Home Learning Booklet



Knowledge Goals Year 7 Half Term 4

How to self-test

Mind mapping

- Mind mapping is simply a diagram to visually represent or outline information.
- Use information gathered from your knowledge goals booklet to create mind maps, make sure to use colour and images, keep writing to the bare minimum.

How to mind map:



Information for parents on knowledge retrieval



Flash cards

Use your knowledge goals booklet to make flash cards. Write the questions on one side and on the other record the answer. Test yourself or work with a friend to make sure you know all the key information for each topic.

How to mind map:



How should students use the Knowledge Goals booklets?

Your Knowledge Goals booklet provide the essential knowledge that you need to learn in each subject this half term. You are **expected to spend 30 minutes per subject per week 'learning' the content**. You will be assessed during lessons using 'low stake' quizzing. **Your teacher may choose to set you additional homework.**

How can parents support?

- Read through the organiser with your child if you don't understand the content then ask them to explain it to you 'teaching' you helps them to reinforce their learning.
- Test them regularly on the spellings of key words until they are perfect. Get them to make a glossary (list) of key words with definitions or a list of formulae.
- Read sections out to them, missing out key words or phrases that they must fill in. Miss out more and more until they are word perfect.

Subject Index

Suggested Homework Schedule (1 hour of independent study per night).

To help you get organized, we have planned out your weekly home learning to cover all subjects. You may choose to create your own version:

Week A

Day Subject 1 (20mins)		Subject 2 (20mins)	Subject 3 (20mins)		
Monday	Art	English Language	Physics Maths Music		
Tuesday	Biology	Technology			
Wednesday	Chemistry	Spanish			
Thursday	Computer Science	Geography	RS		
Friday	Design Technology	History	PE		

Week B

Day	Subject 1 (20mins)	Subject 2 (20mins)	Subject 3 (20mins)
Monday	Drama	Personal Development	Teir 2 Vocab
Tuesday	Maths	English	Physics
Wednesday	Chemistry	English	Music
Thursday	Teir 2 Vocab	Maths	Biology
Friday			

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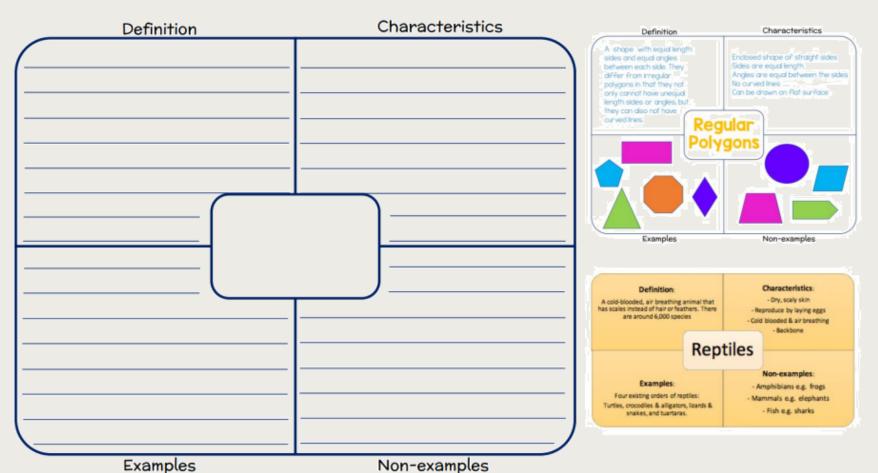
Literacy Tier 2 Vocabulary

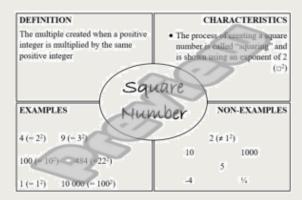
These words are all 'tier 2' words; in other words, they are seen as 'academic vocabulary' and if you know them, can understand them and use them, you will do better in your exams and be able to communicate more precisely and effectively in life.

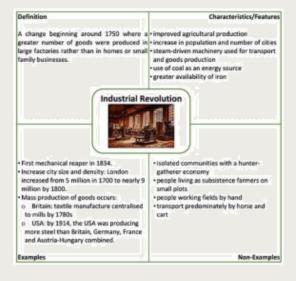
#	Key word	Definition
1	Advocate	
2	Benefit	
3	Clarity	
4	Define	
5	Hierarchy	
6	Liberate	
7	Modify	
8	Notation	
9	Objective	
10	Qualify	

Literacy Tier 2 Frayer Model

examples







Have a go at creating a Frayer Model for each of the 6 tier 2 words from this term (blank templates are at the back of the booklet for you to complete this activity).

Year 7 term 3

Using imagination as your stimulus, you will develop a letter design using pen. You will develop skills of layout and spatial awareness. Working only in black pen to develop the understanding of the importance of the quality of line and of pattern. You will research modern graffiti artist AJ Purdy to inform your work.



Success Criteria—what will my work be marked on?

- \Rightarrow Layout and scale of your letter
- ⇒ Clear and identifiable drawings
- ⇒ Smooth pen work including outlines and shading
- ⇒ Creatively linking drawings together
- ⇒ Variety of line thicknesses
- ⇒ Visually links to AJ Purdy's art work
- \Rightarrow Use of pattern to fill spaces
- ⇒ 3D appearance of drawings

Information on Purdy

A J Purdy is a visual communicator/illustrator, type enthusiast and exhibiting artist. Currently he lives in the USA. In march 2006 he was awarded a year scholarship to the Fabrica Research Center in visual communication in Italy. He graduated from the university of the arts in Philadelphia, earning his BFA graphic design

in 2003. Continual collaboration with artists and designers on various uselessly fun, and unpretentious projects is a great joy for him.

Purdy uses varied thicknesses of line to create focal points. His backgrounds are often plain to draw attention to the fine detail in his drawings.

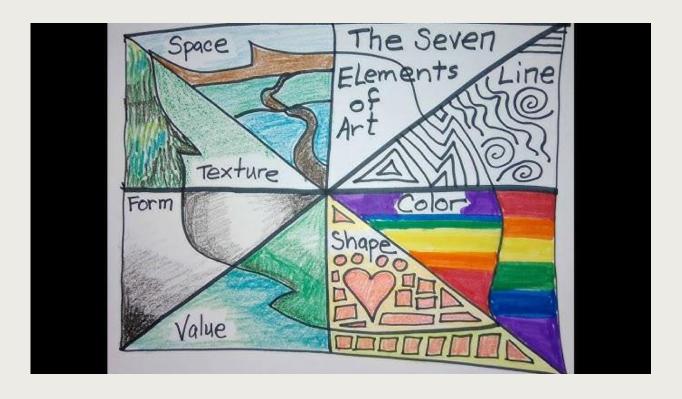
Purdy uses pattern to create detail and texture within his letters.

Key words

Tone, value, contrast, monochromatic, guidelines, shade, solid, mark making, pattern, illustrative, imaginative

Shape / Form	Tone	Pattern / Texture	Colour	Line
Closed	Bright	Repeated	Bright	Fluent
Open	Dull	Uniform	Bold	Free
Distorted	Light	Geometric	Primary	Controlled
Flat	Dark	Organic	Secondary	Expressionis
Organic	Faded	Random	Cold	tic
Deep	Smooth	Symmetrical	Warm	Strong
Positive	Harsh	Irregular	Radiant	Angular
Negative	Contrasting	Bold	Dull	Delicate
Foreground	Intense	Bumpy	Vivid	Flowing
Background	Sombre	Rough	Contrasting	Simple
Composition	Strong	Smooth	Complement	Thick
Elongated	Powerful	Broken	ary	Thin
Compressed	Dramatic	Fine	Monochrom	Horizontal
Large		Bold	e 	Vertical
Small		Flat	Harmonious	Broken
2D / 3D		Grid	Natural	Overlapping
Blurred			Saturated	Faint
Movement			Luminous	
Perspective			Opaque	
·			Translucent	
			Transparent	

Art Key Terms



ELEMENTS OF ART

LINE	A line is an identifiable path created by a point moving in space. It is one-dimensional and can vary in width, direction, and length.	
SHAPE	Shape and form define objects in space. Shapes have two dimensions, height and width, and are usually defined by lines.	
VALUE	Value describes the brightness or darkness of color. a gradient is a series of values from darkest to lightest.	
FORM	Shape and form define objects in space. Forms exist in three dimensions, with height, width, and depth.	
SPACE	Space in a work of art refers to a feeling of depth or three dimensions. It can also refer to the artist's use of the area within the picture.	
TEXTURE	The surface quality of an object that we sense through touch: hard, soft, rough, smooth, hairy, leathery, sharp, etc.	
Color	Reflected.light, Organized on a color wheel with 3 primary colors, 3 secondary colors and 6 intermediate colors.	

Knowledge Goals: Biology – Variation

During a pregnancy

- The umbilical cord joins the foetus to the placenta.
- The placenta is an organ which supplies food and oxygen from the mother via diffusion. Waste substances such as carbon dioxide and urea move from the foetus to the mother.
- Blood from mother and baby blood does not mix.
- Amniotic fluid surrounds the foetus for protection.

Uterus Umbilical cord Fetus Amniotic fluid Cervix Vagina

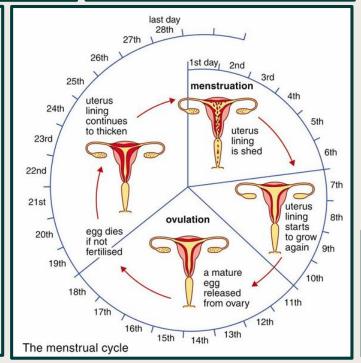
The menstrual cycle

Day 1: Bleeding from the vagina begins. This is caused by the loss of the lining of the uterus. This is called menstruation or having a period.

Day 5: Blood loss stops. The lining of the uterus begins to re-grow and an egg cell starts to mature in one of the ovaries.

Day 14: Ovulation occurs. The egg travels through the oviduct towards the uterus.

Day 28: If the egg does not join with a sperm cell in the oviduct, the lining of the uterus begins to break down again and the cycle repeats.



Parts of the male reproductive system Bladder Glands Sperm duct Foreskin Scrotum Parts of the female reproductive system oviduct ovary uterus bladder cervix

Variation Characteristics like eye colour and genetic diseases are inherited from our parents.

urethra

vagina

Fertilisation Fertility is controlled by hormones. During sexual intercourse millions of sperm are ejaculated into the vagina. If the sperm meets the egg, fertilisation can occur.

Knowledge Goals: Biology – Variation

	Half Term 4: Tier 3 Vocabulary				
#	Key word	Definition			
1	species	A group of living things that can reproduce to produce fertile offspring.			
2	variation	The differences within and between species.			
3	3 gamete A sex cell. The male gamete in animals is a sperm, female an egg.				
4	fertilisation	Joining of a nucleus from a male and female sex cell.			
5	uterus	Where a baby develops in a pregnant woman.			
6	menstruation	Loss of the lining of the uterus during the menstrual cycle.			
7	7 foetus The developing baby during pregnancy.				
8	ovulation	Release of an egg cell during the menstrual cycle.			

Notes:

Knowledge Goals: Chemistry - Earth structure

The Earth crust mantle outer core inner core

Crust – The outermost layer, it is thin and made from sections called tectonic plates.Mantle – A semi liquid, that causes the

Mantle – A semi liquid, that causes the plates above to move due to convection currents.

Outer core – A liquid layer made from molten iron and other elements.

Inner core – The inner most section, it is solid. It is mainly made from iron and nickel.

Types of rocks

Sedimentary sediment piles up in one place and over many years stick together by compaction or cementation

Igneous - when liquid rock cools it turns into igneous rocks these are made of crystals locked tightly together. Slow cooling produces large crystals within the rock, slow cooling produces small crystals.

Metamorphic - rocks that have changed due to changes in heat and pressure

The Rock Cycle weathering uplift transport transport transport transport lake deposition melting melting sedimentary rock rock rock rock melting sedimentary rock

Sedimentary Rocks

Limestone, chalk, sandstone

Igneous Rocks Granite, basalt and obsidian.

Metamorphic Rocks Marble, slate and schist.

Space

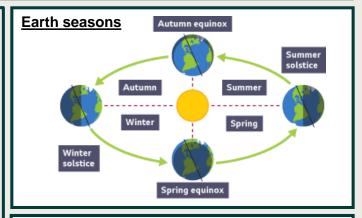
- A galaxy is a collection of billions of stars. The Earth is in the Milky Way galaxy.
- Planets are large objects that orbit stars, and do not produce light.
- Asteroids are rocky objects smaller than planets, that also orbit stars.
- **Satellites** are objects that orbit planets. This includes **natural satellites** (moons) and **artificial satellites** (e.g., the International Space Station).

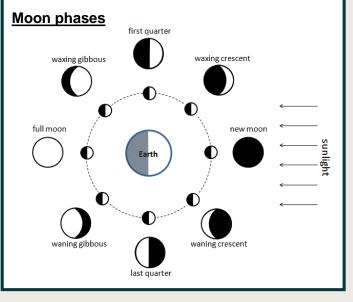
The seasons

- The Earth is the only place we have found life in the Universe.
- It takes a year for the Earth to orbit the Sun - 365.2442 days.
- We add one day every fourth year (a leap year) because of the extra 0.2442 days.
- The Earth's axis is tilted 23.4 degrees, which causes seasons (which have different day lengths and temperatures).
- The Earth spins on its axis every 24 hours, giving us day and night.

The Moon

- The Moon orbits the Earth every 27 days and 7 hours.
- It takes the same amount of time to spin on its axis, so we always see the same side.



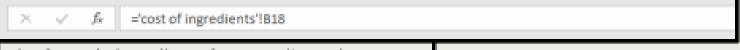


Knowledge Goals: Chemistry – Earth structure

	Half Term 4: Tier 3 Vocabulary				
#	Key word	Definition			
1	rock cycle	The relationship between different types of rock and the processes that occur to change these over long periods of time.			
2	weathering	The breaking down of rocks, soil and minerals by physical, chemical or biological processes.			
3	erosion	The movement of rock or soil by water, ice, or wind.			
4	sedimentary rocks	Rocks formed from layers of sediment; can contain fossils.			
5	igneous rocks	Rocks formed from the solidification of cooled magma.			
6	metamorphic rocks	Rocks formed from existing rocks exposed to heat and pressure over a long time.			
7	galaxy	A group of billions of stars held together by gravity.			
8	light year	The distance light travels in one year.			
9	stars	A massive, luminous sphere of plasma held together by its own gravity. The Sun is the star at the centre of our solar system.			
10	orbit	The path taken by a satellite, planet or a star moving around a larger body. Earth completes one orbit around the Sun each year.			
11	exoplanet	Planet that orbits a star outside of our Solar System.			

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Knowledge Goals: Computer Science – Spreadsheet Modelling



The formula bar allows for complicated mathematical formula to be added to cells. This lets you perform lots of complicated maths automatically, and not have to do all of the thinking yourself.

It even lets you reference data held in other worksheets, so you can keep data separate.

Formatting tools
inside excel, such as
the border tool and
shape fill allow us
to create interesting
and easy to read
tables of data.

Grow Hairy Wart Cream						
Ingredient	Cost	Each	Number	Total	Cost	
Bat Ear	£	1.99	1	£	1.99	
Frog Leg	£	1.00	1	£	1.00	
Rat Tail	£	0.35	1	£	0.35	
Owl Toe	£	0.40	1	£	0.40	
Hairy Spider	£	0.90	2	£	1.80	
Beard Hair	£	0.05	3	£	0.15	
			Total Cost	£	5.69	

Formula Rules:

- All formula must start with =
- To add something, use
- To subtract something, use -
- To multiply something, use *
- To divide something, use

Useful Functions:

- =SUM
- =AVERAGE
- =MIN
- =MAX
- =COUNT

Knowledge Goals: Computer Science – Spreadsheet Modelling

		Half Term 2: Tier 3 Vocabulary
#	Key word	Definition
1	Function	A built in formula inside Excel which will allow you to perform calculations based on which cells you supply.
2	SUM	A function which calculates the sum of all cells in a range
3	AVERAGE	A function which will find the average of all cells in a range
4	MIN	A function which will find the smallest value in a range of cells
5	MAX	A function which will find the largest number in a range of cells
6	Insert -> Chart	Will create a chart from selected data in a spreadsheet
7	Range	Allows for cells to be grouped together

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Knowledge Goals, Drama

Jabberwocky

https://www.youtube.com
/watch?v=604o4vuEDoY

https://www.youtube.com
/watch?v=GIjMl6m1K3g

https://www.youtube.com
/watch?v=sgq71T80vk0

BY LEWIS CARROLL

'Twas brillig, and the slithy toves Did gyre and gimble in the wabe: All mimsy were the borogoves, And the mome raths outgrabe.

"Beware the Jabberwock, my son!
The jaws that bite, the claws that catch!
Beware the Jubjub bird, and shun
The frumious Bandersnatch!"

He took his vorpal sword in hand; Long time the manxome foe he sought— So rested he by the Tumtum tree And stood awhile in thought.

And, as in uffish thought he stood,
The Jabberwock, with eyes of flame,
Came whiffling through the tulgey wood,
And burbled as it came!

One, two! One, two! And through and through
The vorpal blade went snicker-snack!
He left it dead, and with its head
He went galumphing back.

"And hast thou slain the Jabberwock? Come to my arms, my beamish boy! O frabjous day! Callooh! Callay!" He chortled in his joy.

'Twas brillig, and the slithy toves Did gyre and gimble in the wabe: All mimsy were the borogoves, And the mome raths outgrabe.

Drama Key Terms

	·
Stylised movement	Movement which tells a section of the
	story and is more abstract.
The Jabberwocky	A nonsense poem by Lewis Carrol
Fast motion	action that appears to have occurred at a
	faster speed than it would do in real life
Slow motion	reduce the speed at which a drama is
	enacted, to highlight a scene or bring a
	big moment into focus
levels	. They show action in a different
	place/time and can reflect relationships.
	refer to the use of different heights, eg
	through standing or sitting, to convey
	meaning on stage.
physical theatre	a type of performance where physical
	movement is the primary method of
	storytelling;
teamwork	Working together to achieve a common
	goal
unison	Performers using the same action,
	movement or gesture at the same time.
canon	Canon Performers completing the same
	action, movement or gesture one after
	another.



Knowledge Goals: English

Year 7 Knowledge Organiser Introduction to Shakespeare

Form (Play)- Key Terminology 1

Scene- a brief moment in a play consisting of dialogue and action.

Act- several scenes following on from each other. Each act forms the different parts of the plot.

Stage Direction- an instruction in the script of a play, directing the movements of the actors, the arrangement of scenery, etc.

Audience- the people watching the play.

Playwright- the writer of the play

Sollloquy/monologue- an act of speaking one's thoughts aloud when by oneself or regardless of any hearers, especially by a character in a play.

Structure - Key Terminology 2

5 Act play- a drama is often divided into five parts, or acts, which some refer to as a dramatic arc

Exposition: the opening section where the setting is fixed in a particular place and fime, the mood is set, and characters are introduced.

Rising Action- an exciting force or inciting event

Climax- the climax is the turning point, which changes the protagonist's fate.

Falling Action: the tension decreases and it wraps up the narrative, resolves its loose ends, and leads toward the closure.

Denoument- the ending with some sort of resolution and the tying up of loose ends.

Catastrophe- the final action that completes the unravelling of the plot in a play, especially in a tragedy. The hero meets his end.

Language- Key Terminology 3

Literary Devices:

Repetition- Repeated words or ideas

Imagery- Creating a mental picture for the reader through appealing to the senses (smell, touch, taste, see, hear).

Simile- Comparing one thing to another using like or as

Metaphor- Describes an object or action in a way that isn't literally true, but helps explain an idea or make a comparison

Connotation- What a word makes the reader feel, think or imagine.

Symbolism- the way an object is given greater meaning within the novel so it has added importance.

Motif- a recurring symbol within the novel

Personification-giving human characteristics to an inanimate object



Context

William Shakespeare (bapt. 26 April 1564 – 23 April 1616) was an English playwright, poet, and actor, widely regarded as the greatest writer in the English language and the world's greatest dramatist.

He is often called England's national poet and the "Bard of Avon" (or simply "the Bard").

His works consist of some 39 plays, 154 sonnets, two long narrative poems, and a few other verses, some of uncertain authorship.

His plays have been translated into every major living language and are performed more often than those of any other playwight.

Shakespeare was born and raised in Stratford-upon-Avon, Warwickshire.

Shakespeare produced most of his known works between 1589 and 1613.

His early plays were primarily comedies and histories and are regarded as some of the best work produced in these genres.

He then wrote mainly tragedies until 1608, among them Hamlet, Romeo and Juliet, Othello, King Lear, and Maobeth, all considered to be among the finest works in the English language. [2]

In the last phase of his life, he wrote tragicomedies (also known as romances).



DRAMATIC DEVICES

<u>Foreshadowing:</u> a device in which the writer gives a warning or indication of the future <u>Dramatic Tension:</u> a sense of excitement or anticipation that the audience feels <u>Dramatic Irony:</u> occurs when the audience are aware of a detail that characters on stage are not aware of.

<u>Dramatic Tension:</u> a sense of excitement or anticipation that the audience feels. Pauses and cliffhangers: these techniques are used to give suspense to the play

Shakespeare's Style

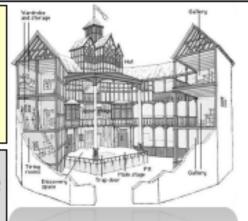
Verse: Speech written in poetic form

Blank Verse: a formal poetic form where each foot of a line is stressed on the second syllable (de-DUM) and each has five feet creating IAMBIC PENTAMETRE.

Prose: A form of written speech that reflects the style of ordinary speech without a rhythmic structure.

The Globe Theatre was a theatre in London associated with William Shakespeare. It was built in 1599 by Shakespeare's playing company, the Lord Chamberlain's Men, and was destroyed by fire on 29 June 1813. A second Globe Theatre was built on the same site by June 1814 and closed down in 1842.

A modern reconstruction of the Globe, named "Shakespeare's Globe", opened in 1997 approximately 750 feet (230 m) from the site of the original theatre.



Knowledge Goals: Subject

	Half Term 4: Tier 3 Vocabulary										
#	Key word	Definition									
1	Soliloquy	A speech delivered when a character is alone.									
2	Literal	What something is; a door is a door etc.									
3	Figurative	Using language in a symbolic way (metaphors, similes, personification etc); the opposite of literal.									
4	Pathetic Fallacy	Using natural elements, such as the weather to symbolise or reflect human emotions.									
5	Protagonist	The main character or 'hero'.									
6	Antagonist	The adversary of the main character.									
7	Inference	What we can work out from reading or listening to something.									
8	Connotations	The associations a particular word holds (for example, 'school' could be 'teachers', 'students', 'lessons' etc.									

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Knowledge Goals: Food Technology

Personal Hygeine

Good personal hygiene is vital when cooking to avoid the risk of food poisoning.

- Short Fingernails
- Hair Tied back
- Cuts covered with a BLUE plaster
- Wear clean apron
- Jewellery removed
- Wash hands before cooking, after blowing nose, visiting toilet or touching face or hair

Health and Safety

These are essential for everyone's safety

- Wash in hot soapy water
- Don't put hot food in fridge
- · Turn saucepan handles when using
- Don't touch electrical appliances with wet hands
- Store high risk food in fridges
- Use oven gloves

Food Senses

taste, smell, touch, sight, hear

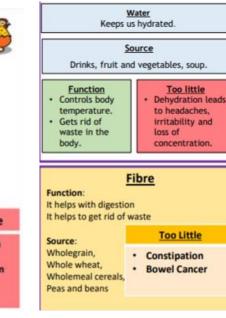
Macronutrients

Needed in large amounts to help the body to function properly









Colour Coded Chopping Boards

Blue - fish

White – bread and dairy

Brown – root vegetables

Red – raw meat

Yellow – cooked meat

Green - vegetables and salad



Knife Skills

Bridge Hold

Claw Hold

Knife pointing down







Knowledge Goals: Food Technology

	Half Term 4: Tier 3 Vocabulary											
#	Key word	Definition										
1	Hygiene	The degree to which people keep themselves or their environment clean, especially to prevent disease										
2	Nutrient	A nutrient is an essential substance that the body needs. There are different types of nutrients, such as carbohydrates, proteins, fats, vitamins and minerals										
3	Protein	Protein is a macronutrient that we need for growth, repair and maintenance in the body, especially for bones and muscles										
4	Carbohydrate	There are two types of carbohydrates: 1. simple carbohydrates or sugars such as biscuits and jam 2. complex carbohydrates or starches such as bread and rice Complex carbohydrates give a steadier source of energy.										
5	Fat	There are two types of fat – saturated fat and unsaturated fat, fat is needed in the body to protect internal organs, to provide warmth and energy										
6	Mineral	Iron and calcium are examples of minerals which the body needs										
7	Hydration	Hydration means adding back water that has been lost.										

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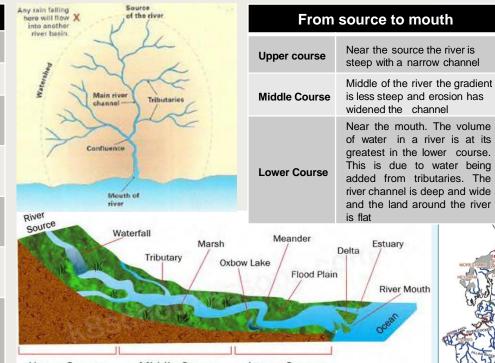


Knowledge Goals: Geography From Bela to Bay



The Water Cycle									
Precipitation	Any moisture/water falling from the sky								
Condensation	Water vapour (gas) cooling down and turning into a liquid.								
Evaporation	Water (liquid) warming up and turning into water vapour (gas).								
Infiltration	Water Soaking into the ground.								
Surface runoff	Water running over the surface of the land. It happens when the ground is too wet and no more water can soak in.								
Throughflow	Water soaks into the soil and flows downhill through the soil								
Groundwater flow	Water that has infiltrated deep underground slowly flows back to the sea or river through the rocks								

D	rainage Basin
Source	Where the river begins.
Mouth	Where the river meets the sea.
Tributary	A small river that joins a larger river.
Confluence	The point 2 rivers join.
Drainage basin	An area of land drained by a river and its tributaries .
Watershed	An imaginary line that marks the edge of a drainage basin.
Catchment area	the area of land, including the hills and mountains, woodlands, and buildings which water drains from, before flowing into the streams, rivers, lakes and tarns



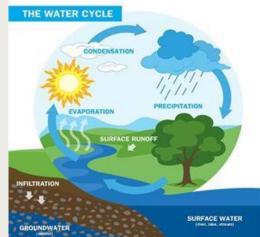
Upper Course Middle Course Lower Course **River Processes: Transportation** Large stones are rolled along the Traction riverbed Smaller stones bounce along the Saltation river bed over on another Small particles of rock, dirt and plants float in the water of a river, Suspension making it look cloudy Particles of rock and chemical are Solution dissolved and carried along in the

water unseen

River Processes: Deposition

Rivers **deposit** (drop) eroded material as they lose speed when:

- the river becomes shallower
- the amount of water is reduced
- the amount of material being carried increases
- the river reaches its mouth



Mivel Flocesses. Liusium									
Hydraulic Action	Water is forced into cracks in the rock. This forces the air out quickly and breaks down the bank.								
Attrition	The rocks being carried by the water knock into each other and break. This will make them smaller and rounder.								
Abrasion	Rocks carried by the water rub against the river bean and bank, wearing it awaylike sandpaper.								
Corrosion	Acids in the water dissolve some of the rock.								

River Processes: Frosion



0 1 2 4 6 8 10

Lune Sub-Cat
- SMP Boundary
- Main Rivers
Urban Areas

Lancaster Canal



Knowledge Goals: Geography From Bela to Bay



		Half Term 3: Tier 3 Vocabulary	Notes:
#	Key word	Definition	
1	Drainage basin	The area of land drained by a river and its tributaries.	
2	Hydrological cycle	The sum total of all processes in which water moves from the land and ocean surface to the atmosphere and back in form of precipitation.	
3	Erosion	The processes that wear away the surface of rocks and stones, breaking them down into smaller parts.	
4	Transportation	The processes that move rocks and stones from one place to another.	
5	Deposition	The process of dropping eroded material once a river or other agent of erosion has lost energy and cannot carry it any longer	
6	River Long Profile	The long profile of a river is a way of displaying the channel slope (gradient) of a river along its entire length. Therefore, it shows how a river loses height with increasing distance towards the sea	
7	River Cross Profile	River cross profiles show you a cross-section, taken sideways, of a river's channel and/or valley at certain points in the river's course	
8	Upper Course	The part of the river closest to the source. Here the river channel is steepest, narrowest and there is lots of erosion taking place.	
9	Middle Course	The middle section of the river, where the river begins to flatten out and create meanders	
10	Lower Course	The section of the river where it is widest and deepest.	

Year 7 Knowledge Goals – Medieval and Early Modern England

















The Anarchy

1170 Murder of **Thomas**

15th June 1215 Magna Carta December 1282 Llywellen the Great killed

1296 Edward I takes control of

1348 Black Death reaches England

Changes to the Church

1381 **Peasants** Revolt

1455 Wars of the Roses begin

Changes to the monarchy

The Anarchy, 1135-1153

- Began after son of King Henry died racing a boat drunk in 1120.
- Lords promised Henry his daughter, Matilda, would become Queen. But when she died, they chose his nephew Stephen.
- Civil War began in England until 1153. It was agreed Stephen would remain King of England. In return, Matilda's son would be





the next King.



The Barons of England became angry with King John because of the failures of his wars in France and him raising taxes without





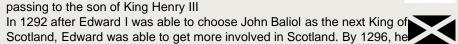
 They met the King and gave him list of rules that to agree to. This included no man being arrested unless he has broken the law, the King had to ask permission to raise taxes and for trials

Scotland and Wales, 1200-1300

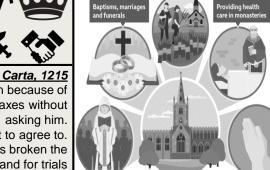
became the overlord of the Scottish nobles

to be held before a person was sent to prison.

English monarchs began taking more power from Scotland and Wales. The Prince of Wales Llywelyn the Great was killed in 1282, with the title



Magna Carta, 1215



Black Death, 1348

What caused conflict between the Church and state under Henry II?

- Henry II appointed Thomas Becket as Archbishop of Canterbury in 1162.
- Becket tried to increase the power of the Church. In 1164 Henry tried to limit the power of the Church by passing laws called the Constitutions of Clarendon.
- After Becket got rid of bishops who had been helping Henry, Henry went into a rant which was heard by some knights.
- The knights went to Canterbury cathedral and murdered Becket.
- Henry II failed to reduce the power of the Church, no monarch challenged the Church again until henry VIII in the

Wars of the Roses, 1455-1485













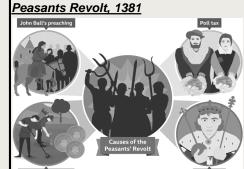
Impact of the Black Death:

Killed between third and half of population.

the Churcl

- Upper class donated more money to the Church as they feared it was a punishment from God.
- Peasants asked for more wages, but the 1351 Statute of Labourers made banned this.
- 3000 villages wiped out.

Changes to society



Impact of the Peasants Revolt:

- Rules forcing peasants to stay on the land they worked on were relaxed.
- Warning to the monarchy that they had to listen to the people of





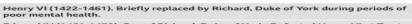












Henry VII (1485-1509). Defeated Richard III at the Battle of Bosworth. Henry married



Knowledge Goals: History Medieval and Early Modern England



		Half Term 1: Tier 3 Vocabulary
#	Key word	Definition
1	Anarchy	When there is no government or order in a country.
2	Clergy	The leaders of the religious activities within the Church.
3	Magna Carta	Signed by King John in 1215 at Runnymede. It guaranteed the people of England certain rights.
4	Black Death	One of the most feared diseases in the 14 th century. It was a type of plague that was spread via the bite of infected rat fleas.
5	Vassal	A man who agreed to fight for their lord in medieval England.
6	Peasant	A person who farmed land that they did not own. They would often pay rent/tax to their lord.
7	Feudalism	A system of organisation where the King gives land to the rich in return for military service. Vassals held land from the rich and promised to serve them. Peasants held land from the vassals and worked on their land while giving the vassal rent.
8	Homage	Paying respect to someone publicly.
9	Revolt	When a group of people join together to take action against their government or ruler.
10	Plantagenet	Royal family who held the throne from Henry II in 1154 to the death of Richard III in 1485.

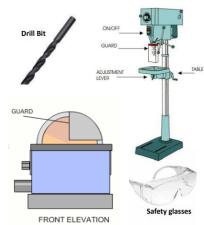
Knowledge Goals: Materials

Health and Safety

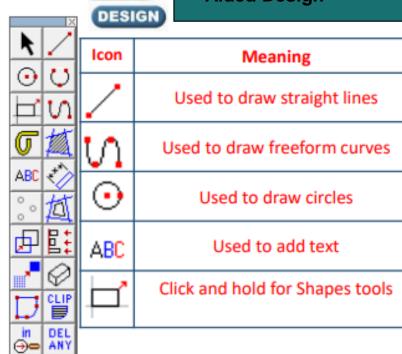
It is really important we ASSESS the RISK and REDUCE the RISK of Injury by LISTENING To the TRAINING and following the correct PPE usage

- Hair must be tied up in the workshop
- Blazers and ties must be removed
- Jewellery must be removed
- Only use machines you have been told to use and have been demonstrated to you
- Ensure you know where the emergency stop button is
- Do not eat or drink in the workshop
- No running

Pillar drill and disc sander



CAD: Computer Aided Design



CAM: Computer Aided Manufacture

Conferous trees - Trees stay evergreen all year round. - Conferous trees will grow at a faster rate. - Trend to have receives pather than leaves leafed trees. - Trend to have receives pather than leaves leafed trees. - Trend to have receives pather than leaves leafed trees. - Trend to have receives pather than leaves. - Hardwood trees tend to be slow growing broad leafed trees. - Hardwood trees tend to be slow growing broad leafed trees. - Fibreboard. - Laph quality board node by pulping wood flores and dues conserving then greatly as very support wood flores and dues conserving then greatly as very support wood flores and dues conserved to greatly facility. - Exy powers with - Suble and unit on strength - Summer Winner Examples of Flardwoods Pine Used in house hold in house hold flare in the first part of the greatly greatly the greatly greatly the greatly greatly to greatly greatly for first greatly for first greatly for first greatly for first greatly greatly for greatly greatly greatly for greatly greatly greatly for greatly greatl

Laser cutter

Laser cutting works by directing the output of a high-power laser The focused laser beam is directed at the material, which then cuts the material leaving an edge with a high-quality surface finish. In school we mainly cut and engrave on Plywood and Acrylic

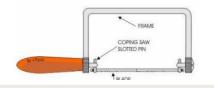


Saws

Tenon SawFor straight lines

Coping SawFor cutting curves





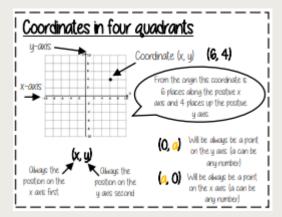
Knowledge Goals: Materials

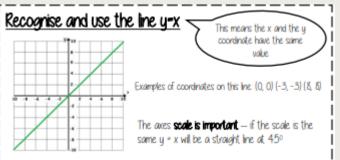
	Half Term 2: Tier 3 Vocabulary			
#	Key word	Definition		
1	Product Analysis	Investigating existing products in terms of their aesthetics, cost, customer, environment, size, safety and function to determine the advantages and disadvantages of the product as part of research		
2	Aesthetics	The look of a product e.g. the colour, theme, texture, finish etc		
3	Tessellation	A tessellation is a pattern of shapes that fit together perfectly, without any gaps or overlaps		
4	Computer Aided Design	Computer-aided design (CAD) is the use of computers to help in the creation of a design, 2D is a piece of software that can allow designs to be laser cut accurately		
5	Timbers	Timbers are different forms of wood that can be used, they are categorised into hardwoods, softwoods and man-made/manufactured boards		
6	Isometric	A design strategy which shows projection or perspective in which the three principal dimensions are represented by three axes 120° apart. They are are a good way of showing measurements and how components fit together.		
7	Scale Drawing	A drawing that shows a real object with accurate sizes reduced or enlarged by a certain amount (called the scale).		

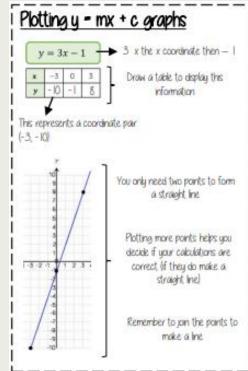
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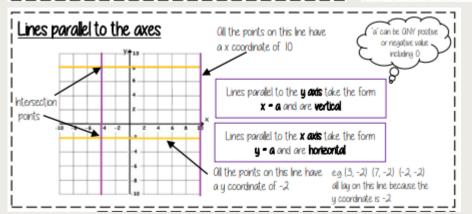
Knowledge Goals: Maths

Unit 8 – Coordinates and graphs	\$	
Topic	Video	Resource
Solving simple problems on a coordinate grid	Watch this	Complete Q1 and 2 Check your work
Calculating midpoints and end points from a diagram/two coordinate points	Watch this	Complete Q1 and 2 Check your work
Identifying the equations of horizontal and vertical lines	Watch this	Complete Q1 and 2 Check your work
Using a table of values to plot graphs of simple linear functions	Watch this	Complete Q1 & 2 Check
Identifying the y intercept of a linear graph from the equation/graph	Watch this	Complete Q2 Check
Interpreting the gradient of a linear graph and identify it from the equation	Watch this	Complete Q1&2 Check
Using the form y = mx + c to identify parallel lines	Watch this	Complete Q1&2 Check
Reading and interpreting real life linear graphs	Watch this	Complete Qus1&2 Check





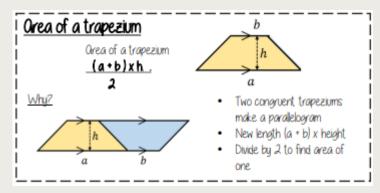


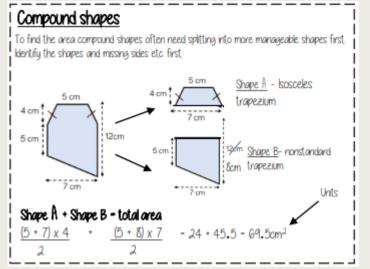


Knowledge Goals: Maths

Unit 9 – Perimeter and Area		
Topic	Video	Resource
Converting between metric measures	Watch this	Complete Q1,2&3 Check here
Compare/order measures of length including when the units are different	Watch this	Complete Q8&9
Find the missing length of a shape when given the perimeter	Watch this	Complete Qs1,2 Check here
Find the area of rectangles	Watch this	Complete Q1&2 Check here
Find the area of compound shapes made from rectangles	Watch this	Complete Q1&2 Check here
Calculate the area of parallelograms and triangles.	Watch this	Complete Q1&2
Calculate the area of a trapezium.	Watch this	Complete Q1&2
find the missing length of a shape when given the area.	Watch this	Complete Q5
Calculate the area of more complex compound shapes.	Watch this	Complete Q3&4







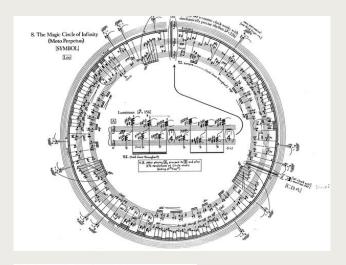
Knowledge Goals: Maths

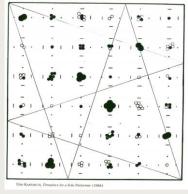
	Term 2: Tier 3 Vocabulary			
#	Key word	Definition		
1	Coordinate	Set of values that show an exact position		
2	Origin	(0,0) on a graph. Point where x and y axes meet.		
3	Parallel	Lines that never meet.		
4	Gradient	Steepness of a line.		
5	Intercept	Where lines cross		
6	Area	Space inside a 2D object		
7	Perimeter	Length around the outside of a 2D object		
8	Metric	A system of measure eg mm, cm, m, km for length		
9	Compound shape	A shape made up of a number of different shapes		

Notes:	
	•••••

Knowledge Goals: Music – Graphic Scores

	Half Term 4: Tier 3 Vocabulary			
#	Key word	Definition		
1	Graphic Score	A score which uses images, symbols and shapes, not traditional notation.		
2	John Cage	An important minimalist composer who used alternative notation.		
3	Prepared Piano	A piano which has been adapted to change its sound.		
4	Rhythm	Different note and rest lengths organised to make interesting patterns.		
5	Avant Garde	New and experimental ideas and methods in art, music, or literature.		
6	Abstract	Music that is not explicitly "about" anything		





Why did Cage use graphic scores?

"Thunderstorm" a graphic notation composition by Alex Chorley, age 12 - YouTube

How has this student used graphic scores?

Knowledge Goals: Music – Graphic Score

Kandinsky

Wassily **Kandinsky** was a Russian artist born in 1866. He was unique because he saw colours



when he heard music, and heard music when he painted. How cool is that? What could he hear when he painted his

Concentric Circles?



He used colour, lines, shapes and texture to create a visual experience that represented rhythm, melody and emotion

He believed that yellow sounded like a trumpet and a triangle was aggressive!



What does this sound like?



This painting is called Composition VI

A graphic score is a different way of writing a piece of music. Instead of the standard lines and spaces on the stave to indicate pitch (see Playing and Reading 2), symbols can be used. Symbols, colour and pictures might also indicate the volume, the instrument, the style, the texture, the timbre—it's up to you



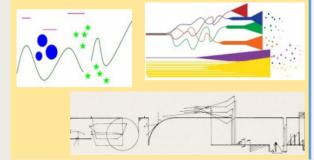
The direction of the lines above might indicate a tune that starts high and gets lower, it might be interpreted as a bang, a crescendo, a staccato tune that rises...

Graphic scores might be described as a guide to the music or a music map. They can be played by anyone of any standard on any instrument

Graphic scores do not follow rules. They are all completely different. Every composer and performer makes up their own rules!

If two children read and interpreted the same graphic score, the two performances would probably sound completely different but the two children will be following the same instructions

How might you interpret these scores?



Crescendo	Music gradually becoming louder.
Staccato	Sounds are jumpy and very short
Volume	This refers to the dynamics—how loud or soft the music is
Texture	How many sounds can be heard playing at any one time. The texture might be thick or thin

Iannis Xenakis – "Pithoprakta"

https://www.youtube.com/watch?v=nvH2KYYJg-o

Dopamine

The rewarding chemical

- Completing a task
- · Doing self-care activities
- · Eating food
- · Celebrating little wins



· Hugging your loved ones

- Playing with a dog
- Playing with a baby
- Holding hands

Oxytocin

The love hormone



Serotonin

The mood stabilizer

- · Sun exposure (be sun safe)
- Meditating
- Running
- · Being in nature

Endorphin

The pain killer

- Laughing
- Excercising
- Dark chocolate
- · Essential oils



07

Why is genuine friendship important?

- Genuine friends are useful for dividing sorrows, thereby lessening the pain.
- They are also useful for multiplying joys, thereby increasing the pleasure for all involved.
- Genuine friends are useful for helping you get things done, by making the load lighter.
- They are there when you need them, and leave you alone when you need solitude.
- Genuine friendship is the foundation for all personal relationships, including marriage and the relationship with God.

Knowledge Goals: PDev

VOCAB

frenemy

a person who seems to be a close friend but is a rival



Everyone has frenemies. It's what makes the world go round. They seem like the best of friends but actually they're frenemies. We're frenemies. She'd stab me in the back given the chance. He's not my friend. Far from it! In actual fact, he's a frenemy.





FRIENDSHIPS REAL VS. TOXIC

- ✓ THEY CALL YOU JUST BECAUSE THEY MISS YOU
- IT'S OKAY TO BOTH HAVE OTHER FRIENDS
- THEY ARE ALWAYS
 THERE TO SUPPORT YOU
- ✓ A SECRET IS SAFE WITH THEM
- THEY SHOW YOU KINDNESS AND EMPATHY
- JUST THE WAY YOU ARE
- YOU CAN VENT TO THEM AND THEY LISTEN

- THEY CALL YOU WHEN
- THEY DON'T LIKE YOUR OTHER FRIENDS
- THEY DON'T CARE IF YOU SUCCEED OR NOT
- YOUR SECRETS TO OTHERS
- SOME THINGS THEY SAY
- THEY TRY TO CONTROL OR WANT TO CHANGE YOU
- THE CONVERSATION IS ALWAYS ABOUT THEM

fcarevisuals 🗶 @just

Knowledge Goals: PDev

	Half Term 4: Tier 3 Vocabulary			
#	Key word	Example		
1	Frenemy	Someone who pretends to be your friend, but who doesn't act in the way genuine friends do.		
2	Toxic friendship groups	A group of friends you may not like, or want to be with, but you are scared of what might happen if you try to leave the group.		
3	Genuine friendships	These last for years and are based on mutual respect and are people who make each other feel good about themselves.		
4	Family	A group of close people, usually related, who choose to live together as a unit. There are many different types of family.		
5	Dopamine	a very powerful chemical released when you are 'in love' that makes you happy and excited to be around the person you fancy.		
6	Infatuation	being so in love with someone that they are all you can think about and talk about. This stage doesn't last more than a few weeks usually.		



Knowledge Goals: PE



Badminton

- □ Serving I am able to hold the racket using the correct grip for a forehand + backhand serve
- ☐ The Clears To be able to shadow the correct movement and hit the shuttle using an overhead shot, with a forehand grip
- ☐ The Drop Shot I can perform a mid court rally with a partner, using overhead shots
- ☐ The Smash I can hit the shuttle with power in a downward direction using no net
- □ Net Play- I can hit the shuttle softly over the net
- ☐ Game Play I understand which court lines are used for singles and doubles.



Hockey

- ☐ Ball Control I can identify the different parts of the stick and how to hold the stick correctly.
- ☐ Passing I can execute the sweep pass introducing power and speed but often make mistakes in the accuracy of the pass.
- ☐ **Dribbling** I can dribble the ball on my forehand side quickly. I can also dribble the ball in a zig zag pattern on the forehand side but sometimes lose control of the ball.
- ☐ Tackling I understand the rules associated with tackling.
- ☐ Game Situations At restarts, I can pass the ball to my own players or when receiving attempt to move to get free from defenders.

Football

- □ Ball Control I can control the ball when it comes to me using my feet while not under *pressure*.
- ☐ Passing I can pass the ball with some accuracy using my inside foot while not under pressure over a short distance.
- □ **Dribbling** I can dribble with the ball with some control over a short distance.
- □ **Defending** I can successfully tackle an opponent in a 1v1 situation.
- □ Shooting I can shoot from close range with some accuracy □ Performance I can perform a 6 balance routine using the inside of my foot.
- ☐ Game Situations I understand the importance of getting into space to make myself available for a teammate.



Netball

- ☐ Passing I am able to chest pass the ball to a partner using the correct technique. I am also able to shoulder pass to a partner with less accuracy.
- ☐ Footwork I can recognise which foot I am allowed to move when I have caught the ball and which one I need to keep still.
- ☐ Attacking skills I am able to move in to a space and catch a ball in a closed skill situation.
- ☐ Defending skills I am able to shadow a player in a closed skill situation.
- ☐ Games Situations I can identify all 7 positions on the court.

Gymnastics

- ☐ Floor I can perform simple movements and balances, rolls and jump movements and include these in a sequence, holding them for 5 seconds with tension.
- ☐ **Jumps** I can recognise the correct take off technique. Perform flight movements (tuck) from the bench and springboard.
- ☐ Apparatus I can take off a springboard or trampette with two feet and squat onto a box.
- showing tension and extension.





Rugby

- ☐ Evasion/Support Play I can run with the ball and step out of the way of a defender using a lot of space as part of a conditioned drill, working out methods to get past the defence. Demonstrating the 1st 'principle of play' – go forward.
- ☐ Passing & Catching I can pass the ball to a teammate whilst moving slowly forward. I can perform the pop pass whilst moving.
- ☐ Tackling/Defensive Strategies I can perform a side tackle from my knees or front tackle from crouching.
- ☐ Rucks & Mauls I can present the ball safely and correctly during contact.
- ☐ Game Play I can perform basic skills in a mini rugby game of 'tag' or 'touch' against players of similar standard.

Knowledge Goals: PE

Half Term 1: Tier 3 Vocabulary			
#	Key word	Definition	
1	Receiving	Getting the ball quickly into a position to execute the next skill. With good receiving players are able to set-up the next play efficiently and easily.	
2	Sweep Pass	The stick comes parallel to the ground, only to swing and hit the ball with an arclike motion.	
3	Ready Positions	Players can react more quickly and with more power to their opponent's hits. To perform a proper badminton stance, the body should be turned to face the opponent's side of the court with the non-racket leg forward and legs at a shoulder width apart	
4	Pressure/Pressing	Pressing is when pressure is applied on the player or the team that's in possession. It's a skill used in all areas of the pitch – to win the ball back, dictate play, or delay the opposition.	
5	Possession	Control of the ball or other implement of play by one team, which typically gives that team the opportunity to score	
6	Tension	Gymnasts can control the action of their body more easily when their body is held tight than when it is a loose collection of individual parts	
7	Extension	pointing toes and fingers, keeping the head up and making the limbs long.	
8	Kick offs/Restarts	Kick-offs are used to start each half of the match or period of extra-time. Restart kicks are used to resume play. 22-drop out	
9	Off-loading	An off load is when a tackled player passes the ball to a teammate before the tackle is completed.	
10	Scrum	The scrum is a means of restarting play after a stoppage which has been caused by a minor infringement of the Laws (for example, a forward pass or knock-on)	

Notes:







Badminton

Football

Hockey





Netball

Rugby Union

Knowledge Goals: Physics – Energy costs

Power is the rate of energy transfer.

Power is measured in units of watts (W).

1 watt us 1 joule used each second.

energy shifted = power × time

Energy is in joules (J) Power is in watts (W)

Time is in seconds (s)

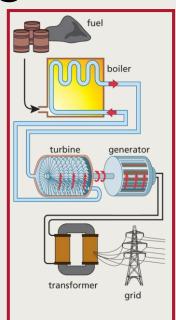
Energy stores

elastic chemical kinetic gravitational thermal electrostatic magnetic nuclear

- There are not different types of energy.
- Energy can be stored and shifted from one store to another.
- Energy can be dissipated (shifted into the thermal store as non-useful energy).

Energy is shifted between stores in one of 4 ways:

- mechanical work an object moving due to a force acting on it
- electrical work charges moving due to a potential difference
- heating by particles energy shifted from a hotter object to a colder object
- radiation energy transferred as light.



<u>Power stations</u> in the UK burn coal, natural gas, and biomass.

- Fuel is burnt in a furnace to heat water in the boiler.
- The water turns to steam; this turns a turbine.
- The **turbine** turns a **generator** which generates electricity.
- © Fossil fuels are reliable and produce lots of electricity.
- © Fossil fuels are non-renewable.
- ☼ Fossil fuels release carbon dioxide and contribute to climate change.
- © Fossil fuels produce pollutants; sulfur dioxide, nitrogen oxides, and particulates.

Understanding electricity bills

- The amount of electricity used in a home is measured in a unit called kilowatt-hours (kWh) by an electricity meter.
- The standing charge is a fixed daily charge for having a connection and does not depend on the amount of energy used.



units = power in kilowatts x time in hours

Energy is in kilowatt-hours (kWh) Power is in kilowatts (W) Time is in hours (h)

Fossil fuels

- Fossil fuels include coal, crude oil and natural gas.
- Formed from dead animal and plant material over millions of years.
- Contain a lot of energy (high energy density), which is released when they are burnt.





Renewable resources

- © No carbon dioxide released.
- © May be free to use (wind and Sun).
- © Equipment may be expensive (e.g. building wind turbines at sea).
- © Can be unreliable (e.g. wind depends on the weather / solar depends on time of day and the season).



Energy and power

- The power rating of an appliance tells you how much energy is transferred per second **the rate** of energy transfer.
- Devices such as kettles and ovens have a high-power rating which means they cost more to run.
- You can calculate the cost of using an appliance at home using the equation
- cost = units used × price per kWh

Knowledge Goals: Physics – Energy costs

Half Term 4: Tier 3 Vocabulary				
#	Key word	Definition		
1	power	The rate of energy transfer; how quickly energy is transferred by a device. Measured in units of watts (W).		
2	energy resource	Something with stored energy that can be released in a useful way.		
3	non-renewable	An energy resource that is finite and cannot be replenished once it has been used. Examples are natural gas, coal, and uranium.		
4	renewable	An energy resource that can be replaced and will not run out. Examples are solar, wind, waves, geothermal and biomass.		
5	fossil fuels	Non-renewable energy resources formed from the remains of ancient plants or animals. Examples are coal, crude oil, and natural gas.		
6	energy density	The amount of energy per gram in food.		
7	dissipated	Energy shifted to non-useful stores in the surroundings.		
8	finite	A resource that can be used up much more quickly than it can be made is fintite and will eventually run out.		

Notes:				



Knowledge Goals: Year 7 Buddhism

Buddhism is one of the world's major religions. It is the world's 4th largest religion, with about 520 million followers.

Buddhists are the people who follow Buddhism. They follow the teachings of a man named Siddhartha Gautama, who became known as the Buddha

The religion began when Gautama, a prince who had lived a life of luxury, realised that there was suffering in the world, and committed himself to understanding why.

This happened in India around 2,500 years ago.

The holy book in Buddhism is called Tipitaka. Buddhist Temples are buildings designed for Buddhist worship.



Buddhist Beliefs

Siddhartha Gautama's Story

- -:
 - -Siddhartha was a rich prince of an area north of India. His mother and father treated him well, and protected him from the suffering in the world.
 - -As a young man, Siddhartha left the palace for the first time, and was upset by the things that he saw old age, sidness and death. He decided to leave his comfortable life to see if he could find an answer to the suffering.
- -After many years of trying, he sat under a tree (the Bodhi tree) by a full moon and started meditating. In doing this he became Enlightened he saw the meaning in all things. He was then known as the Buddha.

The Four Noble Truths

- -The Buddhist teachings are known as Dharma. They include the Four Noble Truths and the Eightfold-Path.
- Buddhism's Noble Truths are:
- 1.Life always involves suffering (dukkha).
- 2. Suffering happens because people are greedy and never satisfied with what they have.
- 3. Greed and selfishness can be overcome.
- 4. The way to overcome them is to follow the Eightfold Path.



The Eightfold Path

Siddhartha created a way of life which ensured that his basic needs were covered, but didn't require any extra comforts. Buddhists try to live following the Eightfold Path: 3.

- 1.Right viewpoint
- 3. Right speech
- 5. Right livelihood
- 7. Right concentration

- 2. Right values/ thought
- 4. Right actions
- Right effort
- 8. Right mindfulness

Answers to Important Questions and Key Vocabulary

Where and how do Buddhists worship? Why?

What is the

Tipitaka?

Where do most

Buddhists live

in the world?



- -Buddhists worship either in temples or at home, often sitting or kneeling facing a shrine of Buddha.
- -They may listen to monks reciting religious texts, take part in chanting, or meditate.
- -Buddhists hope to achieve Enlightenment. They believe that there is a cycle of birth, life, death and rebirth. If a person gains Enlightenment (like the Buddha) they can break out of this cycle, to a place of eternal peace that is known as 'Nirvana.'
- -The Tipitaka is believed to be Buddha's teachings. It is written in an ancient Indian language known as Pali. It is a very large book, that takes up about forty volumes when translated into English! The Tipitaka is made up of three sections of wisdom.
- -About 7% of the world's population are Buddhists.
- -China has the most Buddhists about 250 million Buddhists live there.
- -However, Cambodia has the highest proportion of Buddhists about 97% of its population are Buddhists. There are also lots of Buddhists in Thailand, Sri Lanka, and Japan.
- -Many Buddhists in the far east devote their lives to Buddhism, living in isolation in temples.
- -Buddha's teachings spread far across the Asian continent. As it spread, different peoples formed their own approaches of Buddhism.
- -The three main types are called Theravada, Mahayana and Tibetan Buddhists.
- -Although they differ slightly, they all still keep the basic features of Buddhism.

How many different types of Buddhists are there?

Top 10 Facts!

- Buddhists don't believe in a God who made the world and everything in it.
- . Siddhartha's family were Hindu.
- 3. The lotus flower is an important symbol in Buddhism. It is a symbol of enlightenment.
- 4. The name 'Buddha' means 'the enlightened one' or 'the one who knows.'
- 5. Some Buddhists have shrines at home where they are able to worship.

- 6. The teachings of Siddhartha Gautama were not written down until about 400 years after his death.
- 7. Siddhartha Gautama died around age 80.
- 8. 'Puja' is the name for worship in Buddhism. People often light candles as they worship.
- In images of Buddha, faces are always made to look calm and serene, to show that he has a peaceful mind.
- 10. Wesak is an important festival in Buddhism.





Knowledge Goals: Year 7 Buddhism



Term 3: Tier 3 Vocabulary		
#	Key word	Definition
1	Buddha	A being that has completely abandoned all delusions. Buddha means 'Awakened One'
2	Dhamma	Buddha's teachings
3	Dukkha	Pain, suffering, disease and disharmony
4	Eightfold Path	A summary of the path of Buddhist practices leading to liberation from Samsara.
5	Nobel Truths	These are the four teachings that form the essence of Buddha's teachings. He realised these truths while meditating under the Bodhi tree.
6	Samatha	Practicing single-pointed meditation through mindfulness of breathing in order to calm the mind and its 'formations'.
7	Sangha	Translated as 'community' and referring to the Buddhist community of monks, nuns, and novices.
8	Tipitaka	The earliest collection of Buddhist scriptures. It contains the texts with the strongest claim to being the words of the historical Buddha
9	Vispassana	Meditation practiced in Theravada Buddhism that involves concentration on the body or its sensations.
10	Wesak	Also known as Buddha Day, it commemorates the birth of the Buddha-to-be, Siddhartha Gautama.

Notes:		
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•••••		

Knowledge Goals: Spanish

En mi casa

Estudiamos.

Comemos en el

comedor.

Escuchamos música

en el dormitorio.

Hablamos con mamá

en la cocina.

Leemos libros en

vemos la televisión

en el salón.

Mi dormitorio

En mi dormitorio

un armario

un equipo de

música

un ordenador

una alfombra

una estantería

una lámpara

una cama

una mesa

una puerta

una televisión

una ventana

Las preposiciones

una silla

pósters

encima de

hay ...

el jardin.

Palabras

Los paises /Donde vives? Vivo en ... Vive en ... Vivimos en ... Viven en ...

Alemania Escocia España Francia Gales Grecia Inglaterra Irlanda Italia Portugal

Mi casa ¿Vives en una casa o en un piso? Vivo en una casa. Vivo en un piso.

¿Dónde está? Está ... en el campo en la montaña en la costa en una ciudad

en un pueblo ¿Cómo es tu piso? Es ...

antiguo moderno bonito feo nuevo vielo pequeño cómodo grande

Countries Where do you live?

to live I live in ... He/She lives in ... We live in ... They live in ...

Germany Scotland Spain France Wales Greece England Ireland Italy Portugal 1

My house Do you live in a house or a flat? I live in a house. I live in a flat.

Where is it? in the countryside in the mountains on the coast in a city/town in a village

What's your flat like?

old(-fashioned) modern pretty ugly пеш old small comfortable big

¿Cómo es tu casa? Es ...

antigua moderna bonita fea

nueva vieja pequeña cómoda grande

Las habitaciones Qué hay en tu casa/piso? ¿Qué hay abajo?

¿Qué hay arriba? ¿Qué hay fuera?

Hay ... un comedor un cuarto de baño un aseo un pasillo un salón una cocina

un dormitorio un garaje un jardin una terraza el dormitorio de

mis padres el dormitorio de mi hermano

What's your house like old(-fashioned)

modern pretty ugly new old small comfortable

Rooms

What is there in your house/flat? What is there downstairs? What is there upstaires What is there outsides There's ...

a dining room

a bathroom

a toilet

a corridor

a kitchen

a bedroom

a living room

a garage a garden a terrace

my parents' bedroom my brother's bedroom

a la derecha de debajo de delante de al lado de detrás de entre

a la izquierda de a la derecha del armano al lado de la cama en las paredes

Prepositions to the right of to the left of under in front of beside behind

between to the right of the wardrobe beside the bed on the walls

En mi dormitorio ¿Qué haces en tu

We eat in the dining We listen to music in the bedroom. We talk to mum in the kitchen. We read books in the

garden. We watch television in the living room.

My bedroom In my bedroom there's ...

In my house

We study.

a wardrobe a hi-fi

a computer а гиа a bed a shelf/shelves

a lamp a table a door

a chair a television a window

posters

What do you do in

dormitorio? Mando mensaies. Escucho música. Bebo Coca-Cola. Duermo mucho. Veo la televisión. Juego con el ordenador. Estudio a veces. Hablo por teléfono. Leo libros. Como bocadillos.

Palabras muy útiles siempre a veces normalmente somos

Navego por internet.

In my bedroom

your bedroom? I send text messages. I listen to music. I drink Coca-Cola. I sleep a lot. I watch television. I play on the

computer. I study sometimes. I talk on the phone. I read books.

Leat sandwiches. I surf the net.

normally

we are

Very useful words always sometimes

Estrategia

Spot the stems!

Spanish verbs can seem very complicated, because they have a lot of different endings. You'll find them easier to learn if you can recognise the first part of the verb, which usually stays the same. For example, vivo, vives, vive, vivimos all start with viv-. This is called the stem of the verb.

Here are some other stems from Chapter 4. Which verbs do they belong to?

est-

habl-

com-

Knowledge Goals: Spanish

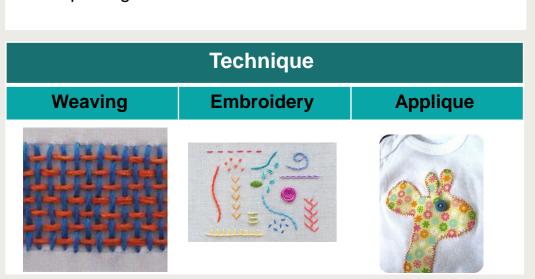
Half Term 4: Tier 3 Vocabulary				
#	Key word	Example		
1	Connective	y, pero, también, porque, sin embargo, ademas		
2	Opinion Verb	Me gusta, no me gusta, me encanta, odio, me gusta mucho, no me gusta nada		
3	Justification	porque es / yaque es / dado que es		
4	Qualifier	poco, un poco, bastante, muy, realmente, extramadamente		
5	Adjective	divertido/a, aburrido/a, grande, pequeño/a		
6	Time Phrase	normalmente, a veces, siempre, mañana		

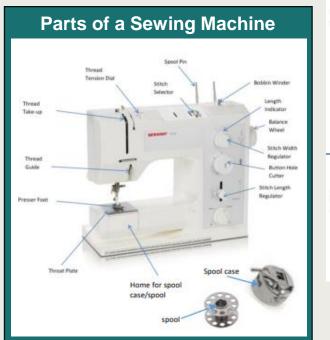
Knowledge Goals: Textiles

Health and Safety

It is really important we ASSESS the RISK and REDUCE the RISK of Injury by LISTENING To the TRAINING and following the correct PPE usage

- You must walk with scissors facing downwards next to your side
- Watch where you are sewing on the machine
- Do not press the foot pedal to the floor when using the sewing machine
- Make sure you had in Bodkin needles at the end of the lessons
- If the sewing machine makes an unusual noise, please stop using it and inform teacher







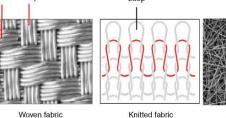


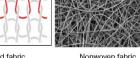




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Hand stitches



Textile equipment

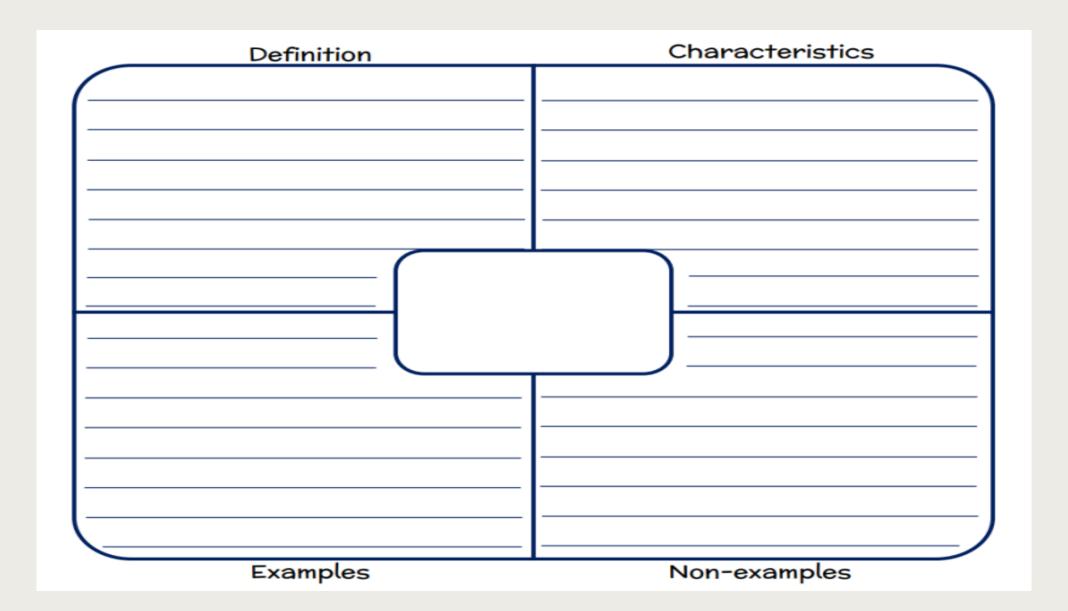


Knowledge Goals: Textiles

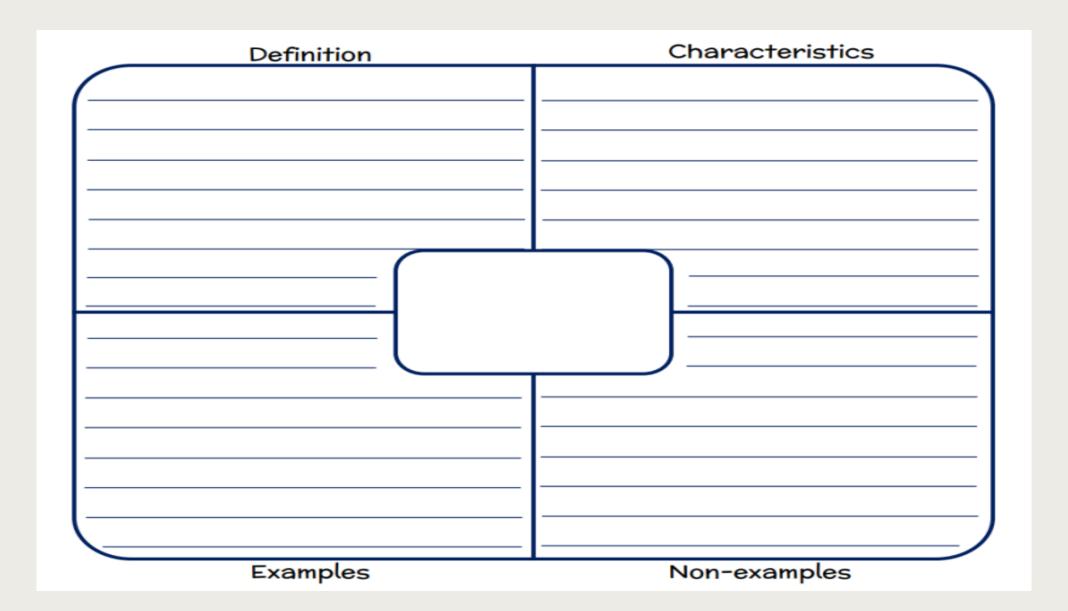
Half Term 2: Tier 3 Vocabulary				
#	Key word	Definition		
1	Properties	The qualities the fibres/material have e.g. absorbancy, resistant to abrasion, elasticity etc		
2	Natural fibres	Natural fibres come from plants, animals or insects. They are easily <u>renewable</u> and <u>biodegradable</u> .e.g. cotton, silk, wool		
3	Synthetic fibres	Synthetic fibres are made mainly from non-renewable coal and oil. They do not degrade easily but they can be made into any length (continuous filament) and thickness and for any purpose.		
4	Weft and Warp	Woven fabrics have warps and wefts. The warp runs from left to right and the weft runs 90 degrees to this. Weft yarns are woven over and under warp yarns, and where the weft yarns loop back to form an edge that doesn't fray ,		
5	Smart materials	Smart materials are materials that react to the environment around them, this could be light, temperature, pH level etc		
6	Photochromic	Photochromic is a smart material that reacts to light		
7	Applique	Layers of fabric are placed on top of other fabric in a decorative way and stitched in place		

Notes:					
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Frayer Model Template



Frayer Model Template



Frayer Model Template

