

Knowledge Organisers Year 7 – Term 1

How to complete your Knowledge Organiser Homework

Learning is an active process, just reading the information will not be enough

	Monday 9th September
	Latana,
	Maths
-	
	Geography
1 10	

Each day, in your Knowledge Organiser book, you must write the date at the top and then draw a line to divide the page in half using a ruler.

Use the top half of the page for one subject and the bottom half of the page for the other

You can use some of the techniques you have been taught;

- Look, cover, write, correct, repeat
- Mind maps
- Word Up
- Flashcards

(YouTube channel – Woodrush Online)

Key Points

- Each night you should spend 20 minute learning the information from the knowledge organisers for 2 subjects as set out in your planner
- You should also read your book each night
- You must have evidence of your work in your knowledge organiser exercise book (reading the knowledge organisers is not enough!)
- Your learning of the information will be checked in your lessons
- Your parent/carer must sign your planner each week to confirm that you have been completing your homework
- You may be given option homework to complete but this is not compulsory (but worth lots of achievement points!)







Identity

Key Terms		Features of an Autobiography			
Autobiography Culture	A book about a person's life, written by that person. The behaviour shared by a group of people. Many different things make up a society's culture such as: food, language, clothing, music, arts, customs, beliefs, and religion.		 Autobiographies are written in 1st person Writers will often talk about their family and childhood Will include stories about special or important moments in a person's life 		son's life
Effect	In a reading response, we talk about the effect of a writer's choices. This might include how it makes the reader feel,, or what meaning is created.		 Although autobiographies will be written in standard English, they may have quite a personal or even a 'chatty' tone A range of adjectives and noun phrases will be used when describing interesting details Writers will use a range of sentence types to effectively communicate their ideas Time connectives are often used when describing events in their life Writer's don't simply describe events - they will give the reader their thoughts and feelings 		
Identity	Your identity is who you are. This can include your characteristics, your beliefs, and how you spend your time.	4			
Inference	This is when you use evidence to work out the deeper meaning of what is written. This can be known as 'reading between the lines.'				
Parts of Speech		(Poetic Methods	
Adjective	A word which describes the quality of a noun. For example: She read an <u>exciting</u> book. The weather was <u>cold</u> and <u>miserable</u> .		Alliteration	Deliberately beginning 2 or more words with the same sound	The <u>f</u> urrow <u>f</u> ollowed <u>f</u> ree
Adverb	Words which give us more information about a verb; they tell us how, why, where, or when a verb is carried out. Often ends in -ly: The athlete sprinted rapidly		Metaphor Describes an object or action in a way that isn't true, but helps explain an idea or make a comparison My mind is full or Onomatopoeia A word which sounds like the song it is describing Woosh! Bang!	My mind is full of scorpions.	
Article	Definite and indefinite articles are parts of speech referring to the terms "the," "a," and "an."				Bang!
Noun	A noun is the name of a person, place, or thing.	Rh	Personification	Where a non-human object is given human attributes or qualities	The wind blew an <u>angry</u> gust through the trees
Preposition	A preposition helps to explain where something is. Examples include: On, over, in, by, under		Rhyme	This is usually at the end of each line	Twinkle twinkle little <u>star</u> How I wonder what you <u>are</u>
Verb	Every sentence must contain a verb. A verb is a word which describes an action, state, or process. Jack always <u>runs</u> to school.		Rhythm	This refers to the 'beat' of the poem.	A poem about a chaotic topic might have a more unsteady rhythm when read.
	She <u>made</u> a mess of her homework. That glass may <u>fall</u> off that wobbly table.		Simile	Where something is described by comparing it to something else using 'like' or 'as.'	Her hair stood out from her head like a crest of serpents.

English

Key Punctuation

Capital letters

Should be used at the start of every sentence Should be used for proper nouns (names, places, titles) Should be used for the words I / I'll / I'm / I'd / I've

A <u>comma</u> has many uses but its 2 most common functions are: To separate items in a list:

Julie loves ice cream, books and kittens.

I still have to buy a gift, pack the suitcases, and arrange for someone to water the plants while we're at the wedding.

To separate a main clause from a dependent clause:

If you love relaxation, this resort is the ideal choice.

Gorillas, which are large and originate in Africa, can sometimes be found in zoos.

Full Stops

A full stop should be used at the end of every sentence (unless it is a question or an exclamation)

Tense

When using verbs, you need make sure they are in the correct tense. You should also make sure you stay in the same tense when you are writing. **Present tense is for describing things as they are happening** I can hear my heart thumping in my chest

Past tense is for describing things that have already happened

My heart was thumping in my chest

My heart thumped loudly in my chest

Subject-Verb Agreement

This means that the verb used in your sentence must change depending on whether the subject is singular (one) or plural (more than one) For example, because 'l' is singular, you could say: I am running

I was running

But not: I <u>are</u> running I <u>were</u> running



SPaG

Keywords and sentence starters for reading responses

Analytical phrases you can use instead of 'this shows':

This illustrates that ...

This presents the idea that...

This therefore demonstrates...

This implies...

This reinforces the idea that...

This therefore emphasises...

As a result, this highlights...

This word connotes...

This is effective because...

By including this, the writer is communicating that...

Film-makers' methods

Mise-en-scéne is the name given to the general staging of the scene, which is everything in the shot and where it is.

Costume is what the characters wear. **Setting/set design** is the chosen location for the scene and how it looks.

Colour palette refers to the range of colours a director has used in a scene.

Props are the items characters have/use.

Framing/Composition is the name for where things are in the frame and how the director makes use of all the space within the shot.

Effect on the reader: This may/might/could...

make the reader sympathise/empathise with _____ because...

evoke a sense of anger from the reader because...

evoke a sense of sadness from the reader because...

encourage the reader to reflect on...

inform the reader that _____ which could be important because...

shock the reader. They may want to do this to ...

create a sense of suspense which would make the reader want to find out...

Speaking and Listening Tips

- ✓ Introduce your topic in a clear and interesting way
- ✓ If you are using a PowerPoint, avoid putting words on there. Instead, you could add interesting images, numbers, or Speak loudly and clearly
- ✓ Try using cue cards to write notes instead of reading your speech from a piece of paper
- ✓ Rehearse at home so you don't have to rely on reading from your paper
- ✓ Use connectives so the audience can follow what you are saying
- Use a wide range of vocabulary as well as devices such as metaphors and similes to interest the audience
- ✓ Speak about each idea in detail. Give examples to explain your ideas



Order of Operations

BIDMAS is an acronym used to tell you the correct order to complete a equation when there are different operations.

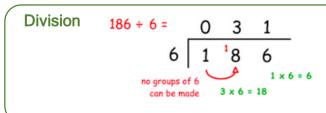
Brackets refers to any part of the equation that is in brackets. These should always be complete first.

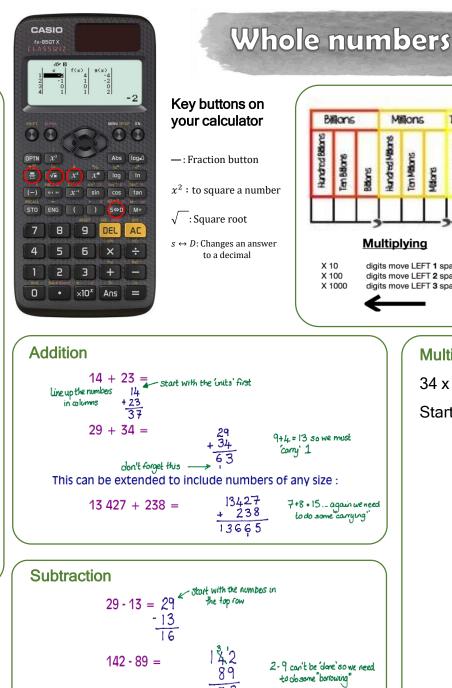
Indices simply means to the power of. For example, 3² or 5³.

Division and Multiplication: Starting from the left, work these out in the order that they appear in the equation. If multiplication appears first you should complete this before division.

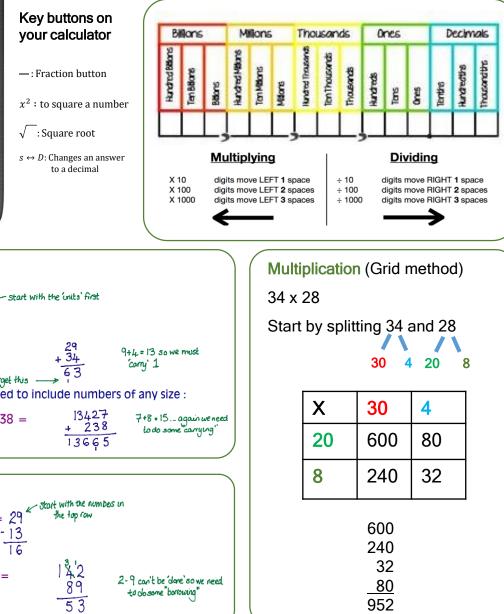
Addition and Subtraction: Also start from the left and work these out in the order that they appear in the equation. If subtraction appears before addition, you should complete this first.

В	Brackets	10 × (4 + 2) = 10 × 6 = 60
Ι	Indices	5 + 2 ² = 5 + 4 = 9
D	Division	10 + 6 ÷ 2 = 10 + 3 = 13
Μ	Multiplication	10 - 4 × 2 = 10 - 8 = 2
Α	Addition	10 × 4 + 7 = 40 + 7 = 47
S	Subtraction	10 ÷ 2 - 3 = 5 - 3 = 2





Whole numbers and Decimals





Factors and multiples

Factors

The numbers that

get a given number.

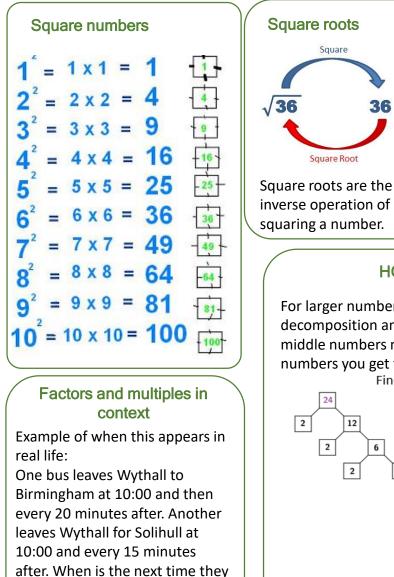
factors of 12:

(1. 2. 3. 4. 6. 12)

There will always be

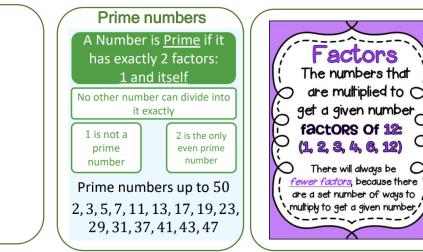
fewer factors, because there

are multiplied to O



both leave Wythall at the same

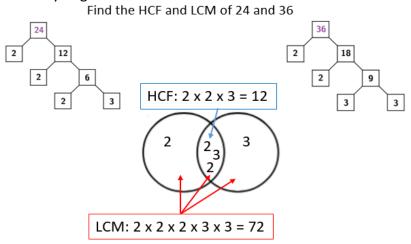
time?



HCF and LCM from prime factors

36

For larger numbers to find the HCF and LCM use prime factor decomposition and then put the numbers into a Venn diagram. The middle numbers multiplied give you the HCF, multiply all of the numbers you get the LCM



Prime factor decomposition

Multiples

The numbers you say

Owhen you skip-count

by a given number

MUltiples Of 12:

12, 24, 36, 48, 60,

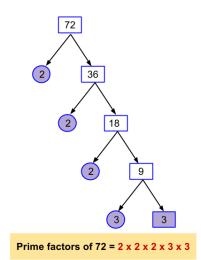
72, 84, 96, 108, etc.

There will always be

more multiples, because

numbers are infinite!

Use only prime numbers to divide until you cannot divide anymore.



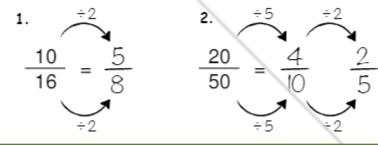


Fractions

Remember what you do to the top you must do to the bottom!

Simplifying fractions

You need to identify a common factor of both the numerator and the denominator and divide them both by the same number. Keep going until you cannot find a common factor.



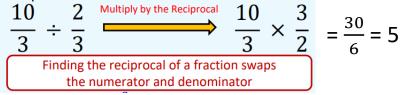
Multiplying fractions

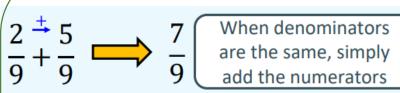
When you multiply fractions just times the numerators and the denominators!

 $\frac{2}{3} \xrightarrow{\times} \frac{5}{7} = \frac{10}{21}$ Multiply across the top and bottom

Dividing fractions

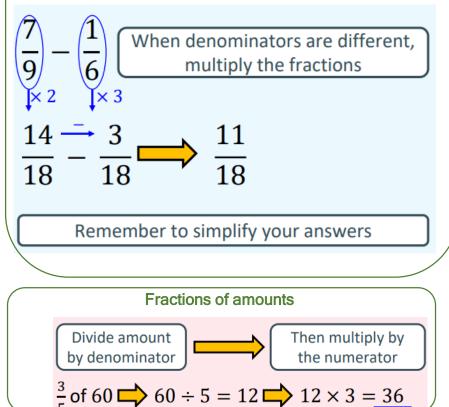
To divide fractions, keep the first one the same, change the divide to a multiply and flip the second fraction





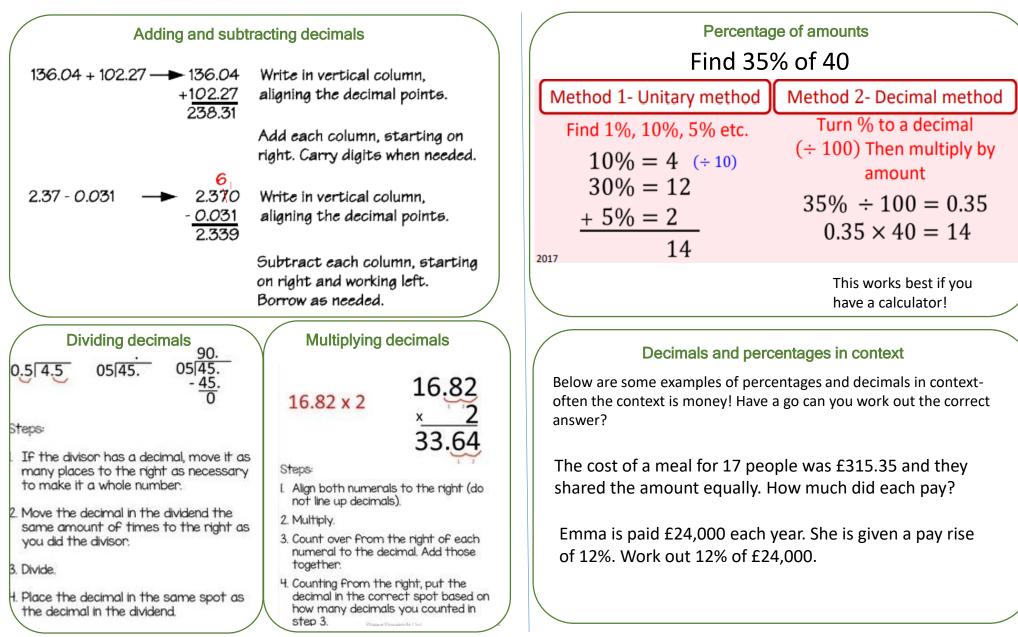
Adding and subtracting fractions

When the denominators are different you need to find a multiple that they both have. Once you have found a common multiple multiply the whole fraction to get the denominators the same!



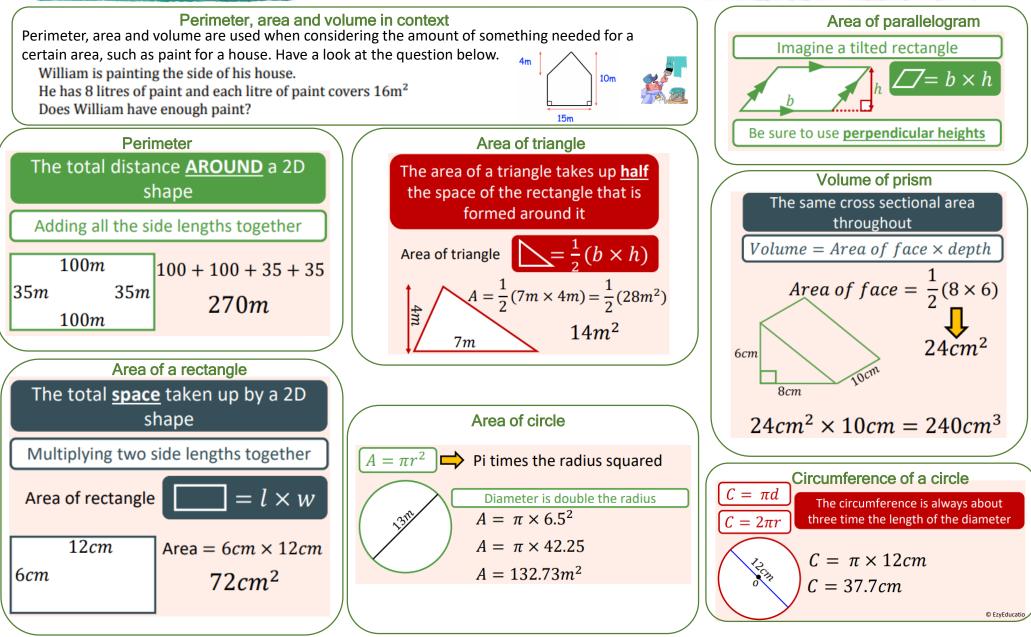
MATHS

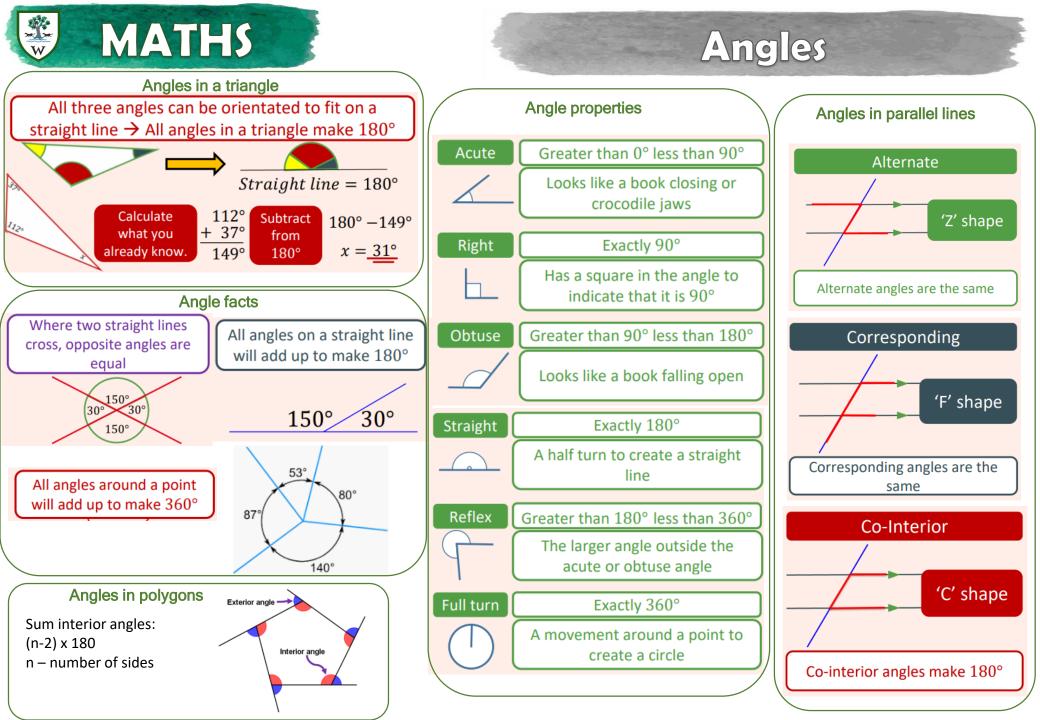
Decimals and percentages



MATHS

Perimeter, area and volume





SCIENCE

B1 Cells

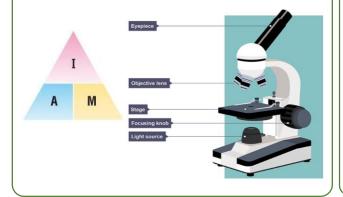
Microscopy

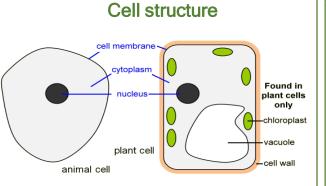
Microscopes are used to magnify things that are too small to observe with the human eves.

Magnification is how much bigger an object appear compared to its real size.

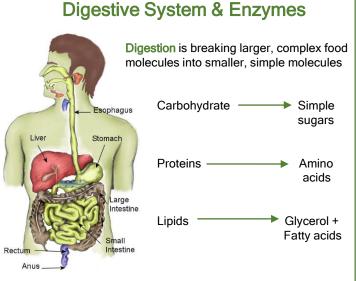
Resolution is the ability to see fine detail clearly

Total magnification = Eye piece lens x objective lens





Organelle	Function	
Nucleus	Contains DNA	
Cell membrane	Controls what enters/exits	
Chloroplast	Where photosynthesis occurs	
Mitochondria	Where respiration occurs	
Cytoplasm	Cellular reactions occur here	



Physical/Mechanical digestion is when large pieces of food are physically broken up into smaller pieces.

Chemical digestion is the break down of food using enzymes & acid whereby a new chemical substance is formed.

Variation & inheritance

Variation means differences in characteristics.



MRS GREN Movement Respiration

- S Sensitivity
- G Growth

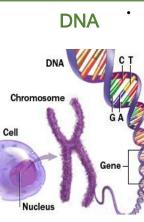
Μ

R

- Reproduction R
- Е Excretion
- Ν Nutrition

Unicellular organism =is a living thing that is just one cell eg bacteria and yeast

Multicellular organism = is an organism with more than one cell eg animals and plants



DNA (deoxyribonucleic acid) is found in the nucleus of cells

It is stored in tightly coiled up structures called chromosomes

When chromosomes are unwound, it reveals a structure of DNA called a **double helix**

The double helix has a sugarphosphate backbone and bases in the centre

Inherited variation is differences due to genetics passed on from parents.

Environmental variation is differences due to the environment that the organism has developed in.

Continuous variation is a characteristic that changes gradually over a range of values.

Discontinuous variation is a characteristic with only a limited number of possible values



C1: The Particle Model

Key Term	Definition		ds, liquids + gases - Part	ticle model
Dissolve	The process of a solid mixing with a liquid to make a solution	Solid Melting		aporating indensing
Solute	The solid substance that dissolves in the liquid	Particles: Close, regular Pattern	articles: Close, but free to move	Particles: Spread out, free to move
Solvent	The liquid in a solution		<u>Properties:</u> Flow, fixed olume, no definite shape	Properties: No fixed shape or volume
Solution	The solute and the solvent mix to form a solution		/stallisation : Separates a	Distillation: Separates liquids
Insoluble	Describes a substance which can't dissolve	insoluble solid from a liquid so		out of mixtures
Pure	Made up of just one substance	Filter paper	Mixture Wire Gauze Tripod stand Bunsen Burner	
Mixture	Made up of more than one substance	Example: Separate sand +		
Chroma- tography	A process where a spot of a mixture is separated into spots of it's components to be identified	water Products: Residue (Solid left on the filter paper) + Filtrate (Liquid that passed through the filter)	ample: Separate salt + ter oducts: Crystals of the uble solid (can be ered). The liquid will aporate.	Example: Separate water out of orange juice Products: Distillate (the liquid with the lowest boiling point) in collection beaker + everything else left in the flask

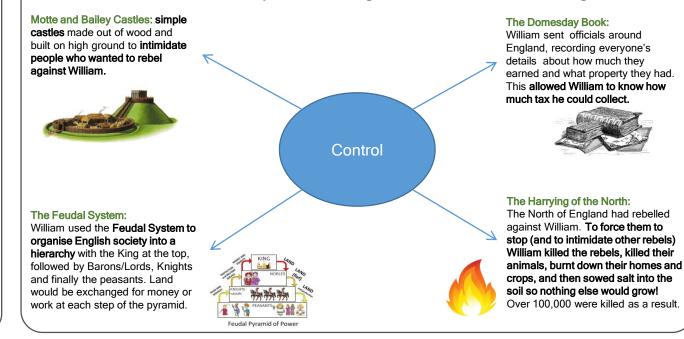


The Norman Conquest

Key Terms:

Hierarchy	A system where a few people at the top have a lot of power, while the people at the bottom have the least.
Feudal	The hierarchy that William put into place.
Conquest	A successful invasion of a country i.e. William became known as William the Conqueror.
Тах	Money collected off the public to be used by the government.
Heir	The next person in line to the throne.
Monarch	Another word for the king or queen.
Reign	The amount of time a King or Queen is in power for.
Normandy	The area of France where William was from.

How did William keep control of England after the Battle of Hastings?



Edward the Confessor:



Edward was King of England from 1042 until 1066- he was known for his religious lifestyle and beliefs (this is why he was known as the confessor). People believed that his touch could cure them of disease. When the Vikings invaded England in 1013, Edward and his family ran away to Normandy where he stayed for 25 years! He was only allowed back into the country in 1041 and became King the year after- he faced a number of rebellions throughout his reign though, including from Harold Godwinson.

Harold Godwinson:

Harold Godwinson was Edward the Confessor's brother-in -law. He became King of England after his death. He was an experienced warrior and could also be brutal (he had chopped the head off a Welsh leader in the past). His family was one of the most powerful in England. 15 years before, Harold's family had tried to take over England from Edward but they had lost. Godwinson defeated Harald Hardrada at Stamford Bridge before being killed at the Battle of Hastings.

Key People:

William, Duke of Normandy:

Ruled an area of France called Normandy. He could be brutal- he had ordered 30 townsmen to be skinned alive! William's parents were not married so he was not a legitimate (legal) heir. He wanted to be King of England after Edward and claimed that Edward had promised him the crown of England when he died. He invaded England when Harold Godwinson became king and took the crown at the Battle of Hastings.

Harald Hardrada:



England had been ruled by Vikings up until 1042 when Edward the Confessor took the throne. The Vikings said they were the real Kings of England. Harald Hardraada was next in line to the Viking throne. At the age of 51, he was the most famous soldier of the age. His name means 'hard ruler' and he was nicknamed 'The Ruthless,' The people in the north of England supported him. When Godwinson became King after Edward died, Harald Hardrada invaded England and was killed at the Battle of Stamford Bridge

Science

Isaac Newton discovered the rules of forces in 1681

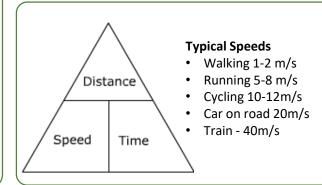


P1 Forces

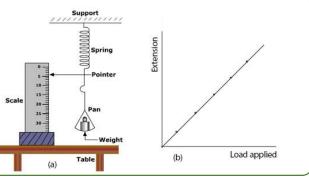
Keyword	Definition
Contact force	Force that can only acts when two objects are in contact
Non- contact force	Force that can act when two objects are not in contact
Newton	Unit of force.
Newton meter	Equipment used to measure the force on an object
Friction	Contact force caused by 2 objects rubbing against each other. Causes loss of energy as heat
Drag	Drag is a frictional force that acts when an object moves through a fluid.
Gravity	Gravity is an attractive force caused by objects with mass.
Mass	Amount of matter – measured in kg
Weight	The force of gravity on a mass – measured in N.
Upthrust	Force on an object when placed in a liquid
Density	Density = mass / volume
Tension	Force that acts when an object is stretched
Hooke's Law	Extension is directly proportional to force applied, provided the elastic limit is not exceeded.
Poles	Ends of a magnet. Magnets have a N and a S pole. Like poles repel, opposite poles attract.
Magnetic field	Created by magnets. Other magnets and magnetic materials feel a force in a magnetic field.
Speed	Speed = distance / time. Unit = m/s
Force diagrams	Show direction and size of forces acting on an object.
Pressure	Pressure = force / area. Bigger area = less pressure, smaller area = more pressure.
Levers	Simple machines that can allow small forces to move heavy loads
Distance Time Graph	Show the distance an object has moved in a time period. The gradient = the speed.

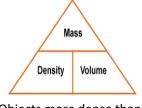


- Force diagrams show all the forces on an object.
- Forces are vectors the arrow shows the direction and the length shows the size of the force.
- Hooke's law force is directly proportional to force applied – providing the elastic limit is not exceeded.
- When stretched beyond the **elastic limit** a material is permanently deformed.



- Magnets create magnetic fields.
- Magnetic fields are drawn going from N to S pole.
- Arrows show direction-
- Density of lines shows/ the strength.
- Magnetic fields get weaker with distance.
- Iron, cobalt and nickel are the only 3 magnetic metals.





- Objects more dense than liquid sink.
- Objects less dense than water sink.

History

Medieval Life

Life in Medieval England:

In the Middle Ages nearly everyone lived in a village. There were no shops in these villages and villeins (the people who lived in the village) could only go to the nearest town if the lord of the manor let them.

Each village was surrounded by 3 open fields. They had no fences or hedges in them. Everyone got a share of the land in the village. Each year one of the fields was left fallow. This meant that no crops were grown in it to help the soli recover. Animals would be allowed to graze there, the droppings acting as fertilizer.

Magna Carta

Causes of the barons' revolt

King John spent ten years raising taxes for a war in Normandy with France. The barons did not support this. John lost the war and ran up huge debts.

John increased taxes and did not consult the barons on important issues. The barons were angry with John. In April/May the barons took up arms against the King, led by Robert FitzWalter. They marched on London, Lincoln and Exeter, which all fell to the barons and the rebellion grew in size. The barons issued a royal charter of demands which John was forced to accept on the field of Runnymeade on 15th June 1215. This became known as the MAGNA CARTA.

Some of the key terms of this were:

- It promised the protection of church rights
- The King could not sell justice.
- Protection from illegal imprisonments
- All people were to be tried by jury.
- · New taxation only with the consent of the barons
- The King could not sell justice
- A council of 25 barons would be set up to ensure that the King was respecting the rights and the laws of the charter.

The charter defined that a formal relationship should exist between the monarch and barons. The king was now subject to the law. These were radical ideas!



Key Terms:

Toty forme.			
Bubonic Plague	The more common Plague that was carried in the bloodstream of rats. Fleas bit the rats and become infected. They then hopped onto humans, bit them and passed on the disease.		
Pneumonic PlagueThis was more deadly. It was caught by breathing in the germs when an infected person coughed or sneezed. They would cough up blood and their lungs rotted inside them.			
Freeman These people paid rent to the lord to farm their land, but they weren't 'owned' by the Lord, and could come and go as they pleased.			
Villein They were Medieval peasants who were 'tied' to the Lord's land. The had to farm their own land and the land of the Lord, and they had to the Lord's permission to do things like get married or leave the villag			
King John (1199-1216)	Brother of the popular King Richard I, who died shortly after his return from the 3rd Crusade. John was suspicious and had rebelled against both his father and brother. John inherited the cost of his brother's costly wars, but was a cruel and incompetent king.		

Black Death

What were the causes of the Black Death?

We know today that he Black Death was caused by fleas that lived on black rats. The fleas sucked the rat's blood which contained the plague germs. When the rat died the flea jumped onto humans and passed on the deadly disease. However in the Middle Ages there was no scientific understanding of illness and disease.

They used several different ways of explaining the cause of the Black Death:

- Caused by a miasma an 'evil air'.
- It had been sent as a punishment by God for the sins of the people.
- A 'Cosmic Serpent' had come too close to Earth. It's evil breath had caused the illness.
- Mars and Saturn had moved too close to each other. The Earth had been polluted by an 'evil dust'.
- The Jews of England had poisoned the wells.

What cures were used to stop the Black Death?

Ask for God's forgiveness/ bleeding/strong smelling herbs/ lancing buboes How did Medieval people try to prevent catching the Black Death?

Pray/ Pilgrimage/self - flagellation/ escape!/ carry a posy of flowers/ do joyful things/ quarantine laws Consequences of the Black Death

Short Term	Long Term
Half the people in Britain died from the Black death. More died in later outbreaks of the disease. Food prices went up by 4 times as animals and crops died with no one to look after them. An estimated 35 million people, two thirds of the world's population, died from the disease. As there were less people alive after the Black Death, survivors could charge more for their services. Wages increased.	The Black Death lasted from 1348-1350. Later outbreaks did occur, but they were less severe. After the Black Death people demanded freedom but lords refused. This led to the Peasants Revolt in 1381. It took 300 years for the population to recover to the same level as before the Black Death.

The Tudors

Who were the Tudors?



Henry VII (1485 - 1509) The first Tudor monarch, crowned winning The Battle of Bosworth.

History

- Henry VIII (1509 1547) Famous for having eight wives. Began Church of England so he could have a divorce.
- Edward VI (1547- 1553) Henry VIII's only son. He came to the throne at 9 and died at 16.
- Lady Jane Grey (1553) Queen for only nine days. Mary had her imprisoned and beheaded.
- Mary I (1553 1558) Henry VIII's eldest daughter. She was Catholic and was also known as 'Bloody Mary' because she had so many Protestants killed.
- Elizabeth I (1558 1603) Henry VIII's last heir. She never married nor had children so the Tudor era ended with her.

Why did	Henry VIII	break from	Rome?
willy ala		bicakinom	i tomo i



Succession - Henry desperately needed an heir to ensure a peaceful and stable succession. By the late 1520s he no longer believed that his wife, Catherine of Aragon, could provide him with a son.



Love - Henry had fallen in love with one of his wife's ladies in waiting, Anne Boleyn. Anne did not want an affair, but marriage.



Power - Henry's ministers had been unable to get the Pope to agree grant the divorce. This was humiliating. Henry believed that Kings should have power over the church in their own country.



Money - the Church was extremely wealthy because of tithes, donations and the amount of land they owned. Henry was quite poor from his wars with France and needed money to fight future wars.



Religious beliefs -Some people criticised the Catholic Church for being corrupt. These were known as Protestants. Many of the supporters of Anne Boleyn were Protestant.

Key Terms:			
Heir	The next person in line to the throne.		
Annul	To cancel a marriage		
Protestant	A member or follower of any of the Western Christian Churches that are separate from the Roman Catholic Church. They broke away from the Church during the Reformation.		
Catholic	A form of Christianity, followers of the Roman Catholic Church.		
Reformation	Reformation, also called Protestant Reformation, the move of part of the church away from the authority of the Pope		
Dissolution of the Monasteries	The closure of English Monasteries by Henry VIII in 1536-1540. Monasteries were run by the catholic church and were homes for Monks and Nuns. They also provided hospital care and charity to the local people.		

Mary I - Does she deserve the nickname, 'Bloody Mary'?

When she became queen people celebrated in the streets and bells were rung across the country.

Mary was a committed Catholic. She tried to restore England to Catholicism as she believed that Protestantism was heresy

While she was queen, Mary restored the navy and increased England's wealth, she also established new hospitals and improved the education of the clergy. Mary executed an estimated 284 Protestants by burning them at the stake for refusing to convert to Catholicism.

Mary married the Catholic King Phillip II of Spain. This was unpopular and led to a rebellion against her in 1554 led by Sir Thomas Wyatt. It was stopped by Mary's forces in London.

In 1557 Mary's husband Phillip persuaded Mary to go to war against France, in support of Spain. However, this was expensive, taxes were raised, and disastrous. Calais, the last English possession in France, was lost.



Why cities decline

1. Factories close down because of cheaper products made abroad. DE-INDUSTRIALISATION

2. Inner Cities have higher UNEMPLOYMENT and POVERTY 3. This leads to SHOPS and SERVICES CLOSING due to a lack or sales. They become run down and VANDALISED

4. Then, CRIME rates increase and HOUSING quality DECLINES 5. Finally, COUNCILS draw up plans for REGENERATION

Key terms

DE-INDUSTRIALISATION-The decline of manufacturing in the UK in the 1970's -1990's.

REGENERATION-The attempt to reverse decline in cities by improving the physical environment and economy.

INNER CITY- The area near the city centre that is often run down and full of old factories.

DEPRIVATION- Where people have a standard of living below what is acceptable.

URBAN - Towns and cities RURAL - Countryside

SUBURBANISTION- A population shift from the cities into suburbs, usually families in search of more space

URBANISATION- The growth in the percentage of people moving to urban areas from rural are.

SUSTAINABILITY- Improving social wellbeing

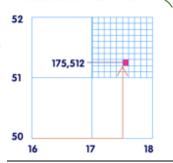
- Improving <u>economic</u> prosperity and wealth and.....
- Improving the <u>environment</u>

for future generations.....

My Place: Settlements and Regeneration

Six figure grid reference rules.

Rule 1. Put a dot in the bottom corner of the square you are looking for
Rule 2. Always go along the bottom first, read first two numbers (17).
Rule 3. Divide the big square into 9x9 in your head, how many little squares going across ? (5) so 175.
Rule 4. Now go up the side, read the first two numbers (51)
Rule 5. Count the little squares going up the side 2
So its 175 going across and 512 going up.
Find an example on google images to practice at home!



Birmingham's regeneration

Mailbox- cost £150 million Opened Dec 2000 Designer shops and restaurants, improved 2013.





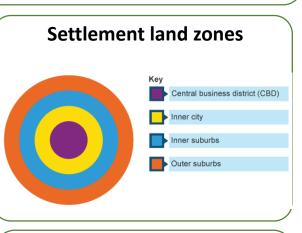
Grand central- £600 million Opened- Sept 2015 John Lewis, 2000 jobs Can hold 200,000 passengers per day

Bull Ring- £400 million 200 shops, 8000 jobs in total Busiest shopping centre in UK, 35 million ppl per year

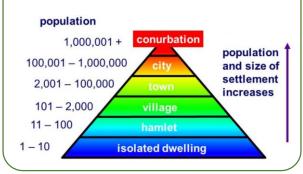




Brindley Place- Offices, pubs Restaurants, health clubs employ 8500 people, **NIA** opened in 1991.

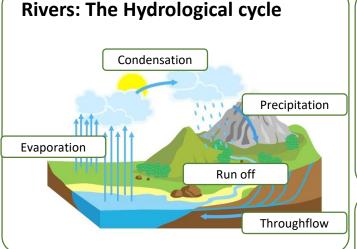


Settlement Hierarchy





My Place: Rivers and Coasts



Key Processes

Erosion-

Abrasion- River beds and cliffs are scraped away by pebbles and sand like sandpaper.

Attrition- Pebbles and stones bash together and become smaller and rounder.

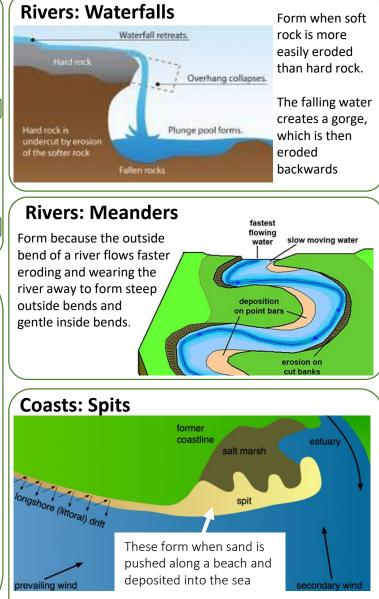
Hydrualic action- The power of the water breaking off bits of rock.

Traction- Pebbles roll along the river bed or beach

Saltation- Sand bounces along the beach

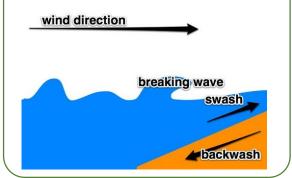
Solution- Smaller pieces of rock eventually dissolve within the water.

Deposition- Rocks, sand and clay are "dumped" after water retreats or slows down.

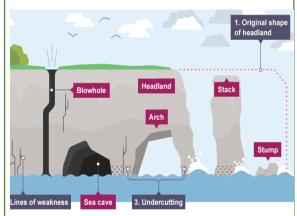


Coasts: What is a wave

These are created when wind pushes water towards the coastline. The longer and stronger the winds are the bigger the waves are.



Coasts: Cave-Arch-Stump



Waves make coastlines weaker because of erosion. Firstly cracks appear, then Caves, Arches, stacks and finally stumps! Remember, it is the key processes that creates these Jandforms

Is there a God?

Does God exist?

Faith & Ethics

Key Terms	Definition
Cosmological / first cause argument	Who else could have made the world? It must be God
Teleological / design argument	It is perfectly designed for us so God must have designed it this way
Ontological argument	If people talk about God, then he must exist. Otherwise, no one would talk about him
Atheist	People who do not believe that God exists at all
Agnostic	People who are not sure if God exists
Theist	People who believe that God exists

What makes it hard to believe in God?

Science

Some people say science has disproved religion and ditched God. They believe that the universe started with the Big Bang, and that it was not God that created the world in seven days, as some faiths believe.

Suffering

Some people say that the amount of suffering in the world means that God does not exist because if he did, he would not allow people to go through the hardship and pain that they do. Some people argue that God does not have any control over people's actions, therefore, he cannot be blamed for people's suffering. They believe people have the free will to make their own choices. **Evil**

Some people say that the power of evil proves that God does not exist. They believe if God existed he would not allow evil in the world in cases such as slavery, genocide and wars.



What do different religions / beliefs say about God?

Christians believe there is one God and within that one God there are three aspects of God's nature. They are the Father, the Son and the Holy Spirit. Jews believe there is one God and that there are no words to accurately describe him as he is too powerful and beyond human understanding. Muslims believe that God is responsible for all of creation and without God there would be nothing. They use the Arabic word for God which is Allah. Sikhs believe in one God who is ever-lasting and absolute truth. They believe God gave the ten gurus special ability to guide people and convey wisdom. Hindus believe there is one supreme God called Brahman and that there are hundreds of different deities (holy figures) that represent the different sides of Brahman.

Buddhists do not acknowledge a supreme god or deity. They instead focus on achieving enlightenment; a state of inner peace and wisdom. **Humanists** do not believe in a God or in the supernatural. They believe that a person's sense of right and wrong have evolved from human experience.

Miracles

A miracle is when something happens, usually something good, that cannot be explained and is considered to be the work of God. Two types of miracles are: 1. Events that cannot be explained by science. For example, Jesus was said to have turned water into wine.

2. Happy coincidences, where natural laws aren't broken but the event occurs at the right time to cause a good outcome. For example, a train stopping just in time to avoid hitting a toddler who has wandered onto the train tracks.





All about me

Me Presento (Let me introduce myself) ¿Cómo te llamas? Greetings

Greetings	¿Cómo te llamas?	¿Qué tal?	¿Dónde vives?
	(What are you	(How are you?)	(Where do you
	called?)		live?)
Hola (Hello)	Me llamo (I am	Fenomenal	Vivo en (l live
Buenos días (Good morning)	called)	(Great)	in)
Buenos tardes (Good		Bien (Good)	
afternoon)		Regular (Ok)	
Buenas noches (Good night)		Fatal (Awful)	
Adiós (Bye)			
Hasta luego (See you later)			

1	2	idea 5	4 ?
<u>araña</u>	<u>ele</u> fant <u>e</u>		<u>o</u> lvidar
5	6	7	8
<u>u</u> niverso	<u>ce</u> rdo	<u>ci</u> clista	<u>ca</u> sa
9	10	11	12 <u>hamburgu</u> esa
<u>co</u> che	<u>cu</u> caracha	<u>gi</u> mnasia	
13 8 Espa <u>ñ</u> a	14 zumo	15 <u>gu</u> itarra	16 P

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oovay doblay		ee-gi	ey-ga t	heytah

Unit 1 – All About Me

1	Buenos días.	Good morning!
2	¿Cómo te llamas? Me llamo Yazmine.	What are you called? I'm called Yazmine.
3	¿Cómo se escribe? Se escribe Y- A-Z-M-I-N-E.	How do you spell that? It's spelt Y-A-Z-M-I-N-E.
4	¿Dónde vives? Vivo en Madrid.	Where do you live? I live in Madrid.
5	¿Qué tal? Fenomenal, gracias.	How you are? Great, thanks.
6	¿Qué tipo de persona eres? Soy bastante generoso/a.	What sort of person are you? I am quite generous.
7	¿Cuántos años tienes? Tengo once años.	How old are you? I'm eleven years old.
8	¿Tienes hermanos? Tengo una hermana que se llama Silvia.	Do you have any brothers or sisters? I have one sister who is called Silvia.
9	¿Cuándo es tu cumpleaños? Mi cumpleaños es el primero de julio.	When is your birthday? My birthday is on the 1st July.
1 0	¿Tienes mascotas? Tengo un gato.	Do you have any pets? I have a cat.
1 1	¿Cómo es? Es blanco y muy tonto.	What is it like? It is white and very silly.
1 2	¡Hasta luego!	See you later!





I have

Tengo (I have)

All about me

				1 ~ 2	///// ·	2)	
			¿Cuando es tu cun My birthday	Is the	(When is your birthday	(?) Of	Month
			Mi cumpleaños	es el	primero (first)	de	enero (January)
			(My birthday)	(is the)	dos (2)	(of)	febrero (February)
			(iviy birtilday)		tres (3)		marzo (March)
					cuatro (4)		abril (April)
•	¿Cuántos años				cinco (5)		mayo (May)
	(How old are				seis (6)		junio (June)
	Years	Year(s) old			siete (7)		julio (July)
	un (1)	año (year ol	d)		ocho (8)		agosto (August)
2)	dos (2)	años (years			nueve (9)		septiembre (September)
	tres (3)	old)			diez (10)		octubre (October)
	cuatro (4)				once (11)		noviembre (November)
	cinco (5)				doce (12)		diciembre (December)
	seis (6)				trece (13)		
	siete (7)				catorce (14)		
	ocho (8)				quince (15)		
	nueve (9)				dieciséis (16)		
	diez (10)				diecisiete (17)		
					dieciocho (18)		
	once (11)				diecinueve (19)		
	doce (12)				veinte (20)		
	trece (13)				veintiuno (21)		
	catorce (14)				veintidós (22)		
	quince (15)				veintitrés (23)		
					veinticuatro (24)		
		go diez			veinticinco (25)		
5	2 2 a	iños.			veintiséis (26)		
1					veintisiete (27)		
Ê	🗟 🖉 🕯	18 181 <i>88</i>			veintiocho (28) veintinueve (29)		\mathbf{x}
					treinta (30)		1
1					treinta (30) treinta y uno (31)		
				1			

¿Qué tipo de persona eres? (What sort of person are you?)

Verb	Intensifier	Adjective (Masculine)
Soy	un poco	divertido (funny)
(I am)	(a bit)	estupendo (brilliant)
		generoso (generous)
No soy	bastante	listo (clever)
(I am not)	(quite)	serio (serious)
		simpático (kind)
Es	muy	sincero (sincere)
(He/She is)	(very)	tímido (shy)
		tonto (silly)
No es		tranquilo (quiet/calm)
(He/She		
isn't)		
	- 11 - 11 - 11 - 11 - 11 - 11 - 11 - 1	Adjective (Feminine)
		divertid<u>a</u> (funny)
		estupend<u>a</u> (brilliant)
		generos<u>a</u> (generous)
		list <u>a</u> (clever)
		seri a (serious)
		simpátic<u>a</u> (kind)
		sincer<u>a</u> (sincere)
		tímid<u>a</u> (shy)
		tont <u>a</u> (silly)
		tranquil<u>a</u> (quiet/calm)
Connectives		
y (and)		
pero (but)		
también (also)	





All about me

Pets (Plural)

dos perros (2 dogs)

dos pájaros (2 birds) dos caballos (2 horses) dos ratones (2 mice) dos peces (2 fish)

dos serpientes (2 snakes)

dos tortugas (2 tortoises)

dos cobayas (2 guinea pigs)

dos gatos (2 cats) dos conejos (2 rabbits) Name

called)

que se

llaman (who

are called)

que se llama (who is

¿Tienes hermai	nos? (Do you have any brothers	or sisters?)		¿Tienes mascota	as? (Do you have any pets?)
I have	Brothers/Sisters	Name	Age	Verb	Pets (Singular)
' engo (I have)	un hermano (a brother) una hermana (a sister) un hermanastro (a half-brother/step brother) una hermanastra (a half-sister/step sister)	que se llama (who is called)	Tiene años (He/She is years old)	Tengo (I have) Quiero (I want)	un perro (a dog) un gato (a cat) un conejo (a rabbit) un pájaro (a bird) un caballo (a horse) un ratón (a mouse) un pez (a fish)
	dos hermano <u>s</u> (2 brothers) tres hermana <u>s</u> (3 sisters)	que se llama<u>n</u> (who are called)	Tiene <u>n</u> años (They are years old)		una serpiente (a snake) una tortuga (a tortoise) una cobaya (a guinea
No tengo herm Soy hijo único (y brothers or sisters anos (I don't have any brothers I'm an only child - m) I'm an only child - f)	or sisters)		I don't have any No tengo masco	pig) 7 pets 9 tas (I don't have any pets)

Pancha plancha con

cuatro planchas.

¿Con cuántas

planchas Pancha

plancha?

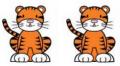


Tres tristes tigres comen trigo en un trigal.

Tanto trigo tragan que los tres tigres

tragones con el trigo

se atragantan.







Describe las mascotas

Verb

Tengo

(I have)

Quiero

(I want)



All about me

e	las mascotas (Describe pe	ets)			Descri	be la	is mascotas (Describe pe	ts)
	Animals (Masculine Singular)	Colours	Verb	Personality Adjective	Verb		Animals Masculine Plural)	Colours
	un perro (a dog) un gato (a cat) un conejo (a rabbit) un pez (a fish) un ratón (a mouse) un pájaro (a bird) un caballo (a horse)	blanco (white) negro (black) amarillo (yellow) rojo (red) verde (green) marrón (brown) gris (grey) azul (blue) rosa (pink) naranja (orange)	Es (He/It is)	divertido (funny) estupendo (brilliant) generoso (generous) listo (clever) serio (serious) simpático (kind) sincero (sincere) tímido (shy) tonto (silly) tranquilo (calm)	Tengo (I have Quiero (I wan) c c c c c c c c	dos perro <u>s</u> (2 dogs) dos gato <u>s</u> (2 cats) dos conejo <u>s</u> (2 rabbits) dos pájaro <u>s</u> (2 birds) dos caballo <u>s</u> (2 horses) dos ratón <u>es</u> (2 mice) dos pe <u>ces</u> (2 fish)	blancos (white) negros (black) amarillos (yellow) rojos (red) verdes (green) marrónes (brown) grises (grey) azules (blue) rosas (pink) naranjas (orange)
	Animals (Feminine Singular)	Colours	Verb	Personality Adjective			Animals Masculine Plural)	Colours
	una serpiente (a snake) una tortuga (a tortoise) una cobaya (a guinea pig)	blanc <u>a</u> (white) negr <u>a</u> (black) amarill <u>a</u> (yellow) roj <u>a</u> (red) verde (green) marrón (brown) gris (grey) azul (blue) rosa (pink) naranja (orange)	Es (She/It is)	divertid <u>a</u> (funny) estupend <u>a</u> (brilliant) generos <u>a</u> (generous) list <u>a</u> (clever) seri <u>a</u> (serious) simpátic <u>a</u> (kind) sincer <u>a</u> (sincere) tímid <u>a</u> (shy) tont <u>a</u> (silly) tranquil <u>a</u> (calm)		s c t c	dos serpientes (2 snakes) dos tortugas (2 sortoises) dos cobayas (2 guinea bigs)	<pre>blanc<u>as</u> (white) negr<u>as</u> (black) amarill<u>as</u> (yellow) roj<u>as</u> (red) verdes (green) marrónes (brown) grises (grey) azules (blue) rosas (pink) naranjas (orange)</pre>

divertidos (funny) estupendos (brilliant) generosos (generous) listos (clever) serios (serious) simpáticos (kind) sinceros (sincere) tímido<u>s</u> (shy) tontos (silly) tranquilos (calm) Personality Adjective divertidas (funny) estupendas (brilliant) generosas (generous) listas (clever) seri<u>as</u> (serious) simpáticas (kind) sinceras (sincere) tímid<u>as</u> (shy) tontas (silly) tranquilas (calm)

Personality

Adjective

Verb

Son

(They

are)



Using Pencils

Art

Pencils come in different grades. The softer the pencil the darker the tone

H=Hard, B= Black (soft)

Tripod Grip

-Don't do this!

Pressure

on the

pointing

finger.

In Art the most useful pencils are B and 2B

1 - Tall Finger (side) 2 - Thumb (pad) 3 - Pointing Finger (tip)

All fingers are slightly bent.

All fingers

pulled v

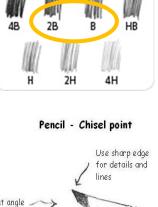
into a

fist.



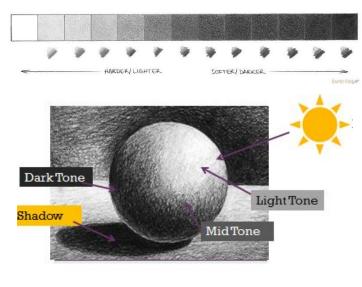
J Use flat angle _ for shadina

for shading



Tone

Pressing harder or lighter with a pencil creates different tones



Including shadows will help make objects appear 3D

Keywords

Line

Defines shape, the outer edges of something

Tone

Light or dark values used to add definition and texture.

Shape

The main sections that the subject can be broken down into to create basic shapes.

Contouring

Bending and shaping the lines to give the impression of a 3D form.

Blending

Merging two or more colours to create a gradual change or soften a line

Artist in Focus

Susannah Blaxill is a British 'Botanical Artist' who creates photo-realistic drawings using a range of media including graphite pencil. Blaxill primarily focuses on natural forms.

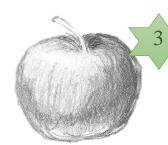
She tries to recreate every small detail of the fruit, plants or vegetables and uses a wide range of tone to create extraordinarily realistic texture.



Developing skills



Some basic shape, and some attempt to add more than one tone.



Shape is accurate and a variety of tones have been used. Lines have been contoured to follow the shape of the apple.



Accurate shape, a full tonal scale is seen and tones have been blended smoothly form one to another.

Practicing Skills

Complete a PENCIL drawing of a whole Apple,

Then eat half of the apple and draw it again.

Finally eat the apple down to the core and draw its appearance .

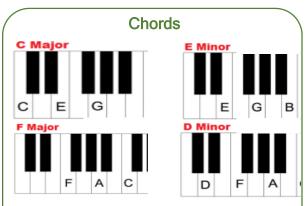
Shade to show TONE.



The Elements of Music & Introduction to the Keyboard

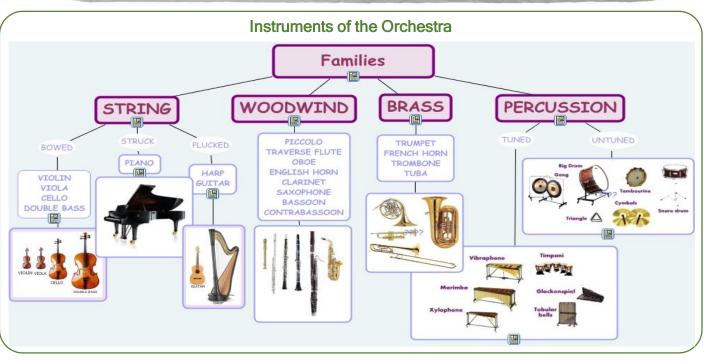
The Notes on a Keyboard D^{\flat} E^{\flat} G^{\flat} A^{\flat} B^{\flat} D^{\flat} E^{\flat} G^{\flat} A^{\flat} B^{\flat} C^{\sharp} D^{\sharp} F^{\sharp} G^{\sharp} A^{\sharp} B^{\flat} C^{\sharp} D^{\sharp} E^{\flat} G^{\flat} A^{\flat} B^{\flat} C^{\sharp} D^{\sharp} F^{\sharp} G^{\sharp} A^{\sharp} B^{\flat} C^{\sharp} D^{\sharp} E^{\flat} G^{\flat} A^{\flat} B^{\flat} CDEFGABCDEFGABCDEFGABCDEFGAB

- The notes on a keyboard run from A to G and start again, just getting higher in pitch.
- The black notes are called sharps (#) and flats (b)

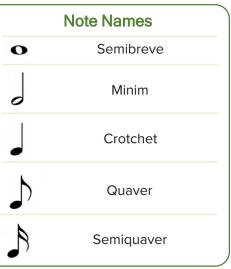


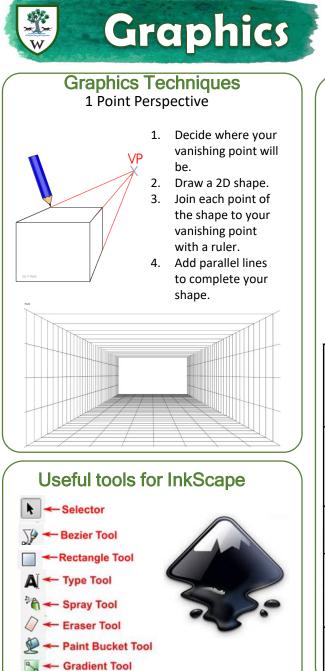
- Chords in music are where you play more than one note at the same time.
- On the keyboard we often play chords in groups of 3.
- Major chords give a light happy tone and minor chords give a much darker

sadder tone.



Keywords					
Pitch	How high or low the notes are				
Duration	The length of the notes used				
Dynamics	How loud or quiet a piece is				
Tempo	The speed of the music				
Texture	Musical layers (thick - lots of parts, thin - a few parts)				
Timbre	Type of instruments used				
Structure	cture Order the parts come in (Verse, Chorus etc)				
Pulse	The beat of the music				





a s s s Indianananananananananananananananananana	5 6 7 8 9 10 11 12 13 14 15 • StuteDTLER 962 24-15
Perspective	Perspective is what gives a three-dimensional feeling to a flat image such as a drawing or a painting
Illustration	An illustration is a decoration, interpretation or visual explanation of a text, concept or process.
Tone	Tone refers to how light or dark a colour or shade is.
Construction Lines	Lines which are lightly added to a drawing to help guide you to create the correct angles.
Typography	The style and appearance of writing.
	Perspective Illustration Tone Construction Lines

3

DARK

Key Equipment

5

6

MIDDLE

8

4

Computer Aided Design - "CAD"



10

LIGHT

Any design created using a computer is classed as CAD. The CAD industry is huge and includes **Engineering**, **Architecture**, **Movies**, **Advertising** and **Video Games**. Graphic Designers will have a keen eye for detail when creating realistic renderings and textures for movies and games etc.

Year 7

Jon Burgerman

Jon Burgerman was asked what the worst piece of criticism he's received about his work... "That it looks like a child has drawn it. I

imaginations and their drawings are really loose, free and uninhibited. I wish I could draw like that."



- Jon Burgerman is a British illustrator. He creates vibrant illustrations and murals featuring monsters and patterns using continuous line.
- He has been commissioned all over the world to create murals on walls in public places.
- He has also created illustrations for advertising campaigns with Pepsi, Coke, Nike, Sony, New Era, Sky, Puma, Nintendo, MTV, Levis and AOL.

Food & Nutrition

Function of ingredients & balanced diets

The function of ingredients in bread making

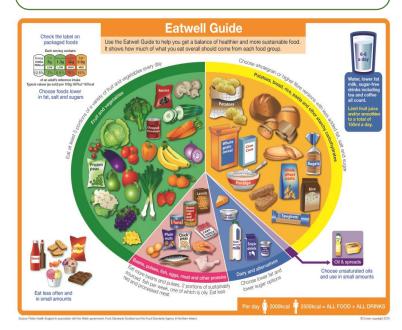
Flour - gives bulk and structure to the bread. Gives taste and absorbs the moisture.

Salt - gives structure by helping gluten form. Adds taste.

Sugar - provides food for the yeast, adds flavour, and helps the bread brown.

Yeast - is the raising agent in the bread

Water - helps the gluten form, adds moisture for the yeast to grow



G = grams
kg = kilograms - 1kg = 1000g
ml = millilitre
L= litre - 1 litre = 1000ml
Tsp = teaspoon = 1 tsp = 5g
Tbsp = tablespoon = 1 tbsp = 15g

Measurements

	Key Words
Nutrient	The properties found in food and drink that give the nourishment that are vital for growth and life. The main nutrients are carbohydrates, protein, fats, vitamins and minerals
Contamination	The presence in food of an item that can cause harm. Contamination can be physical, chemical or biological.
Enzymic browning	A chemical process where oxygen and enzymes in the food react to cause the surface to go brown. This process cannot be reversed.
Gluten	formed from the two proteins in wheat when water is added. It is developed when it is needed.
Fermentation	The chemical breakdown of sugar to acid, gas or alcohol by bacteria, yeast or other micro-organisms

Jamie Oliver states that 'Cooking from scratch is a fantastic way to save money and keep ourselves and our families healthy.' He goes on to say that 'Teenagers should all know how to cook a variety of healthy, balanced and cost effective dishes by the time they are 14.'



Oscar the Owl Doorstop

Textile Techniques

Applique

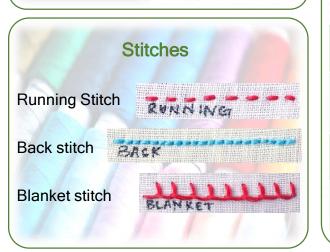
Pieces of fabric sewn on to a larger piece to form a picture or pattern.

Seams

A line where two pieces of fabric are sewn together on a product.

Paper Pattern

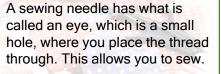
A paper pattern acts like a template. You pin it onto your fabric in order to cut fabric the correct size. Paper patterns include seam allowance











fabrics. You must not use them

for paper as it makes them blunt.



Textiles Keywords

Thread comes on a reel and it is what Thread you thread through a needle in order to sew This is 1.5cm extra fabric you add onto Seam your fabric pieces in order for your Allowance product to turn out the correct size once sewn. Initial design ideas are you first sketches Design of an idea which you develop into a final Ideas design, that you can follow when making. Fabric is the term used for all materials Fabric such as cotton, polyester, silk, felt, fleece etc.

Common Fabrics

Cotton – This is a natural fabric that is used to make a wide range of items. For example shirts, dresses, socks, underwear and T-shirts.

Denim – This is a fabric made of cotton however it is woven in a special way and often dyed in different shades of blue. Denim is most commonly used in Jeans.

Wool – This is a natural fabric that is used to make mainly knitted items. For example jumpers, scarves, hats and gloves.

Polyester - This is a man-made fabric that is often blended with cotton to reduce the cost of items.

Felt – This can be man-made or a natural fabric using wool. It is easy to cut and sew and used a lot for craft





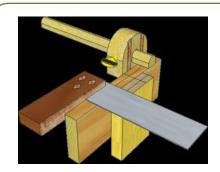


Product Design

What is Product Design and why is it important?

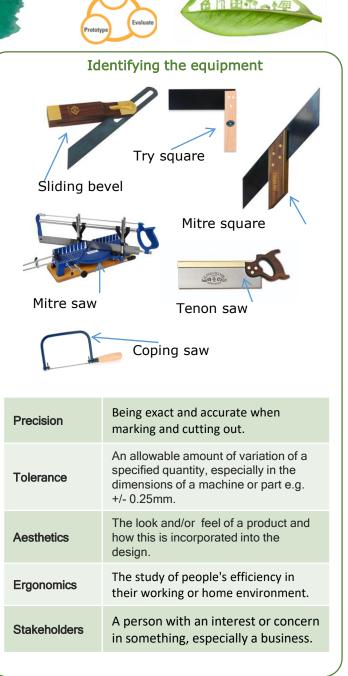
The role of **design** is to create a marketable **product** from an innovation. Design is often the deciding factor in the success of a product.

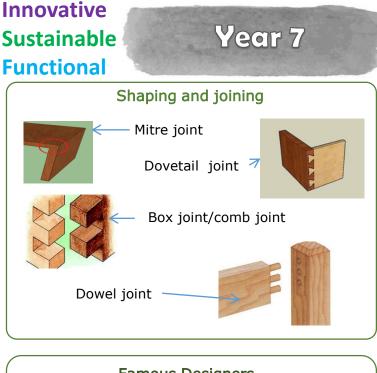
Many customers make purchasing decisions based primarily on product design, because good product design ensures **quality**, **appearance**, **performance**, **ease of use**, and **reliability**.



Tools we use to mark out;

- Marking gauge
- Try square
- Pencil
- Rule or ruler





Famous Designers

This is **James Dyson**. He is an influential designer because



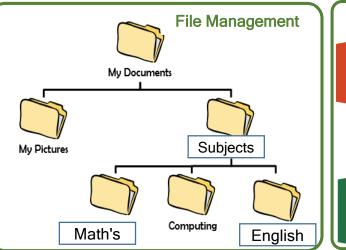
- He constantly **innovates**, his designs are creative and unique
- His products are designed around the needs of the **stakeholders**
- The "cyclone technology" design, including the 15 years and **5,127 prototypes** it took before the first model, DC01, would ultimately prove successful in 1993. Fifteen years!
 - **Design** and **manufacturing** occurs on a **global** scale. Dyson employs over 7,000 people.

Computing Digital Lite

Digital Literacy and Web Safety

Key W	ords
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Transition	To move from one slide to another with an effect in PowerPoint	
Animation	To move a picture or a piece of text to enter /leave the slide that	
	the user is on.	
Font	The size of the text can be made larger or smaller	
File organisation	The correct way to organise a files within a computer system	
Internet	The global system of interconnected computer networks	
Packet	A message is broken into a number of parts which are sent	
switching	independently and then reassembled at the destination.	
IP address	A unique string of numbers separated by full stops that identifies	
	each computer.	
Personal details	Recorded information about an individual that may include his or	
	her name, address, email address and phone number.	
Netiquette	The correct or acceptable way of using the Internet.	
Copyright	The legal right given to the originator for a fixed number of years,	
	to print, publish, perform, film, or a recording.	





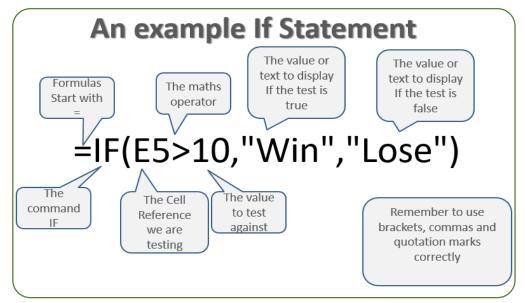
Key Words		
Ethics	Moral principles that govern a person's behaviour or conducting	
SPAM	Irrelevant messages sent over the Internet, typically to a large number of users, for the purposes of advertising, phishing, spreading malware	
Phishing	The illegal process of sending emails pretending to be from a company in order to gain personal information, such as passwords and credit card numbers.	
	Malicious software that, when executed, replicates itself by modifying other computer programs and inserting its own code	
Firewall	A security system that monitors and controls incoming and outgoing network traffic.	
Encryption	The process of encoding a message or information so that only authorized parties can access it and those who are not authorized cannot.	
Search Engine	A program that searches for and identifies items in a database that correspond to keywords or characters specified by the user,	
Password james0898 @!#\$%{}	A combination of letters, numbers and symbols used to gain access to a computer system with a username.	

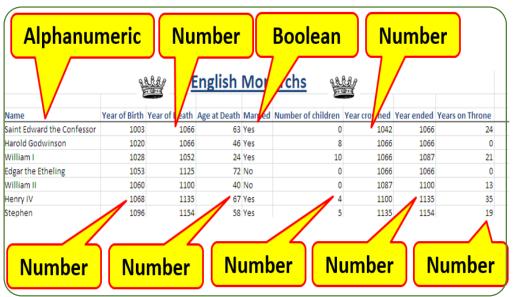


Analyzing data

Data analysis	The process of evaluating data using analytical and logical reasoning to examine each component of the data provided
Sort	Sorting is the process of arranging objects in a certain sequence or order according to specific rules.
Filter	allows you to view specific rows in an Excel spread sheet, while hiding the other rows
Spread sheet	A sheet of paper that shows accounting or other data in rows and columns
Database	is a list of data
Field	A column of data
Record	is the complete set of data about one person.
Work sheet	is a single page in a file created with an electronic spreadsheet program such as Excel
Criteria	The correct or acceptable way of using the Internet.

Cell Reference	is an alpha-numeric value used to identify a specific cell in a spreadsheet
If statement	If statements are decision making commands that can be used in spread sheets and computer programming
Conditional formatting	Conditional formatting is the process of formatting a set of data in a spread sheet automatically based on a set of defined rules.
Absolute cell	An absolute cell reference is a cell address that contains a dollar sign (\$) in the row or column coordinate, or both.
Formula	The exclusive and assignable legal right, given to the originator for a fixed number of years, to print, publish, perform, film, or record literary, artistic, or musical material.





P.E.

Tennis

<u>Core Skills.</u>

- 1. Service power, placement and variation.
- 2. Groundstrokes forehand, backhand and drop shot.
- 3. Volleys forehand and backhand.
- 4. Smash to show power and/or placement.
- 5. Lobs forehand and backhand.

Tactics (Tactics, Strategies & Compositional Ideas):

- A: AWAY keep the shuttle away from your opponent.
- B: Play on their weakness usually their BACKHAND.
- C: Keep the ball in the COURT but play to the COURT boundaries.

Rules:

Mini Tennis matches: Use simple Tie-Break scoring, which is first to 10 points

Tennis and Football

Football

Core Skills Passing/receiving - either foot. Dribbling/moving with the ball - either foot. Shooting Heading. Tackling, jockeying, closing down and marking.

Tactics (Tactics, Strategies & Compositional Ideas): Attacking and Defending principles:

Attacking:

- Pace
- Depth
- Width.
- Make the pitch as big as possible
- Support: Angle and Distance.

Defending:

- Deny the opposition time and space.
- Make the pitch as small as possible.
- Use of the offside .
- Support: Angle and Distance



P.E.

Athletics and Dance

Dance

Athletics

<u>Core skills</u>

Track:

- •Starts/finishes.
- •Arm action effectiveness and consistency.
- •Leg action to create appropriate pace consistency and/or change of pace.

Tactics and strategies:

Use pace judgement to run at a sustained pace for specified periods of time

Analysis of performance:

Compare performances to previous ones, personal bests and Athletics Awards (ESAA Secondary Awards Scheme).



Core Skills

- Action:
- Creating a motif
- 1. Travel, locomotion, stepping and pathways.
- 2. Balance (static and/or dynamic).
- 3. Rotation, turning and weight transference.
- 4. Jumps and elevations.
- 5. Gestures

Dynamics: Performing an action and/or motif fast or slow smooth or sharp heavy or light

Space & relationships: Direction_ Levels_ Formation_ Canon_ Unison_

Performance

Perform a full routine in a competition/performance. This can be in a solo performance, a duet performance or a group performance and should last approximately two minutes. Perform within the recognised dance style.

Ytat KYrath