put God at the centre of life

Maya The temporary and illusory nature of the world mukti Union with Waheguru; to escape the world of illusion and the cycle of life, death and rebirth

Nishan Sahib A flag that flies over every gurdwara pilgrimage A journey taken to a place of religious importance

sarovar The pool of water that surrounds the Golden Temple

Sewa Selfless service to others

Sikh Council The largest organisation representing Sikhs in the UK

takht The throne on which the Guru Granth Sahib is placed each day for services in the gurdwara

tan Physical sewa

Vaisakhi The Sikh festival marking the start of the new year; it also remembers the foundation of the Khalsa by Guru Gobind Singh in 1699

Zafarnama A letter written by Guru Gobind Singh to the Mughal emperor; it is the basis of many Sikh beliefs about war

Key people

Jarnail Singh Bhindranwale A Sikh leader leader who with his supporters occupied the Golden Temple in 1984, demanding rights for Sikhs

Indira Gandhi An Indian Prime Minister who ordered the army to clear Sikh protesters from the Golden Temple in 1984; she was later murdered by two of her Sikh bodyguards

Mahatma Gandhi An Indian Hindu leader who campaigned for Indian independence from Britain in non-violent ways

Duleep Singh The first Sikh to live in the UK **Manmohan Singh** The first Sikh Prime Minister of India

Ravinder Singh A British Sikh who founded Khalsa Aid in 1999



The first Sikh Prime Minister of India meeting The Queen at Buckingham Palace.

Religious Studies

Key facts

- Sikhs believe that we are all in a cycle of birth, death and rebirth. We can influence our rebirth by our actions in this life (karma).
 Performing good deeds creates good karma; living selfishly creates bad karma.
- The ultimate goal is to achieve mukti freedom from this cycle and union with God.
- The Sikh place of worship is called a gurdwara.
 An orange flag called a Nishan Sahib always flies above a gurdwara.
- During Sikh worship services, the Guru Granth Sahib is placed on a throne in the Diwan Hall; the people all sit on the floor during the service.
- The langar is a communal place for cooking and eating; every gurdwara must have a langar, which is open to everyone, whatever their gender, ethnicity or religion.
- In recent years, many non-Sikhs living in poverty have started to visit langars to have a meal each day. This has led to Sikh organisations such as SWAT taking langar on to the streets to help even more people.
- Sewa, serving others, is a key Sikh belief.
 There are three forms of sewa: tan (physical service), man (mental service) and dhan (material service, which includes giving to charity).
- The Harmandir Sahib, or Golden Temple, at Amritsar is the holiest place in the world for Sikhs. It receives 5.5 million visitors a year.
- The Golden Temple has been the site of two violent events in its history: the Amritsar Massacre in 1919 and Operation Blue Star in 1984.
- The Sikh festival of Vaisakhi marks the start of the new year and is also a celebration of the founding of the Khalsa.
- The festival of Bandi Chhor Diwas is on the same day as the Hindu festival of Diwali and commemorates the release of Guru Hargobind from prison.

- Gurpurbs are festivals held throughout the year to mark the births and deaths of the Ten Gurus.
- Sikhs believe it is acceptable to fight as long as this is a last resort and is in self-defence or in defence of innocent people. Rules for fighting state that civilians cannot be deliberately harmed and that no religious building – of any faith – should be damaged.
- Many Sikhs fought for Britain during the First and Second World Wars, and recently Sikhs have become members of the Queen's Guard at Buckingham Palace.
- Most Sikhs in the UK today are descendants of people who left the Punjab after the partition of India in 1949. However, there were Sikhs in the UK beforehand, and the first gurdwara was built in London in 1911.
- In recent years there has been controversy over marriages between Sikhs and people of other faiths, with some Sikhs concerned that this may lead to the extinction of the Sikh religion in the long term. Other Sikhs stress the idea of equality that Sikhism embraces and say that Sikhs should be free to marry whomever they love.



Sikhs light candles at the Golden Temple at Amritsar to celebrate the anniversary of Guru Nanak's birth.

KEYWORD REVISION

Copy some of the definitions of the *RE* key vocabulary into the boxes below from your knowledge sheet and then see if you can add in the keywords without looking back at your work. Alternatively, you can do it the other way round and see if you can add in the correct definitions without looking.

can add in the correct definitions without looking.						
Keyword:	Definition:					
	Page	e 3				

Fancy some additional Class Charts points? Impress your teachers with any of these BHAmazing pieces of vocabulary, and they will award you extra CC points.									
Challenge: Can you use them in any sentences and show a member of the Senior Leadership Team?									
Word List 1	Word List 2	Word List 3	Word List 4	<u>Word List 5</u>	<u>Word List 6</u>	Word List 7			
Myriad (adjective) –	<u>Caustic</u> (adjective) –	<u>Tension</u> (noun) –	<u>Omniscient</u>	<u>Sentimental</u>	Oppressed (adjective)	Metamorphosis			
many	mean / harsh	feeling of	(adjective) – all-	(adjective) –	- subjected to	(noun) – a			
Assert (verb) - state	Elucidate (verb) – to	anxiety or	knowing	emotional	cruel	change /			
a fact	make clear	nervousness	<u>Gullible</u> (adjective) –	Bawdy (adjective) –	mistreatment	transformation			
confidently or	Esoteric (adjective) –	<u>Oblivious</u> (adjective)	believes things	rude or vulgar	Subservient (adjective)	<u>Abhorrent</u>			
forcefully	likely to only be	– unaware	easily	<u>Hypermasculine</u>	- obedient /	(adjective) –			
<u>Egregious</u>	understood by a	<u>Naïve</u> (adjective) –	<u>Supercilious</u>	(adjective) –	submissive	repulsive			
(adjective) -	small number	Inexperienced /	(adjective) –	overly masculine	Exploit (verb) - to use	<u>Abhor</u> (verb) – to			
outstandingly	or people /	unaware	arrogant	<u>Atavistic</u> (adjective) –	someone for your	hate			
bad	obscure	<u>Pretentious</u>	<u>Tyrannical</u>	has	own good	<u>Fate</u> (adjective) –			
<u>Erroneous</u>	<u>Tenuous</u> (adjective) –	(adjective) –	(adjective) – a	characteristics of	Epiphany (noun) – a	destiny			
(adjective)-	weak or fragile	arrogant	cruel dictator	an earlier	sudden	<u>Integra</u> l (adjective)			
wrong	<u>Perfunctory</u>	Pompous (adjective)	<u>Brazen</u> (adjective) –	generation	realization	– important			
Engender (verb) -	(adjective) –	– arrogant	bold, shameless	Troglodytic (adjective)	<u>Façade</u> (noun) – a front	<u>Demise</u> (noun) - a			
to cause	carried out with	Privileged (adjective)	Elusive (adjective) –	– like a caveman	(to 'wear a	person's			
Employ (verb) – to	minimal effort	– having an	mysterious	<u>Apathetic</u> (adjective) –	façade' means	downfall or			
make use of	Moral (noun) - a	advantage over	<u>Chauvinistic</u>	indifferent / lazy	you wear a	death			
<u>Salient</u> (adjective) –	lesson	other, usually	(adjective) –	Segregated (adjective)	metaphorical	Ridicule (verb) – to			
most	Autonomy (noun) -	wealth	has an attitude	- separated	mask, covering	make fun of			
noticeable and	independence	<u>Compassionate</u>	of superiority to	<u>Misogynistic</u>	your true	<u>Deride</u> (verb) - to			
important	Assertive (adjective)	(adjective) –	opposite sex	(adjective) –	emotions or	mock			
<u>Advantageous</u>	- confidence	sympathetic	<u>Materialistic</u>	hateful towards	character)	<u>Contempt</u> (noun) –			
(adjective) –	<u>Conceited</u> (adjective)	<u>Vindictive</u> (adjective)	(adjective) –	women	<u>Microcosm</u> (noun) – a	hate			
providing an	- excessively	– spiteful, cruel	cares for	<u>Choleric</u> (adjective) –	smaller	Hysterical			
advantage /	proud / vain	<u>Duplicitous</u>	objects and	quick-tempered,	community	(adjective) –			
beneficial	Superior (adjective) –	(adjective) –	commodities	angry	which represents	uncontrolled			
<u>Galvanize</u> (verb) -	better than	having two	Prophetic (adjective)	<u>Secular</u> (adjective) –	a larger one	emotion			
to shock or		sides	– able to	not religious	<u>Aloof</u> (adjective) –				
excite		<u>Narcissistic</u>	accurately		stand-offish				
someone into		(adjective) –	predict		<u>Degenerate</u> (adjective)				
action		self-obsessed	Impulsive (adjective)		- disgusting				
Substantiate (verb)			- rash /		<u>Depraved</u> (adjective) –				
– to provide			careless		immoral / evil				
evidence					Feral (adjective) – wild				

My BHAmazing vocabulary, written in sentences: 1. **3. 5**. 6. **7.**