

Knowledge Organiser Year 7

Term 1

Name

Tutor Group

This document is part of your compulsory equipment and must be taken to every lesson (with the exception of practical PE).

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Your knowledge organiser summarises all the key facts and knowledge that you will need to have learned on a particular subject onto one side of A4. This information might include,

- key vocabulary
- key places and people
- useful diagrams
- key dates for a subject like history
- key themes
- important quotes
- stem sentences for a subject like Maths

How can you use your Knowledge Organiser most effectively?



1. Use it as a **checklist** to make sure you have notes and resources in your books or folders on each area. If you have a gap, talk to your teacher.



4. Use your knowledge organiser **to get ahead on a topic**. Reading about what you are going to study and looking up any new or difficult words means that you are better prepared for your learning in the next lesson.



Encoding

2. Use it to help get the information and knowledge into your **long-term memory**. Just reading over the pages does not help. You will need to put your knowledge organiser away and see how much you can remember. You could get a family member or carer to help test you on what you have remembered.



5. It is best to use your knowledge organiser for **short periods of time but regularly.** Choose a small part of a topic and practice writing it out with your organiser closed every day for 10 minutes.





3. Knowledge organisers have already broken the knowledge down into chunks for you so they can be used to create **flashcards**, revision **posters or mind maps**.

THE KING SOLOMON STANDARD

Come to class fully prepared with correct equipment (Black / Blue Pen, pencil, glue stick, scissors, ruler, calculator, protractor and compass, exercise / text books). Form Tutors will check your equipment on a regular basis.



Presentation

- Students write in black or blue inked pen only unless allowed by teachers to use another colour.
- Students ensure that all work has a Title and Hebrew and English dates, which are all underlined.
- Students take care of their exercise books and folders. There is no graffiti in, or on, books. All books must be covered and labelled clearly.
- Worksheets and Pit Stops slips must be stuck in or stapled.
- Pages must not be torn out of books.
- Work will be returned if it represents a significant lack of effort and students will be expected to resubmit the work.
- **PEEL** paragraphs must be labelled clearly and easy to spot.

Literacy marking symbols

Your teachers will be using the symbols below to mark your work.

S	Spelling mistake.
Р	Punctuation mistake – either punctuation has been omitted, or has been used incorrectly.
??	Does not make sense/is not clear.
	Start a new paragraph.
^	A word or sentence is missing.
С	Capital letter is needed.
DW	Choose a different word.
Corre	ct all your class work and homework errors using a different coloured pen.

• C3B4ME (See three before me; i.e. first try independently, check your class notes/resources or ask one of your peers before you ask your teacher ☺).



How to complete my Pit Stop slips

What went well....

Completed by your teacher or by you after receiving some guidance from your teacher.

Next steps....

Completed by your teacher or by you after receiving some guidance from your teacher.

Evidence of how I have improved:

Completed by student stating clearly where the work can be found. This is not a promise of what you will do but a clear indication of where to find the work of what you have done already in order to improve and following the advice from next steps.



THE **PEEL** PARAGRAPH

PEEL

Point: Your argument in one line.

I think that It is clear that.....

In my opinion The point is that....

Evidence: Reasons or evidence that back your argument up.

This is because This is evidenced by For instance We can see that...

Explanation: Explain how your reasons or evidence prove your point. Therefore, this proves that..... because This shows that This demonstrates.....

Link: Mini conclusion answering the question.

In conclusion Overall To conclude Finally..... To summarise...

How can I improve my writing?

Point

- I have included a point in my paragraph.
- The reader will be able to understand my entire argument just by reading the point.

Evidence

- My paragraph has at least two pieces of evidence.
- My evidence is in full sentences, carefully chosen and clearly helps prove my argument.
- My evidence is specific and detailed (includes quotes/facts/names/events/key words).

Explanation

- I explain how my evidence proves that my argument is right.
- My explanation is at least two or three sentences long.
- I have added some balance to my argument and shown how there may be other reasons or arguments to the question.
- I have explained why my answer is the right one rather than any of the other reasons, ideas or arguments.

Link

- I have included a link sentence in my paragraph.
- My link sums up my argument.
- My link uses the information I have used in my paragraph.





KEY MOVEMENTS - Realism





Direct Observational Drawings, Still–Life, Line, Shape, Form, Volume, Three–Dimensional, Tone, Gradation, Circular, Ellipse/Elliptical, Symmetry/Symmetrical, Proportion, Overlap, Depth, Space.



AUTUMN 2

KEY MOVEMENTS - Naturalism





Victorian Shell illustrations





Scallop Shell

Conch Shell

4. Drawing of the three different species of Shells

Whelk Shell

- Creating links between Maths and Drawing.
 - Appreciation of Geometry in Nature.





Watteau













Pencil Drawings

Mono-Prints

5. Developing initial Drawings into Basic Printmaking techniques such as, monoprinting.

Key Words

Scallop Shell: Semi Circular, Triangular, Converging, Undulating, Corrugated. Whelk Shell: Spiral, Segment, Compartment, Tapering, Conical, Apex, Conch Shell: Spikes, Protrude, Texture, Rough, Smooth.

Design & Technology

HARDWOODS

Hardwoods come from broad-leaved, deciduous trees.

Tools used for wood



Tri-Square



Coping Saw





Bastard File



Stage 1 - Tree Felling

Stage 5 - Seasoning



Stage 7 - Manufacturing



MANUFACTURED BOARDS

Manufactured boards are timber sheets which are produced by gluing wood layers or wood fibres together. Manufactured boards often made use of waste wood materials.

Wood joints



Finger Joint

Dowel Joint



Wood joints are used to secure two or more pieces of wood together. This is the strongest way to join wood.

Dovetail Joint

Wood adhesives



Wood glue is the most common way of joining two pieces of wood together. It is also known as PVA (Polyvinyl acetate).

What are each of these tools used for?

SOFTWOODS

Softwoods come from coniferous trees which are evergreen,

needle-leaved, cone-bearing trees, such as cedar, fir and pine

Stage 2 - Storage

Stage 4 - Rough Sawing

Stage 6 - Cutting to Size

Processing wood for use in manufacture

Stage 3 - To Sawmill







Design & Technology

FERROUS

Ferrous metals contain iron and are magnetic. They will rust easily.

NON-FERROUS

Non-ferrous metals do not contain iron, they are not magnetic and are more resistant to corrosion.

Tools used for metal



Joining metals - temporary

Adhesives such as Epoxy Resin can be used to join metals but the join will not be as strong as a permanent fixing technique.

FERROUS METALS

cast iron, mild steel, high carbon steel and stainless steel

Mining of Iron Ore

In order to **produce steel**, iron ore is required, in large quantities. Iron ore is dug out of the ground from open cast mines or mined deep underground. The ore is crushed into a fine powder, mixed with water, making a slurry. Clay is added to the slurry and the mixture shaped into pellets and baked, forming a hard shell. The pellets are sent to a steel mill in order to extract the iron which is normally converted into steel. How metals are supplied



Metals can come in solid bars of different shapes or tubes. Most metals are also available as sheet metals.



Joining metals - permanent



Rivets & Screws

9

Brazing - melting a filler metal or alloy between the components you want to join.

Soldering - is a type of brazing which works at lower temperatures. Welding - is different from soldering in that the two pieces of metal are themselves melted along the joints, fusing together as they cool. Rivets & Machine Screws - with a rivet, a hole is drilled through both pieces of work, the rivet is placed through it, and its end beaten into a dome. With machine screws, the screw needs to be fitted in to a predrilled hole.

NON-FERROUS METALS

aluminium, brass, copper, lead, zinc, titanium and tin.

Design & Technology

THERMOPLASTICS

THERMOSET

Thermoplastics can be heated and shaped many times.

Thermosets, once shaped can not be reheated and reshaped. Instead they will just burn.

Tools used for plastic





How is plastic made? Plastic is made from a combination of natural materials. The main one being crude oil. To extract crude oil, drilling needs to be done deep underground. This can have a damaging effect on the environment. It also uses a lot of energy and creates fumes and gases that are released into the environment during refining and production.

Coping Saw (narrow blade)

Scroll Saw





Wet & dry sandpaper

Polisher/buffing machine

Joining plastics

The most effective way to join plastics together is to use a liquid cement called 'Tensol'. This works by using a capillary action, this means the liquid flows between the pieces and fuses them together.





Plastics are put into different categories depending on their properties. This makes it easier to identify them when they need to be recycled or disposed of. Look out for the different symbols on different bottles/containers/packaging. **Plastic used in school** Acrylic



Advantages -

- Can be easily cut
- Supplied in large sheets
- Comes in a wide range of colours
- Can be heated to bend and curve
- Can be polished

Disadvantages-

- Can get scratched and damaged
- They are not strong and can break if dropped
- They can discolour with age
- Difficult to recycle

THERMOPLASTICS

THERMOSET

Casings for power tools, curtain rail fittings, kitchen equipment, packaging & toys.

light switches, work surfaces, electrical insulation & door handles.

Drama

Term: 1

Unit: Dramatic Elements

Dramat	tic El	ements

Dramatic elements are all the pieces you need within a good performance to ensure your audience can understand the dramatic action and your intent.

Audience = The people who watch your performance. Dramatic Action = What is happening in your performance. Intent = What you want your audience to think, feel, do post-performance.

Upstage Right	Upstage	Upstage Left
Stage Right	Center Stage	Stage Left
Downstage Right	Downstage	Downstage Left
		F

REMEMBER: The stage positions are always from the actor's point of view.



Key Command Words:

Describe: Tell me what you see or do.

Explain: Tell me why you did it or why they did it.

Evaluate: Tell me how it could be improved or what was good about it.

Dramatic Element	Meaning	Example
Role	A portrayal of a type or Stereotype of person or position.	Teacher, Boy, Mother, Baker, Lion.
Character	Detailed and specific portrayal of a person or thing.	Tony Stark, Lady Macbeth, Bart Simpson, Peppa Pig
Relationship	The connections between people.	Familiar, Lovers, Enemies.
Tension	Anticipation/Conflict between characters. Problems, surprises & mystery in the plot.	It so dark, is a monster going to jump out?
Focus	What your attention is on.	Is it on what's happening or elsewhere?
Situation	The circumstances someone find themselves in.	John and Mary are at the beach alone and they just kissed.
Time	The time in the scene.	2:00pm, Lunch time, After dark, 3 days later.
Place	Where you are.	California, Bedroom, Behind the rock.
Language	How you are using your voice.	Dynamics, Accent, Pitch, Pause, Breath Control.
Movement	How you are using your body.	Posture, Levels, Action, Gait, Space, Eye Contact.
Mood	How people are feeling.	Angry, Sad, Excited, Happy Worried.
Atmosphere	How it feels in the place.	It feels tense inside the dark room.
Symbols	Something that represents or stands for something else.	The golden arches represent McDonalds.

These combined create the dramatic action of the performance!

Drama		Term: 1	Unit: Dramatic Elements			
	Vocal Skills: How you modify your voice when performing.		Physical Skills: How you modify your body when performing.	How to Evaluate P -> Point: Tell me which performance skill (physical or vocal skill) you us E -> Evidence: Tell me how you have used the performance skill. E -> Explain: Tell me why you used the performance skill. L -> Link: Link to how it helped you create one of the dramatic elements.		
Vocal Skills	Definition		Example	Physical Skills	Definition	Example
P - Pitch	How high or low you voice sounds.	High squeaky	y voice or low deep voice.	P - Posture	The way you hold yourself.	Hunched back, straight back.
I – Intonation	How clearly you speak.	Mumbling or saying every word clearly.		E – Eye Contact	Where you are looking.	Staring, looking at the floor, quickly looking.
P - Pace	The speed in which you speak.	Fast or slow.		T - Tension	How tight or relaxed your body is.	Clenched fists, locked knees.
E – Emphasis	The importance you put on certain words.	Using volume or pause to highlight a word. I <i>(pause)</i> right!		F – Facial Expression	How you are modifying your face.	Closed Eyes, Wide open mouth.
D - Dynamics	The volume that you are speaking at.	Loudly or quietly.		L - Levels	The heights used within the performance.	Standing on toes, crawled up in a ball.
B – Breath Control	How many breaths you take in a sentence.	Do you take lots of breaths or none at all.		A - Action	Movements that have specific meanings.	Thumbs up, waving, peace sign.
A - Accent	The way you pronounce words.	America, Australian, Jamaican, British.		G - Gait	The way you are walking.	Skipping, stomping, floating.
P - Pause	How many breaks you take.	I am (pause) NOT going to see you again.		S - Space	The area that you are using.	Are you standing close or far away.

English: 'The Island'



Non-Fiction Subject Terminology					
Terminology Definition					
PAFT	Purpose, audience, form and tone				
Purpose	What a text trying to do. Is it informative, advisory or persuasive				
Audience Who a text is aimed at					
Format	The type of text (eg: letter, speech, report etc)				
Direct Address	Using you, we or us.				
Anecdote	A short story often from one's own experience				
Adjectives Describing words					
Facts	Facts and figures				
Opinion	An individual view or perspective				
Rhetorical Question	Asking a question as a way of asserting something. Asking a question, which already has the answer hidden in it.				
Repetition	Where words or phrases are used more than once in a piece of writing				
Statistics	Figures (percentages/fractions)				
Triple	List of three adjectives, clauses, nouns				

Links to future units you will study: Gothic and Horror Writing (Year 8) Writing to Inform - Food Review (Year 8) Descriptive Writing and Discursive Writing GCSE Language Paper 1 & 2 (Year 10)





Connectives:	Emphasis:	Contrast:
At the start Firstly	Importantly Significantly	Although Whereas
Secondly	In particular	Otherwise
Thirdly	Furthermore	Alternatively
Next	Additionally	Nevertheless
Meanwhile	In addition	Conversely
Subsequently	As well as	However
Finally	Ultimately	On the other
In conclusion	Moreover	hand 13

Glossary	Terms	
Romanticism	A movement focusing on intense emotions such emotions as fear, horror and terror, and awe. Often linked to describe the beauty of nature.	PEEL PARAGRAPHS
Personification	Human characteristics applied to something non-human.	<u>E</u> vidence Explanation
Majestic	Having or showing impressive beauty or scale.	Link back to Question
Stanzas	A section or verse of a poem. Essentially, a poetry paragraph!	Komanticism
Shift of focus	Changes in ideas and perspectives. EG: Outside to inside.	
Repetition	When words, phrases or ideas are repeated for effect.	
Metaphor	A figure of where something is described as if it is something else. EG: He was a fearless lion.	
Pathetic fallacy	Where the weather mirrors emotions in a text.	Links to future units The study of class in
Rhyme	The pattern of similar sounding words across lines in a poem.	Poetry Devices (Year Literature movemen The study of Londor

English: London

up to year 11.

• The writer uses....

• For examples...

Point

Evidence



Some sentences starters:

• It can be argued that....

• This is shown when...

 This is demonstrated when... We know this because.....

This term, you will begin to write analytical essays. You will need to follow this structure to help you with

English, it is something that you will use all the way

One of the language features used is.... To create....

your writing. We use this in all subjects, and, in



Explanation

- This shows...
- This suggests..
- This implies...
- The writer has chosen these techniques because...

Links to the question/ writer/ reader

- To link back to the original statement...
- Therefore, we can see...
- This is important, because....
- From that, we can see....



ks to future units you will study:

study of class in rich and poor (Year 7 Trash, Year 8 Blood Brothers) etry Devices (Year 7 Poetry, Year 9 War Poetry, Years 10 & 11 Poetry Anthology) rature movements through the years (Year 8 Gothic) study of London in different eras (Year 10, Jekyll and Hyde)



The Plague of London 1665-1666





Great Fire of

London 1666



Westminster Bridge

opens 1750



Samuel Johnson published

the Oxford Dictionary 1755



London's population grew rapidly

after the industrial revolution and so

did its economy from 1800

Year 7 Food & Nutrition: Hygiene, Safety & Cooking			Weighing and Measu For good results, acc	uring urate weighing and mea:	suring is	There are a number of basic food skills The bridge hold and claw grip should be used when cutting		
Buying, storing, preparing & cooking food safely and hygienically are vital for health. <u>Microorganisms</u> Microorganisms are everywhere. They can be carried by food, people, dirty equipment. animals and	Food spoilage When food spoils, the change: • appearance • taste • texture • smell	following may	essential. When baki measure accurately of you weigh out too m agent, your cakes wo taste and/or texture. Food can be weighed a Kilogram (kg) . Liqu or litres.	ng with flour, sugar & liq or your cooking will be sp uch sugar or too little rai ould not rise or you could d in Grams (g). T here are id is measured in Millilit	uids, poiled. If ising I spoil the 1000g in res (ml)	which enable you to prepare a variety of simple dishes. These can include: • Knife skills • grating • juicing • kneading • measuring	food to avoid hat Bridge hold	arm. Claw grip
pests. Most are harmless. Micro-organisms Very small Living things	Food can spoil and decay due to the action of microbes, insects and other pests/pets.		Food needs to be s within its date mark USE BY: 25/08/20 KEEP REFRIGERATED	eeds to be stored properly and is date mark. BEST BEFORE: 25/08/21 STORE IN A COOL DRY PLACE		 measuring peeling rolling-out rubbing-in stirring washing weighing 	Grate Measure/weigh	Knead
Temperature control	Hob Grill/ top oven	METH Heat tra <u>Conduction</u> Metal is a con the heat fron food	ODS OF COOKING nsfers in <u>three</u> was nductor of heat and n the heat source to	ys: carries		Tie back long hair Roll up long sleeves Wear an apron Remove jewellery	Roll-out	Rub-in
Main oven		<u>Convection</u> When heated expand and ri particles to s currents whic <u>Radiation</u> Heat is trans- surface	, gas or air particles se, causing colder ink, creating convec h distribute heat. ferred directly onto	tion the	Get ingr Clean I Don't co	Wash your hands redients ready Get equipment ready hands. Hair tied back. We ough/sneeze over food. Us for cutting,	Good perso vital when co <u>cross conta</u> the risk of <u>fo</u> ar an apron. Wear I se the bridge and /chopping.	nal hygiene is ooking to avoid <u>mination</u> and o <mark>od poisoning</mark> . blue plasters. claw methods 15

The UK's Healthy Eating Model is called **The Eatwell guide** and has five groups. Year 7 Food & Nutrition: Diet & Good Health Different foods belong in each of the groups Eat lots of fruit and Young people should do at least Drinks 8 tips for healthy eating Check the tabel a Use the Eatwell Guide to help you get a balance of healthey and more sustainable food. packaged foods 60 minutes of physical activity a vegetables. Have 6-8 glasses a with improving fitting tool The Government has produced 8 tips to day. How much do you do? day. help us make healthier choices Get active on different ways? Eat at least 5 portions 1) Base your meals on starchy foods to had, load a proof of every day. 2) Eat lots of fruit and veg Have lots of 3) Eat more fish potatoes, bread, 4) Cut down on saturated fat and sugar rice and pasta. 5) Eat less salt 6) Get active and be a healthy weight 7) Drink plenty of water Oils and spreads Eat in small amounts. 8) Don't skip breakfast Foods high fat, salt and sugar We should drink about 6 to 8 glasses of Have some milk. Eat less often and in water, or other fluids, every day. cheese and yogurt. small amounts. lat less offers an Drinking helps to replace the fluid that our body loses naturally throughout Macronutrient major groups of nutrients Have some beans. Calcium the day by breathing, sweating and needed by the body in large amounts (g). pulses, fish, eggs when we go to the toilet. They include Carbohydrate, Protein, Fats and meat Active recreation, eg. play, Active living, eg. walking, Vitamin D Vitamin C Can be found in carrots eggs and cheese. Forms dance, cycling, skateboard gardening, using the stairs teeth and bone and helps The main source of energy for the body. you grow. Provides the body with growth and There are lots of different types of B vitamins. Gan They help the growth of red blood cells, healthy Micronutrients - groups of nutrients repair. hair and skin and much more. They can be found in green vegetables, wholemeal grain and pork. need by the body in small amounts Provides the body with insulation and a Found in citrus fruit, (mg or ug). Includes vitamins & strawberries, tomatoes and small amount protects vital organs. peppers. Helps your cells minerals. grow and stay healthy. Provides essential fatty acids for the Vitamins are necessary for energy Helps you to absorb calcium to give body. you strong bones and teeth. Found in

Starchy foods, such as bread, pasta, rice & potatoes are an important part of a diet. These should make up a third of your diet.

Helps build body cells, protect lungs from damage by pollution, slow the aging process and lower the risk of heart disease. Found in vegetable oils, cereals and nuts.

oily fish and eggs and can be made

by sunlight.

production, immune function, blood clotting and other functions. Minerals play an important role in growth, bone health, fluid balance and several other processes. 16

Year 7 Food & Nutrition: Processes, Food Science & Safety

Key words

	Claw grip	Tuck fingers back in a claw. Cut in front of knuckle	
	Bride hold	Arch thumb and index finger. Cut underneath arch	
es	Peeling	Angle peeler to 'catch' on to the ingredient. Push away from you	
ls & Technique	Slicing	Knife at 45-degree angle. Point on board. Pull toward you	
	Grilling	Intense radiant heat from a hot element either above or below food (Radiation)	
Ski	Rubbing in method	Fat rubbed into flour using fingertips. Used for crumble & pastries	
	Using the cooker	Main parts: hob, grill, oven, temperature dials, shelves, timer	
	Weigh/Measure	Accuracy affects outcome 1000g in 1kg; 1000ml in 1 litre, 3tsp ; 1tbsp	

Dicing

The dough is Whilst the dough kneaded to give is proving, bubbles of carbon the bread its texture. dioxide gas are The protein in the formed from the flour is stretched yeast action. to make an These help to elastic dough and stretch the dough pockets of gas and make it rise. are formed.

••••••

In the oven the Eventually the gas bubbles heat sets the loaf (carbon dioxide aiving it a welland air) expand risen structure with the heat. and a light and This makes the spongy texture. bread rise further.

Food Science - Processes

Dextrinisation

What's happening inside the bread?

When food containing starch is heated (without the presence of water) it can produce brown compounds due to dextrinization. Dextrinisation occurs when the heat breaks the large starch polysaccharides into smaller molecules known as dextrins. These dextrins can also produce a brown colour eg Toast





Sensory Analysis Word Bank

When conducting **sensory analysis** (taste test) on a food product it is important to be able to describe the food in detail. To help do this use a range of describing words to show the qualities of a food product



APPEARANCE	FLAVOUR	TEXTURE	AROMA
Attractive	Acidic	Brittle	Acrid
Appetising	Aftertaste	Bubbly	Aromatic
Bright	Balanced	Chewy	Burnt
Burnt	Bitter	Clammy	Cheesy
Colourful	Bland	Close	Fishy
Colourless	Buttery	Creamy	Floral
Crumbly	Cheesy	Crisp	Fragrant
Crystalline	Citrus	Crumbly	Fruity
Cuboid	Cool	Crunchy	Light
Dark	Delicate	Dry	Meaty
Dull	Delicious	Flaky	Musty
Evenly baked	Fizzy	Fluffy	Perfume
Firm	Greasy	Greasy	Pungent
Fizzy	Herby	Gritty	Rancid
Flaky	Hot	Hard	Roasted
Flat	Light	Juicy	Rotten
Fragile	Mature	Lumpy	Savoury
Glossy	Mild	Moist	Scented
Golden	Peppery	Mushy	Sour
Golden brown	Refreshing	Open	Spicy
Greyish	Rich	Rubbery	Strong
Heavy	Salty	Runny	
Interesting	Savoury	Sandy	
Light	Scrumptious	Short	
Limp	Sharp	Smooth	
Mouth-watering	Sickly	Soft	
Off-colour	Sour	Sticky	
Over cooked	Spicy	Stringy	
Pale	Sweet	Stodgy	
Plain	Tainted	Tacky	
Runny	Tangy	Tender	
Stringy	Tart	Tough	17

Claw grip





Hygiene is key to Food Safety! Bridge hold





Geography Enquiry question 1: What skills do I need as a geographer?

Types of geography		Lines of latitude:	Map Symbols:	N <u>Compass points:</u>
Human geography = This focuses on the study of human interaction with the environment, its cultural, social and economic aspects. Image: Constraint of the study of the study of the natural features of the study of the natural features of the word such as rivers, coasts, mountains, ecosystems, the weather and climate. Image: Constraint of the study of study of the study of		Tropic of Cancer Arctic Circle Equator Antarctic Circle Tropic of Capricorn		W SW SE
Lines of latitude	Imaginary lines around the world that goes from East to West	To find a 4-figure grid reference you must: 1) Go along the corridor and find the grid	To find a 6-figure grid reference you must: 1) Go along the corridor and find the grid square. 2) Choose the bottom left number on that square	
Lines of longitude	Imaginary lines around the world that goes from North to South	 a) Choose the bottom left number on that square. b) You then go up the stairs, find the grid square and choose the bottom left number on that square. c) Choose the bottom left number on that square and choose the bottom left number on that square. c) Choose the bottom left number on that square and choose the bottom left number on that square. c) Choose the bottom left number on that square is divided into tenths and decomposition of the grid square and bottom left number on that square. c) Choose the bottom left number on that square is divided into tenths and decomposition of the grid square and bottom left number on that square. c) Choose the bottom left number on that square is divided into tenths and decomposition of the grid square and bottom left number on that square is divided into tenths and decomposition of the grid squa		s divided into tenths and decide how object it.
Continent	A landmass made up of many countries			that square.
Grid square	Used to help locate places on a map Scale			object it.
Scale	The ratio of a distance on a map to the real distance on the ground	Relief and height of land You can tell the height of land on a map in three different ways: Contour lines are line on a map that join places of equal height. They are usually shown as fine brown lines of map. In If contour lines are close together, the land is steep. If contour lines are far apart, there is a gentle slope. Layer colouring uses colours to represent areas of higher land. Areas of mountainous land are usually shown brown, like in this map of the UK Spot heights are usually shown as a dot or triangle with a number on a map. They give the exact height of a pon the map.		
Relief	The difference between the highest and lowest elevations in an area			ally shown as fine brown lines on a
Compass	An instrument used for navigation and orientation			
Physical features	The natural features on the earth's surface that are not manmade			
Human features	All the features on the earth's surface that have been added by humans			ntainous land are usually shown as
Density	The average number of people living in an area per square kilometre (sq/km)			They give the exact height of a point 18



Geography Enquiry question 2: What is the UK like?

What are the different groupings on our islands?

England + Wales + Scotland = Great Britain

Great Britain + Northern Ireland = The United Kingdom

The United Kingdom plus Ireland = **The British Isles**

What is The UK's role in the wider world?

The UK is connected to the rest of the world through:

- Trade Transport
- Communications
- Investment
- International organisations
- Tourism
- Culture
- Aid

nisations



The UK plays a key role in organisations such as The UN and The

Commonwealth. The UK is also a major player in global economics as a trading partner of most countries around the world. Our relationships with other countries is what makes us successful.



The UK is made up of both Physical and Human environments:

Physical landscapes – Landscapes created naturally. Human landscapes – Landscapes created by people.

Urban areas of the UK like London have a lot of people, they are Densely Populated.

Rural areas of the UK like Cornwall have few people, They are **Sparsely Populated.**

Why is London a major world city?

London is a **World City**, which means it is a major centre for **finance**, **trade**, **business**, **politics**, **culture**, **scientific information and mass media**. It has power and influence across the whole world.

London is also a very diverse city meaning its population has come from all over the world to live and work.

These people have brought their languages, religions, food and culture with them, making London a global city representing the whole world.

London is our home and also home to nearly **9** million other people.







Key words:

Relief - Height of land above sea level (m)

Layer shading – using different colours to show the difference in height of land.

Population density - This refers to the amount of people living per km2 of land.

Trade – buying and selling of goods between countries.



Timeline	of events
c.4000 BC	Mesolithic Period
c.3,100 BC	Stonehenge built
2,500 BC	Bronze Age
1,000 BC	Celtic people came to Britain
55/54 BC	Julius Caesar invades Britain
410 CE	Romans leave Britain
1016 CE	Canute becomes first Viking king of England
1066 CE	The Normans invade
1290 CE	Jews expelled from Britain
1505 CE	First written record of Roma in Britain
1560 CE	First Huguenots arrive in Britain
1656 CE	Jews welcomed back by Cromwell
1693 CE	First Palatines arrive
1881 CE	Many Jews come from Eastern Europe
1948 CE	Empire Windrush brings first Jamaican immigrants to Britain
1997 CE	1 million migrants from Europe live in Britain
2011 CE	% of people living in the UK that were born abroad is 13.4%
2016 CE	Britain votes to leave the EU
2027 CE	National Statistics Office predicts pop. of UK will reach 70 million

Key

Chro Era BC/E AD/0

Migr

Reso Clan

Tribe

Inva

Pers

Econ

Emp

Brex

Disc Dep Mult

History: Migration Through Time

Overarching enquiry question: What is a British person?

The history of the British Isles is one that can be looked at in terms of **migration**. Different groups of people have moved to these islands over centuries, changing our **culture** and **society**. There have been many different reasons for people coming to Britain. The first few waves of migration were predominantly due to the **resources** and protection the island offered (ancient peoples of the Mesolithic Period, the Celts and the Romans). The second wave of migration revolves around the **conquest** of the island (Anglo-Saxons, Vikings and the Normans). The third wave of migration we look at illustrates how **persecution** can lead to fresh waves of migration (Jews, Roma, Huguenots and Palatines). The fourth wave of migration demonstrates how **economics** and **politics** play a part in migration of the modern day. This chronological understanding allows the study of both the **positives** and **negatives** of migration, and brings together the idea of a **multicultural** UK as well as the difficulties of defining a British person.

The order in which things happened.
A long and/or distinct period of history.
Before Christ/Before Common Era.
Anno Domini (The year of our Lord)/Common Era.
A person who moves from one place to another in order to find work or better living condition
Any physical material constituting part of Earth that people need and value.
A close-knit group of interrelated families.
A group of people including many families, clans, or generations.
When an army or country uses force to enter and take control of another country.
Hostility and ill-treatment based on race, religion or politics.
A person who travels from one place to another to improve their standards of living.
A ship bringing the first large influx of migrants, from Jamaica.
The withdrawal of the United Kingdom from the European Union.
Treating categories of people unfairly, such as on the grounds of race, gender, age etc.
Removing a foreigner from a country, typically for being there illegally or a criminal.
The presence of multiple cultural groups living in one society.

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THANK TOU

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History: Anglo-Saxon Essex

Overarching enquiry question: What did the Anglo-Saxons of Essex leave behind?

From 450 AD Anglo-Saxons began to migrate to England; they were attracted by the fertile farmlands and forests that would provide good hunting grounds. They began to settle and create kingdoms such as Mercia, Wessex and Northumbria and by the 6th century seven kingdoms were established. In Anglo-Saxon society the King was at the top; he was helped by his Earls to run his kingdom, whereas slaves were at the bottom. Kings would often get into conflict with kings from other kingdoms or rich Earls. This led to the Kingdom of Essex often being subservient to other kingdoms. Comparing the Kingdom of Essex to the Kingdom of Wessex allows us to address similarities and differences between kingdoms. However, separate kingdoms ended in 927 when Athelstan became the king of a united **England**, work that actually began with his grandfather Alfred the Great. We can learn about Anglo-Saxon Essex by what it has left behind: Prittlewell Tomb and artefacts, place names, symbols, battle sites etc. However, we are faced with difficulties due to the the **sparsity** of sources.



Timeline of events		
AD 450	Anglo Saxons begin to arrive in Britain	
527	Æscwine becomes the first King according to some sources	
798	Sigeric abdicates	
825	Sigered was the last King of Essex	
871	Alfred the Great becomes King	
927	Athelstan is king of a united England	
991	The Battle of Maldon	



The Essex Flag

4	
What sources should I	
know about/use?	

 \frown

Anglo Saxon Tomb - This tomb was found near Prittlewell in Essex, it is important as it can tell us about life at the time, for example that the person was Christian.



Key words:	
Migration	Movement of people
Kingdom	A country or territory ruled by a king.
Push factor	When people move because there are bad things about where they live.
Pull factor	When people choose where they are going because of all the nice things that are there.
Witan	Also called Witenagemot, the council of the Anglo-Saxon kings in England who advised the king.
Noble	A person of high birth or rank (often owning lots of land and very powerful).
Earl	Highest ranking noble (included in the Witan). Had their own land called earldoms.
Thanes	Nobles. They were a lord who held his land directly from the king in return for military service.
Churls	Freemen. Rented small farms that they worked on themselves and their families.
Thralls	Slaves. Seen more as property rather than people.
Danelaw	The part of England in which the laws of the Danes held sway.
Subservient	Submissive to the control of another kingdom.
Ceded	To give up (land or territory).
Pagan	Those who worshipped lots of different Gods.
Christian	A follower of the teachings of Jesus Christ.
Archaeologist	A person who studies history through excavation sites and physical remains
Source	Something that can tell us about history
Prittlewell Tomb	A Saxon tomb found in Essex that housed some 40 rare and precious artefacts.
Legacy	The long lasting impact of something; the mark something can leave upon the world.
Saexe	Saxon short sword.
Runes	The letters of an ancient Germanic language.
King Saebert	The most famous King of Essex.
Alfred the Great	The most famous King of Wessex was King Alfred.
Pious	A deeply religious person.
Athelstan	Alfred the Great's grandson, credited in part with the unification of England. 21
Draft	A version of something that is made before the final version. It helps improve what you are writing.

(The ba	asics:	עָבְרִית 123
Y	l You (M) You (F) Him Her We Anadou (plural)	Ani אני Ata אתה At את At הוא Hoo היא Hee אנחנו chnoo אנחנו	Ivrit עִבְריָת
	They	нет Нет)
(You will	earn how to	count to ten:
	1	Echad	אחד
	2	Shtayim	שתיים
	3	Shalosh	שלוש
	4	Arba	ארבע
	5	Chamesh	חמש
	6	Shesh	שש
	7	Sheva	שבע
	8	Shmoneh	שמונה
	9	Taisha	תשע
	10	Eser	עשר
	•		

You will learn the Hebrew Alphabet:

Aleph Bet Gimmel Daled Heh Vav Zayin Chet Tet Yud Kaf Lamed Mem Nun Samech Ayin Pay Tzadi Kuf Raish Shin Taf

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Key words and phrases you will learn:

My name is... Hashem Sheli... השם שלי

My age is...Ani ben(M)/bat(F)... אני בן/בת

I live...Ani gar(M)/gara(F)... אני גר/גרה

My birthday is on the... Hayom huledet sheli ba...

היום הולדת שלי ב

You will learn the months of the year. Below is a list of the months that are pronounced differently:

Yanwar January ינואר February Febwar פברואר March Mertz מרץ May Mai מאי Yuni June יוני July Yuli יולי



– Final Mem

γ – Final Kaf

I – Final Nun

η – Final Pay

γ - Final Tzadik

UNIT: CALENDAR AND FESTIVALS OF 🛧 🗎

The Jewish calendar is a lunar calendar and has 12 months of 29 or 30 days.

The Lunar calendar based on the cycle of the moon

TIshrei the first month of the Jewish year

5783 the new Jewish year starting on Rosh Hashanah

Rosh Hashanah the Jewish New Year

Yom Kippur the day of Atonement

Sukkot literally means small huts

Sukkot is a special Jewish festival in Tishrei

Teshuvah repentance

Repentance saying sorry and making amends for mistakes

Shofar a rams horn sounded on Rosh Hashanah

Arba minim four plants used on Sukkot

Jewish Studies



Watch this:

https://www.youtube.com/watch?v=JpFw7DqRMEc

UNIT: SHABBAT

Shabbat the Jewish sabbath; a holy day of rest.

Challah sweet bread eaten on shabbat

Kiddush a ceremony with wine to mark the holiness of shabbat and festivals

Melachah work (39 types) that Jews cannot do on shabbat (such as driving)

Havdallah ceremony to mark the end of shabbat

Synagogue (Shul) Jewish place of worship

SHABBAT EXPLAINED

The seventh day of the week, a holy day of rest, commanded in the Torah.

Shabbat marks the day G-d rested after completing the creation of the world in six days. Keeping shabbat is one of the ten commandments

'Remember the shabbat day to keep it holy'.

On Shabbat Jewish people switch off from the busy week; they do not do many types of work including writing, using phones, driving.

Time is spent with family and friends and at special services in synagogue.

In the home, Jews eat special shabbat meals together; candles are it to bring in shabbat. Challah is eaten at each meal. Wine is used to make kiddush.

Havdallah is made with wine, spices and a special candle to mark the end of Shabbat on Saturday night.

QUESTIONS TO CONSIDER

Why is it good to have a day of rest? How can shabbat help you to appreciate the world?

UNIT: KAYIN AND HEVEL

Torah the Jewish Holy book

Genesis (Bereishit) the first book of the Torah

Rashi a famous Rabbi who wrote explanations of the Torah

Adam and $\ensuremath{\text{Eve}}$ the first man and woman created by G-d

Kayin (Cain) and Hevel (Abel) their sons

Offering dedicating some of the best of what you have to G-d

Premeditated something that has been planned and thought about before it is done

Motive the reason for doing something

KAYIN AND HEVEL THE STORY OF THE FIRST MURDER:

The story of Kayin and Hevel is in the Torah, in the first book of Genesis.

Adam and Eve are their parents.

Kayin was the older brother; he was a farmer. Hevel was a shepherd.

Both gave offerings to G-d; G-d accepted Hevel's offering, but not Kayin's.

Kayin was furious and depressed. He met Hevel in a field and murdered him.

When G-d asked him where his brother was, he said he did not know and asked ' Am I my brother's keeper?'

QUESTIONS TO THINK ABOUT:

Why did Kayin kill Hevel? Was the murder premediated? What did Rashi say?

Why did Kayin say he did not know where his brother was if he had just killed him?

Thoughts - how do anger, jealousy and resentment affect you in your life?

Read this:

https://www.chabad.org/parshah/article_cdo/aid/3 749639/jewish/Cain-and-Abel-The-Story-of-the-First-Sibling-Rivalry.htm







MATHS Unit 1: Analysing and displaying data





Compound bar charts show data stacked on top of each other.

ESSENTIAL KNOWLEDGE:

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- Use a key when drawing a pictogram.
- You cannot find the mean or median if the data is not quantitative (numbers).



- Median is the middle when arranged in size order. Median = 9
- Mean is when you find the sum and divide . by the amount of values. Mean = 10
- Range is the biggest subtract the smallest. ٠

Range = 12

Total 4

1

3

2

6

Tally Chart

Tally chart is used to sort data into groups A line is drawn for each item in a group, with a diagonal line to group every five items making it easier to count

Jack	reco	rds the	Colour	Tally	
colo	urs in	a car	red		
Red	Silver	Black	Blue	black	1
Blue	Silver	Green	Silver	blue	Ш
Silver	Blue	Red	Red	green	11
Silver	Red	Silver	Green	silver	1HH

KEY WORDS:

Average, Cumulative, Mean, Median, Mode, Range, Bar Chart, Line Chart, Tally Pictogram, Axis, Scale.

Pictograms:

Pictograms use pictures to portray data, with each symbol representing an amount. Part of a picture can be used to represent different frequency.

Example, put the following information into a pictogram

Transport		Frequency
Walk	_	12
Bike	6	6
Car		48
Bus	(m) (m) (m,	33
Tube		28
	Key represents 12 teachers	

Facts

- There are 127 teachers in total
- Car is the most popular transport
- Bike is the least popular transport



ESSENTIAL KNOWLEDGE:

- Multiplication tables.
- Using a column method to
- add, subtract and multiply.
- Using a bus stop to divide.

-10 -9



Prime Numbers:

3 5 7 11 13 17 19 23 29 31 37 41 43...

Prime Number – A number that has exactly two different factors, which are 1 and the number itself e.g. 17 is prime.



Rounding:

Rounding is making a number simpler but keeping it close to its original value.

You can round to significant figures or decimal places.

e.g. Round 3.1476 to 2 decimal

3.1476

Remember:

Answer: 3.15

-8 -7 -6 -5

```
5 or above rounds up.
```

Below 5 stays the same.

Negative Numbers:

When adding or subtracting use a number line.

To add move right. To subtract move left.

e.g. -8 + 12. Start at -8 then move right 12 places. The answer is 4.

-4 -3 -2 -1 0

Order of Operations:

- Use BIDMAS to help you remember the order you need to complete the operations.
- E.g. $3 \times (5 + 6) 2^2$ = $3 \times 11 - 2^2$ = $3 \times 11 - 4$ = 33 - 4= 29

uio	operations.		
	В	Brackets	
	Ι	Indices	
	D	Division	
1	Μ	Multiplication	
	Α	Addition	
_	S	Subtraction	



Term: 1

Unit: Musical Elements

Musical Elements

Musical elements are all the things you need within a good performance to ensure your audience is captivated by your music. The musical elements are remembered by using the acronym 'DR CAT SMITH'.

Audience = People who listen to your music





musical alphabet.

27

Music		Term: 1	Unit: Musical Elements
	Instrumentation There are lots of we can use when music along with haveour vocal	fun instruments a creating our a one that we all s.	type.
Term	Definition	Example	
Dynamics	Dynamics is how loud or quiet the music is played.	The piece of music is Forte (loud).	ALTO Singing
Rhythm	Is created by combining a variety of notes of different durations.	The rhythm had two short notes and one long note.	The lowest adult female voice type. Also, the lowest children's voice type.
Context	Context refers to the genre and or style of music.	The style of music was rock.	Voice can fit into
Articulation	How a particular instrument is played	The Violin is played with a bow (Arco).	^
Texture	Texture describes how melodies, rhythms and harmonies are layered in a piece of music.	The texture of the piece was monophonic. It only had one layer.	Every Green
Structure	Structure (or form) is the overall plan of a piece of music.	The structure of the piece consisted of an Intro, verse, chords, bridge, verse, outro.	Bus Drives
Melody	A sequence of notes arranged in a definite pattern of pitch and rhythm	The melody of the piece was cheerful.	E G B D F Fast
Instrumentation	The instruments that are used.	I could hear a guitar and drum kit being played.	
Harmony	The combination of simultaneously sounded musical notes.	The harmony of the piece used G and C Chords.	OOOFACE IN THE
Тетро	Tempo is how fast or slow a piece of music is played.	The tempo of the piece was fast (Presto).	• SPACE E 28

Performing Arts

Term: 1

Unit: Jewish Theatre

Jewish Theatre

Jewish theatre consists of plays written and performed primarily by Jews. The range of Jewish theatre is broad and includes operetta, musical comedy, melodrama etc. Jewish theatre's roots include the often satiric plays traditionally performed during the religious holiday of Purim, the singing of cantors in the synagogues, Jewish secular song and dramatic improvisation and so much more.

The Megillat Esther

The Megillat Esther is a special scroll in Judaism, that is beautifully decorated.

It tells that story of Queen Esther, the wife of a Persian king. She bravely stopped a plan by Prime Minister Haman to kill all Jews – saving her people.

During the Jewish festival of Purim, the story is read aloud in synagogues. People boo, hiss and stamp when they hear Prime Minister Haman's name, and cheer when they hear Esther's!



There are four main vocal ranges:

- Soprano = High female voice
- Alto = Low female voice
- Tenor = High male voice
- Bass = Low male voice







Book of Esther Characters (Left to Right)

Haman (BOOOO!)

Achashveirosh

Mordechai

Esther

Performing Arts

Term: 1

Unit: Jewish Theatre

Vocal Skills	Definition
P - Pitch	How high or low you voice sounds.
I – Intonation	How clearly you speak.
P - Pace	The speed in which you speak.
E – Emphasis	The importance you put on certain words.
D - Dynamics	The volume that you are speaking at.
B – Breath Control	How many breaths you take in a sentence.
A - Accent	The way you pronounce words.
P - Pause	How many breaks you take.

Physical Skills	Definition
P - Posture	The way you hold yourself.
E – Eye Contact	Where you are looking.
T - Tension	How tight or relaxed your body is.
F – Facial Expression	How you are changing your face.
L - Levels	The heights used within the performance.
A - Action	Movements that have specific meanings.
G - Gait	The way you are walking.
S - Space	The area that you are using.

<u> Chag Purim – Hebrew</u>

Chag Purim Chag Purim Chag gadol layehudim

Masechot, ra'ashanim, shirim verikudim.

Hava narishah - rash, rash, rash, Hava narishah - rash, rash, rash, Hava narishah - rash, rash, rash, Bara'ashanim.

Chag Purim Chag Purim zeh el zeh sholchim manot,

Machmadim, mamtakim, Tunifim migdanot.

Hava narishah - rash, rash, rash, Hava narishah - rash, rash, rash, Hava narishah - rash, rash, rash, Bara'ashanim.

Festival of Purim – English

Purim time Purim time A big festival for the Jewish people

Masks, noisemakers songs and dances.

Wind your noisemakers - "rash rash rash" Wind your noisemakers - "rash rash rash" Wind your noisemakers - "rash rash rash" With your noisemakers.

Purim time Purim time We send gifts to one another

Treats, sweets and other nice things.

Wind your noisemakers - "rash rash rash" Wind your noisemakers - "rash rash rash" Wind your noisemakers - "rash rash rash" With your noisemakers.

PE - Netball

Key Vocabulary	Key In	nages	
 Passing and receiving – different types of passes include chest pass, bounce pass, shoulder pass and overhead pass. Attacking – getting free from an opponent in order to receive the ball. Includes the skills of sprinting, dodging and changing direction. Shooting – With one hand under the ball and the other steadying it at the side, keep your eyes on the hoop, bend your knees and push the ball with the fingers. Defending – Marking your opposite player both with and without the ball. Footwork – You must land with a 1-2 landing or with 2 feet. You must then not move the landing foot 	An example of shooting taking place in netball. What positions shoot?		
Challenge Questions	Dig Deep 8	Discover	
Can you name all the netball positions?	To find out information on joining a	Find more information on Netball as	
Do you know the starting positions of all the players?	below	by scanning the code below	
Watch an international or super league game of netball online. What can you learn from this? Scan the code below to watch	SCAN ME	England netball SCAN ME	

PE - Rugby

	Key Vocabulary	Key li	mages
Passing	A skill used to move the ball from player to player. There are a variety of passes depending on position, game situation and are of pitch.		10m Grid
Tackling	A skill used to try to stop an opponent who has the ball by bringing them down to the ground. There are different types of tackles and safe tackling technique is extremely important.		
Positioning	This is the position a player takes on the field. This is very important to abide by the laws of the game and also to score tries.		
Carrying	A skill used to gain territory and score tries. This is where a player keeps the ball as they progress down the pitch		
Handling	A skill used to catch and throw the ball. Very important to move the ball effectively and to open up space.	Passing being demo	nstrated in rugby
	Challenge Questions	Dig Deep	& Discover
Watch a premi positions on th	ership or international rugby game with focus on the different ie pitch.	To find out information on joining a local club, <u>CLICK HERE</u> or scan code below	Scan code for ways to pass in rugby
What different on the pitch?	positions are there and what role do the different players take up	SCAN ME	

PE - Table Tennis

Key Vocabulary	Key Images
 Grip - How you hold the bat to make contact with the ball to help it land on the table. Backhand push - The ball is played on the backhand side, with a flat bat face to push the ball over the net. Forehand push - The ball is played on the forehand side, with a flat bat face to push the ball over the net. Serve - The first shot to begin a rally. The serve is alternated between the two players, after two serves the service goes to the opposite player regardless of the winning shot. Forehand topspin - A shot played on the forehand side, contact cuts on an angle to the ball to make it move differently. Doubles play – working as a two to outwit the opponents 	TABLE TENNIS A male athlete uses his bat (paddle) to serve the ball during an Olympic table tennis math. Image: Service the ball during an Olympic table tennis math. PADLE Blade 85% wood Table Service the ball during an Olympic table tennis math. PADLE Blade 85% wood Table Service the ball during an Olympic table tennis math. Colspan="2">Table 55% wood Table 50% of the math for best results Cover options depending on player's style of play and glue to rest results Cover options depending on player's style of play and glue to rest results Service Net width 1.5m Net width 1.5m Met width 1.27m Met width 1.27m Tower options depending on player's style of play and glue to rest results Service Net width 1.5m Service Net width 1.5m Met width 1.27m Tower options depending on player's style of play and glue to rest escults Service Net width 1.5m Service options depending on to rest escults Service Net width 1.5m Met width 1.5m Service Net width 1.5m Diagonal Service in South table then cors the net to bounce on the server's on
Challenge Questions	Dig Deep & Discover
What are the rules that govern the serve in Table Tennis?	Click here Englandfor Table Tennis foundationTo find out information on joining a local club, CLICK HERE
When playing the forehand push how should bat be positioned to help the balls go in the correct direction? What must happen to the bat to achieve topspin in the rally?	SCAN ME

PE - Badminton

	Key Vocabulary	Key Images		
READY POSITION	Balanced position, side on, racket up and ready, on toes.	1.5 Peet (46 cm) Singles Back Service Lines		
GRIP	Shake hands with the racket sideways on. Wrap fingers round the tape.			
SERVE	There are several types of serve, low/backhand, long, flick. A backhand server should land close to the service line on the opponents side of the net. The racket head must start from below the waist and make contact with the shuttle below the servers waist.	Ready position for a serve		
UNDERAR M CLEAR	This shot is played high to the back of your opponent's court. Start sideways on and use a whip action with the wrist to create power.	Coubles Back service line		
OVERHEAD CLEAR	Played to the back of the opponents court and is a defensive shot. Start sideways on, racket up and behind you, focus on making contact with the shuttle in front of you.	20 Feet Badmintonisgreat.com		
	Challenge Questions	Dig Deep & Discover		
Draw a badmint Watch an intern watch	on court and label it correctly with the lines that are in/out for both singles and doubles. ational game of badminton online. What can you learn from this? Scan the code below to	SCAN ME To find out information on joining a local club, CLICK HERE or scan code below Delow Delow		
Progress chec	k: How well have you performed in this terms four sports?	A Year 7 PE student will:		
WWW EBI		Be able to understand the general rules and regulations Develop and apply knowledge of basic skills in small game situations Demonstrate some creativity in body movements		

Below

Above

SCIENCE

INTRODUCTION 1 – Safety

			-					
KEY WORD	DEFINITION	Laboratory Rules:						
Hazard Something in an experiment that could cause harm		 Do not enter the laboratory without permission Dress correctly for practical work, (tie your hair back, tuck in your ties, wear goggles) 						
SI Unit The standard unit we use in Science to make measurements			 Follow instructions from the person in charge Make sure your working area is safe (tuck in steels, stand up, move bags (costs)) 					
Hypothesis	A prediction about an experiment that you can test	Neve	run in the	laboratory	5/ (04(5)			
Flammable	Will set on fire easily	Do no Do no	ot eat or dri ot taste or s	nk, there are many dangerous chemicals that may be o niff chemicals, they can be harmful or toxic.	n the desks			
Corrosive	Will burn through skin or clothing	• Do no	ot leave a B	unsen unattended. It should be on a safety flame so oth	ners can see it.			
Irritant	Will cause irritation of the skin, eyes or mouth/throat	Risk Assessmer	t: Plan for	hazards by, identifying the hazard, think about what	could increase th	ne risk, and		
Тохіс	Could be fatal if swallowed or inhaled (poisonous)	then consider t	ne precaut	ions you should take. E.g., tie back hair when using a	Bunsen burner,	pecause it		
Harmful to Health	Will cause health problems if swallowed or inhaled. This could be short term or long term	beaker		Used to stir and heat larger quantities of liquid	When doing s drawings of e	cientific quipment,		
Environmental Hazard	Will cause damage to animals or plants if not disposed of correctly	conical flask		Used to mix liquids together to do reactions	draw in 2D, us don't close of	e a ruler and the tops of		
If the hole is open, you get a safety flame . If the hole is closed, you get a roaring flame When using a Burson, we normally use a 'half way' flame when heating, by half		test tube		Used for small scale tests				
opening the air hole . How to use a Bunsen burner:		boiling tube		Used to heat smaller quantities of liquid		×		
 Make sure there are no breaks or holes in the gas hose. Follow lab rules: safety goggles, tie hair back, tuck in your tie. But the Burson burger on a beat resistant mat, making sure it isn't near the edge of base 		Bunsen burner	↑ Heat	Used as a heat source to do experiments				
the bench. 4.Turn the collar to ensure the air hole of the Bunsen burner is closed.		measuring cylinder		Measures out volumes of liquid	*	×		
 5. Hold a lit splint 1-2 cm above the top of the barrel of the burner. 6. Turn on the gas at the gas tap, and the Bunsen burner will burn with a yellow flame. 		funnel		Used to carefully pour, or filter liquids	length	m or cm		
			ro hosting	small amounts of liquid use a boiling	mass	kg or g		
Hazchem I	abels tell us about the chemical hazards that something may have	tube ar	d tilt to the	e side away from anyone. This prevents	force (weight)	Ν		
			any boiling liquid from splashing					
					time	s m ²		
flammable	corrective irritant toxic harmful to environmental	For large quantities use a heating apparatus				m ³		
flammable corrosive irritant toxic harmul to environmental health hazard			HEAT with a tripod, gauze, and a beaker density g/cm ³					

INTRODUCTION 1 – Investigation

KEY WORD	DEFINITION		Planning Investigations	A hypothesis	is an idea about how sor	mething works that can be tested in
Independent Variable	What you change in an experi	iment	Make a prediction	an experimen A prediction s	nt . says what will happen in	an experiment if the hypothesis is
Dependent Variable	What you measure in an expe	eriment	Change only one variable Moasure only one variable	correct.		
Control Variable	The things you keep the same	e in an experiment	• Control the other variables.	Prediction: se	eeds grown without light	ow will make shorter plants than seeds
Reliability	How much your results are sir	milar to each other, normally found by	This makes it a fair test .	grown with lig	ght	
	repeating the experiment		The Three Variables Independent Variable: What I ch	nange 🛛 🛛	Methods are written so the	hat other scientists could see what
Discrete Data	Data that is words e.g. colours 'hard' or 'smooth'	s like 'red' or 'blue' or how an object feels like	Dependent Variable: Your Data Control Variable: What you keep	o C onstant	nstructions. This will mak	ke the experiment repeatable .
Numerical Data	Data that is numbers e.g. time	e, height or temperature	A method should			Data that
Putting results in tables makes it Put a heading in each column The independent variable show The dependent variable show	t easier to understand. n – including units if appropriate ould be in the first column uld be in the second column	e Wing Length (cm) Time (s) 5 0.8 10 1.4	 Start with a list of equipment Be in bullet points showing the Each step describes one action Everything that was done ne could take your plan and rep 	t with a diagrai he order to do on eds to be listec roduce the exp	am o things Id so that someone else periment exactly.	doesn't fit a pattern is an anomaly, and should be ignored
If the independent variable is nu lowest to highest	merical then they are written fr	rom 15 2.0	When you have multiple sets of	f data you may is usually the n	y need to find an average mean	e of these pieces of data.
When drawing a graph, before y start plotting you should remember SALT S : Choose a SCALE for the axes s that the graph is as big as possib on the page A : Using a pencil and ruler draw	you Bar charts for categorical data ble Line graphs for Line graphs for	ph to show the force needed to move different masses	If you have an anomaly in your e.g., Try 3 in the table doesn't in the calculation. <i>mean</i>	$mean = \frac{a}{-1}$ data, we ignor t fit the same p $= \frac{40 + 45}{-3}$	$\frac{add up \ all \ your \ value}{number \ of \ values}$ re this when calculating t pattern, so we don't inc $\frac{+38}{} = 41$	the mean. clude this Try 1 Try 2 Try 3 Try 4 40s 45s 15s 38s This is an anomaly!
your AXES L: LABEL the axes with the quan and unit e.g. 'Temperature °C' T: Write a TITLE for your graph	tity	0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 Mass added (kg) Independent variable should be on the x axis t the big squares on the graph paper and pick a ble scale.	AG 0.7 0.8 0.9 1.0 (g) e on the x axis paper and pick a fit. Once you have plotted a line graph you should drawn with a ruler fit.		ould be er	
When you do experiments, you do the experiment. When you do the experiment. When you de things you how have already	should research before you o this follow this guide 3. Find a book or website that tells you the rest	Conclusion A conclusion sums up what has been found out in an investigation. The conclusion should be clearly structured and explained using scientific knowledge.	This could be a straight line, or a curve and should go through as many points as possible		× B	Draw curves with confidence as a sweeping curve, not sketched A 36

MATTER 1 – Separating Mixtures

KEY WORD	DEFINITION	Filtration
Solvent Dissolve	A substance, normally a liquid, that dissolves another substance A substance that can dissolve in a liquid	 Separates an insoluble solid from a liquid or solution It uses a circle of filter paper folded and placed in a filter funnel. The liquid or solution passes through the filter funnel (the filtrate)
Solution	When a solute mixes completely with a solvent	filtrate • The solid is too big to fit through the tiny holes in the filter paper, so it cannot run through, and remains on the paper (the residue)
Soluble (Insoluble)	Property of a substance that will (will not) dissolve in a liquid	Crystallisation evaporating dish ->)
Solubility	Maximum mass of solute that dissolves in a certain volume of solvent (g/100cm ³)	Separates the solute from a solution , you lose the solvent.
Concentration	Measurement of how much of a substance is dissolved in a known volume of solvent.	 The solution is heated over a water bath slowly Heat until most of the solvent has evaporated which makes the solution more saturated.
Pure Substance	Single type of material with nothing mixed in	 Leave the solution to cool and crystals will form. But in a warm place and the rest of the soluent will
Mixture	Two or more pure substances mixed together, whose properties are different to the individual substances	evaporate. Bunsen burner
Filtration	Separating substances using a filter to produce a filtrate (solution) and residue	water out
Distillation	Separating substances by boiling and condensing liquids	condenser • Separates the solvent from a solution .
Evaporation	A way to separate a solid dissolved in a liquid by the liquid turning into a gas	 The solution is placed in a flask and heated until it boils The solvent turns into a gas, but the solute remains in the flask
Chromatography A solution is a m breaks apart and	Used to separate different coloured substances ixture made of a solute and a solvent . The solute is often a solid that mixes in with the solvent . When it is fully mixed in, it's dissolved .	 solution water in distillate
A seturated solutions	Solute and Solvent start separate They start to mix and dissolve They are fully mixed into a solution	 Chromatography Separates mixtures that are soluble in the same solvent. The mixture is placed on a piece of chromatography paper which is placed in a solvent. As the solvent moves up the paper it separates all the different parts of the ink Draw a pencil line above the level of the solvent in the beaker Put a small spot of the dye on the pencil line, let it dry Gently lower the paper into the solvent, and hang it so it doesn't fall into the liquid below Observe the colours moving up the chromatogram Pure substances have one spot. Mixtures have more than one spot. The higher up the substance moves, the more soluble it is. If the substance is insoluble the spot doesn't move.

A **saturated solution**, is one where no more solute will dissolve You calculate the solubility by... solubility $(g/100cm^3) = \frac{max.mass that dissolves (g)}{volume of solvent (100cm^3)}$

Gases can also **dissolve** in solvents. Fizzy drinks contain dissolved **carbon dioxide**



MATTER 1 – The Particle Model

KEY WORD	DEFINITION	
Particle	A very tiny object such as an atom or molecule, too small to be seen with a microscope	
Atom	om A small particle of matter that makes up substances	
Particle Model	A way to think about how substances behave in terms of particles	
Diffusion	The process by which particles in liquids or gases spread out through random movement from a region where there are many particles to one where there are fewer	
Gas Pressure	Caused by collisions of particles with the walls of a container	
Evaporate	Change from liquid to gas at the surface of a liquid at any temperature	
Boil	Change from liquid to gas of all the liquid when the temperature reaches boiling point	
Condense	Change from gas to liquid when the temperature reaches boiling point	
Melt	Change from solid to liquid when the temperature reaches melting point	
Freeze	Change from solid to liquid when the temperature reaches melting point	
Sublime	Change from a solid directly into a gas	
Boiling Point	The temperature when something boils or condenses	
Melting Point	The temperature when something freezes or melts	

Solids



- Have a fixed shape, and a fixed volume
- Cannot be compressed
- Particles are closely packed in a regular arrangement
- Particles are fixed and can only move by vibrating

Liquids

- Take the shape of their container, but have a fixed volume
- Cannot be compressed
- Particles are closely packed but randomly arranged
- Particles move randomly over each other

Gases

- Expand to fill the space of their container
- Can be compressed
- Particles are spread out and randomly arranged
- Particles move quickly in all directions







The **particle model** is the model we use to explain the properties of solids, liquids and gases. These **particles** are the **atoms** or **molecules** that the substance is made of.

Solids, liquids and gases are the three **states of matter**. The **particles** are **arranged** differently in each state. If you heat, or cool down a substance it will change **state**.



The **melting point** is the temperature at which something **melts** or **freezes**. The **boiling point** is the temperature at which something **boils** or **condenses**.

If you know the **boiling** and **melting point** of a substance, you can work out what **state of matter** it will be at room temperature

- e.g. Zinc has a **boiling point** of 907 °C and a **melting point** of 420 °C what state would it be at 100 °C, and 500 °C?
- 100 °C is less than 420 °C so it must be solid

500 °C is greater than 420 °C but less than 907 °C so it must be a **liquid**.

Evaporation and **boiling** are both **liquid** → **gas** state changes.

Evaporation happens at any temperature. Only the **surface** layer turns into a gas. It is much **slower** than boiling.





Gas pressure is caused by gas particles hitting the walls of a container. If there are **more particles** or a **higher temperature** the pressure will increase because there are more collisions.

Diffusion

- Particles spread out from high
- concentration to low concentration.
- Particles move **randomly** until they are evenly spread out.
- Diffusion is **quicker** at **higher**

temperatures







gas

liquid

solid

boiling point

melting point

A **pure substance** is made of only one kind of atom or molecule.

- The **particles** are all the same
- They have a **fixed melting** and **boiling point**
- They cannot be separated

FORCES 1 – Speed



You can plot the distance something travels on a distance-time graph to help describe complicated journeys that have objects moving at different speeds.









FORCES 1 – Gravity



ORGANISMS 1 – Cells

KEY WORD DEFINITION		Microscopes magnify very small objects like cells so we can evepiece lens				
Cell	The unit of a living organism that can carry out life processes	see them.				
Unicellular Living things made of only one cell		 Move the stage to the lowest position Place the slide onto the clips on the stage objective lenses 				
Multicellular Living things made of many cells organised into tissues		Select the lowest magnification objective lens Stage				
Tissue	Group of cells of one type	Repeat using	g a higher magni	fication objective lens to see		
Structural Adaptation	Structural Special features to help a cell carry out its functions Adaptation Comparison		nore detail. magnification o	f the microscope When drawing cells, just		
Cell Membrane	Surrounds the cell and controls the movement of substances in and out of the cell	total mag	gnification =	eyepiece lens × objective lens		
Nucleus	Contains genetic material (DNA) which controls the cell activities	e.g. ii the eyepie	10 10 10 10 10	$\times 20 = 200$		
Vacuole	Area in a cell that contains liquid and can be used by plants to keep the cell rigid and	Examples of s	pecialised anim	al cells are shown in the table below.		
	store substances	Cell Name	Image	Structure and Function		
Mitochondria	Part of the cell where energy is released from food molecules	Sperm Cell		Long tail to allow the cell to swim to meet the egg, lots of mitochondria to		
Cell Wall	Strengthens the cell. In plant cells it is made of cellulose	Red Blood Cell		No nucleus to make space for lots of haemoglobin to carry oxygen		
Chloroplast	Part of plant cell that absorbs light energy so the plant can make food			Prenched structure allows it to communicate with other pervs calls to pass		
Cytoplasm	toplasm Jelly like substance where most chemical processes happen		30 - J	messages		
Cells ar	e the smallest building blocks of life. All living things are made of cells	Ciliated Cell		The hairs called cilia waft dust particles out of the lungs and throat collected i mucus		
nucl	Animal cells have similar features:	Muscle Cell	_	The muscle cells have lots of mitochondria for energy, and they can contract and expand		
mem	Nucleus: contains DNA so it can control the cell and allow it to copy brane itself.	Examples of s	pecialised plant	t cells are shown in the table below.		
· · · · · cytop	lasm Cytoplasm : a jelly like substance where chemical processes happen	Cell Name Image Structure and Function		Structure and Function		
mitoche	hondria Cell Membrane: surrounds the cytoplasm and controls the movement of substances into and out of the cell	Palisade Leaf Cell		Has lots of chloroplasts to absorb light and produce glucose in photosynthesis		
	from food	Root Hair Cell Has a large surface area to absorb water. No chl it's underground.		Has a large surface area to absorb water. No chloroplasts are needed because it's underground.		
nucleus membrane cytoplasm mitochondria	Chloroplast vacuole cell wallPlant cells have the same features, but also have:Chloroplasts: where photosynthesis takes place so plants can make food using sunlight. Vacuole: to store liquid to keep the cell rigid Cell Wall: a strong wall made of cellulose which gives the cell its shape.	A ba	flagellum membrane cell wall	A bacteria is an example of a unicellular organism. A life form made of only one cell. Organisms made of many cells are called multicellular organisms. Animals, plants and fungi are all examples of multicellular organisms. 41		

ORGANISMS 1 – The Muscular Skeletal System

KEY WORD	DEFINITION	
Organ	Group of different tissues working together to carry out a job	
Nervous System	ervous System Sends electrical signals around your body	
Digestive System	Breaks down and then absorbs food molecules	
Circulatory System	Transports blood around the body carrying oxygen	
Respiratory System	Replaces oxygen and removes carbon dioxide from the blood	
Muscular Skeletal System	Muscles and bones work together to cause movement and support the body	
Joints	Places where bones meet	
Ligaments	Connect bones in joints	
Tendons	Connect muscles to bones	
Cartilage	Smooth tissue found at the end of bones which reduces friction	
Bone Marrow	Tissue found inside some bones where new blood cells are made	
Antagonistic Muscles	Muscles working in unison to create movement	

In multicellular organisms there are different cells organised in a hierarchy as tissues, organs and systems





A **tissue** is made of many of the same **cells** e.g. muscle tissue is made of muscle cells.

An organ is made of many tissues that work together for a specific function. e.g. your **biceps muscle** is made of **muscle** tissue and tendon tissue

An organ system is made of many organs, some are listed in the table below

l	System	Major Organs	Function
l	Nervous brain and nerves		Sends signals around the body
l	Digostivo	stomach and	Breaking down and absorbing
l	Digestive	intestines	food
l	Circulatory	heart and blood	Moving blood around the
l		vessels	body
Re	Respiratory	lungs	Gas exchange and breathing



The **skeleton** makes up the **bones** in your body.

- The function of the **skeleton** is to... hard outer bone
- support the body
- protect vital organs
- help us move
- create more blood cells
- bone marrow

sponge

bone

Bones...

- have a very hard thin outer layer
- have a **spongey layer** in the **middle** that can compress,
- **bone marrow** in the **centre** where **blood cells** are made.



triceps

contracts

Joints are where bones meet. They are held together with ligaments.

The synovial fluid, and soft cartilage help reduce friction so the bones move smoothly.

There are 3 types of joints...

Hinge joints: can only move forward and backward e.g. your knee or elbow Ball and Socket Joints: can rotate in most directions e.g. your hip or shoulder **Fixed Joints:** cannot move e.g. your ribs

Muscles are connected to bones via tendons Muscles make your body move by getting shorter and pulling on bones Muscles work in antagonistic muscle pairs. When one muscle contracts the other biceps relaxes muscle must relax. When you want to **bend** your arm the **biceps** biceps triceps get smaller and the triceps get longer. contracts relaxes

When you wish to **straighten** your arm. The biceps get longer and the triceps get shorter.

Los números
1 un(o) / una
2 dos
3 tres
4 cuatro
5 cinco
6 seis
7 siete
8 ocho
9 nueve
10 diez
12 UUCE
14 Calorce
16 diacisáis
17 diacisiata
18 dieciocho
19 diecinueve
20 veinte
21 veintiuno
22 veintidós
23 veintitrés
24 veinticuatro
25 veinticinco
26 veintiséis
27 veintisiete
28 veintiocho
29 veintinueve
30 treinta
31 treinta y uno
40 cuarenta
50 cincuenta
60 sesenta
70 setenta
80 ochenta
90 noventa
100 cien
200 doscientos
400 cualiocientos
600 seiscientos
700 setecientos
800 ochocientos
900 novecientos
1000 mil

Salud	los	Gre	eetings	١.	Tod
¡Buenos dí	as!	Good morning			¿Cóm
jBuenas ta	rdes!	Go	od afternoon		Mell
¡Buenas noches!		Good evening			¿Cóm madr
¡Hola!		Не	llo		Se lla
¡Adiós!		Go	odbye		¿Cuá
iHasta lueg	go!	See	e you later	-11	tiene
Por favor		ple	rase		Tiene
Gracias		the	ank you		¿Cuá cump
¿Cómo esta <mark>OR</mark> ¿Qué ta	ás? al?	How are you?			Mi cu eld
¿Υ tú?		And you?			¿Dón
Estoy		l a	m		Vivo
fenomenal		gre	eat		
bien		go	od/fine	4	rator
regular		ok			Q:0
mal		ba	d		64
ifatal!		ам	ful!	7	
Colores	Colours		Los me	ses	Mont
azul	blue		enero		January
verde	green		febrero		Februa
marrón	brown		marzo		March
gris	grey		abril		April
negro/a	black		mayo		May
			junio		June

white

yellow

pink

orange

purple

red

julio

agosto

octubre

septiembre

noviembre

diciembre

blanco/a

amarillo/a

rojo/a

rosa

naranja

morado/a

: mí All ab	out me	
as? What's	your name?	
My nam	ie is	er
a tu What's mother	your s name?	Er ha
Her nan	ne is	m
How old	l is your	m
She is	years old.	m
When is birthday	your /?	m
es My birth	nday is on f	m
Where a	lo you live?	m
I live in		m
OFELLZ		. 🔵 📩
unplear	TOSI	—
	- 0: <u>C</u>	u
cTienes maso	cotas/ anima	les? ui
	Vec 1 hours	ui
No, no tengo	No, I don't	sc hi
un caballo	a horse	
	a quinea ni	
	a rabbit	
un conejo		u
un gato	a cat	u
un pájaro	a bird	u
un perro	a dog	
un pez	a fish	
un ratón	a mouse	
una tortuga	a tortoise	
un hámster	a hamster	
	mí All abordination allo allo allo allo allo allo allo al	a mí All about me s? What's your name? My name is A u What's your mother's name? Her name is Her name is Her name is She isyears old. She isyears old. When is your birthday? She isyears old. Where do you live? Hive in Where do you live? I live in Stitengo No, no theof Yes, I have No, no tengo No, a don't have a dog un coton tengo A dog un pajaro a fish un ratón a tortoise un totruga a tortoise

Mi familia	My family
¿Cuántas personas hay en tu familia?	How many people are in your family?
En mi familia hay <u>tres</u> personas	In my family there are three people.
mi hermano	my brother
mi hermana	my sister
mi padre	my father
mi madre	my mother
mis padres	my parents
mi abuela	my grandmother
mi abuelo	my grandfather
mi primo	my male cousin
mi prima	my female cousin
mi tía	my aunt
mi tío	my uncle
unos gemelos	twins
un gemelo	a twin brother
una gemela	a twin sister
soy hijo único/ hija única	an only child
un hermanastro	a step-brother
una hermanastra	a step-sister
un padrastro	a step-father
una madrastra	a step-mother
un nieto	a grandson
una nieta	a granddaughter
Tiene los	ojos S/he has eyes
azules	blue
marrones	brown
verdes	green
grises	grey

	Carácter	Character	Asi
-)	Mellevo	I (don't)	
	bien/mal	aet on well	
	conporque	withbecaus	e
- 1	es	s/he is	
	simpático/a	nice	
	serio/a	serious	
-	gracioso/a,	funny, fun	
_	divertido/a		
	trabajador/a	hard-working	
	perezoso/a	lazy	
	sociable	outgoing	
_	tímido/a	shy	POLICÍA
	hablador	talkative	
	callado	quiet	1.1
-	egoísta	selfish	
_	generoso/a	generous	CARTERO
	paciente	patient	
	impaciente	impatient	
-	optimista	optimistic	ARTISTA
	pesimista	pessimistic	
	bueno/a	good	
	maio/a,	baa, naugnty	
	travieso/a	cilly mad	EMPRESARI
	inteligente	intelligent	
	listo	clever	
- 1	estúnido/a	stunid	
	imaginativo/a	imaginative	
-	creativo/a	creative	
	interesante	interesting	
-	aburrido/a	borina	
		J	
	Descripcio	ón física	
	Physical de	escription	
	Es	He/she is	A
	alto/a	tall	CORTO
	bajo/a	short	
	gordo/a	fat	$\langle \cdot \rangle$
	delgado/a	thin	
s	guapo/a	good looking	RIZADO
	bonito/a	pretty	
	feo/a	ugly	
	grande	big	
	pequeño/a	small	PELIRROJO

Las profesion	es Jobs
mi madre/ padre/ tío/a/ hermano/a es	my mum/ dad/ uncle/ aunt/ brother/ sister is
médico	doctor
abogado	lawyer
azafata	flight attendant
taxista	taxi driver
farmacéutico	pharmacist
enfermero/a	nurse
bombero	fire fighter
policía	police office
soldado	soldier
profesor/a	teacher
camarero/a	waiter/ress
dependiente	shop assistant
piloto	pilot
ingeniero	engineer
informático	it engineer
secretario/a	secretary
recepcionista	receptionist
Tione of sole . C	Allahad hain
rubio	He hashair
marrón	brown
pelirroio	ainaer
negro	black
blanco/gris	white/grey
largo	long
corto	short
rizado	curly
ondulado	wavy
liso	straight
Tiene	He/she has
un bigote	a moustache

a beard

glasses

43

una barba

gafas

Adjetivos Adjectives

In sentences where the noun and the adjective are next to each other, in Spanish the noun usually comes first. In English it is the other way round. For example: *I have a white dog* – **Tengo un perro blanco** A biq garden - Un jardín grande Many adjectives change their ending to agree with the

noun. You should check the gender and if it is singular or plural. For example:

Tengo un hermano alto. I have a tall brother. Tengo los ojos marrones. I have brown eyes.



Make your

sentences

interesting

more

Pronombres Pronouns

Most verbs in Spanish have six forms which correspond to their respective pronouns and which will be listed in the following order:

1) **yo**(I)

2) tú (you-familiar a person you know well, a familiar relationship)

3) él/ella/usted (he/she/you-formal a person you don't know, a formal relationship)

4) nosotros/nosotras (we)

5) vosotros/vosotras (you-plural-familiar [only used in Spain])

6) ellos/ellas/ustedes (they/you-plural-formal [Spain]/you-plural [L. America])

It's essential that you get the correct ending for the person you're talking about in Spanish because pronouns don't tend to be used in Spanish.

Marcadores temporales Time phrases

Pasado		Prese	nte	Futuro		
Ayer	yesterday	Ноу	today	Mañana	tomorrow	
La semana pasado	Last week	Normalmente	Normally	La semana que viene	Next week	
El mes pasado	Last month	A veces	sometimes	Esta tarde	This afternoon	
Anoche	Last night	Siempre	always	El fin de semana que viene	Next weekend	
Hace dos días	Two days ago	Todos los días	Every day	Más tarde	later	
El fin de semana pasado	Last weekend	De vez en cuando	From time to time	marcac tempo	lores rales	
El verano pasado	Last summer	A menudo	often	(\mathbf{D}	

	<u>A</u> dje	ctives	<u>C</u> onr	nectives	<u>O</u> p	inions	I ntensifiers Nega		atives	
Jr	simpático/a	nice	У	and	me gusta	l like	muy	very	no hay	there is/ are not
S	antipático/a	unpleasant	pero	but	no me gusta	I don't like	un poco	a bit	sin	without
	divertido/a	fun	también	also, too	prefiero	l prefer	algo	somewhat	nunca	never
na	tímido/a	shy	porque	because	me encanta	l love	suficiente	enough	nada	nothing
···	perezoso/a	lazy	ya que	because	pienso que	I think that	bastante	quite	nadie	no one
	inteligente	intelligent	con	with	me mola	l like	realmente	really	tampoco	neither
	guapo/a	good-looking	sin embargo	however	me apasiona	l love	casi	almost	ni ni	neither nor
	delgado/a	slim	no obstante	nevertheless	me chifla	I adore	mucho/a	a lot	jamás	never
	gordo/a	fat	aunque	although	no soporto	can't stand	tan	so	no es	he/she/ it is not
	aburrido/a	boring	por otro lado	on the other hand	no aguanto	I can't stand	demasiado	too	casi nunca	almost never
	grande	big	así que	so	odio	I hate				
	pequeño/a	small	tampoco	neither	no me gusta	I really don't like				
	bonito/a	pretty	además	furthermore	nada					
9	SPANISH		Key ve structure	rbs and es – past	Key verbs	s - present		Key verbs and fut	l structures - ure	
			cuando <mark>era</mark> pequeñ/a	When I was little	estoy	I am (physical)	ՀԼ ՠ	iando sea ayor	When I am older	
			tenía	l had	está	he/she is (physi	ical) si	pudiera	If I could	
			me gustaba	I used to like	tengo	I have / I am (a	ge m	e gustaría	I would like to	

	structures - past		key verbs - present		future		
-	cuando <mark>era</mark> pequeñ/a	When I was little	estoy	I am (physical)	cuando sea mayor	When I am older	
	tenía	l had	está	he/she is (physical)	si pudiera	If I could	
	me gustaba	l used to like	tengo	I have / I am (age only)	me gustaría	I would like to	
había There used to be			tiene	he/ she has/ is (age only)	Spellin	o rule:	
Verbos Verbs king about yourself, the verb normally n 'o'. For example: pelo castaño. I have brown hair. de bombero. I work as a fire fighter.			soy	l am (character)	CAROLINA Only the consonants in the word CaRoLiNa can ever		
			es	he/ she is (character)			
			me llamo	my name is (I am called)			
king ab	out someone else.	the verb	se llama	his/ her name is	be doubled if in doubt, use		
nds in either 'a' or 'e'. For example: Alex. S/He is called Alex. Iainault. S/He lives in Hainault.			vivo en	l live in	singular.		
			vive en	he/ she lives in			
king about you and someone else or			me llevo bien con	l get on well with			
ople (like you and your family), the verb nds in 'amos' or 'emos'. For example:			se lleva bien con	he/ she gets on well with			

I work

he/she works

there is/ there are

trabajo

trabaja

hay

When ta ends with Tengo el Trabajo d

When tal usually er Se llama Vive en H

When tal other pec usually er os' or 'emos'. For exa Mi mejor amigo y yo tenemos doce años. My best friend and I are 12 years old. Mi familia y yo nos llevamos genial. My family and I get on great.