

Summer 2 - Year 8 Name:

# openacademy

Just reading through your books or a knowledge organiser is not always an effective way to revise. Instead, you should do something with the information. Choose an example of the revision methods on the pages or see if you can come up with another method.

The knowledge is evolutionary not revolutionary. Approximately half the knowledge is new and half helps you revise. Many of the activities are changing. We hope you enjoy them.

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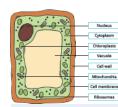
# Idea

Plant Cell

Make some flash cards or PowerPoint slides. Make top trumps.



Make a poster.



Draw spider diagrams, or for the adventurous mind maps.

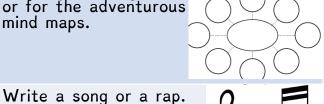
Write a story or comic

strip.

Write a quiz.

Design a game.

Plan a lesson



**Explanation** 

Write down key words, auotation, auestions or eduations on one side of a card. On the other side, write the definition or answer. Use them to test yourself.

Turn your notes into posters with lots of colour and illustrations. Summarising the key information in a different way is an effective way of learning and your brain will remember the colours more easily. Do the title last!

Write the topic/keyword in the centre of your page. Add everything you know in subtopics. Then explore each subtopic in turn adding more ideas. Colour/pictures help you recall.

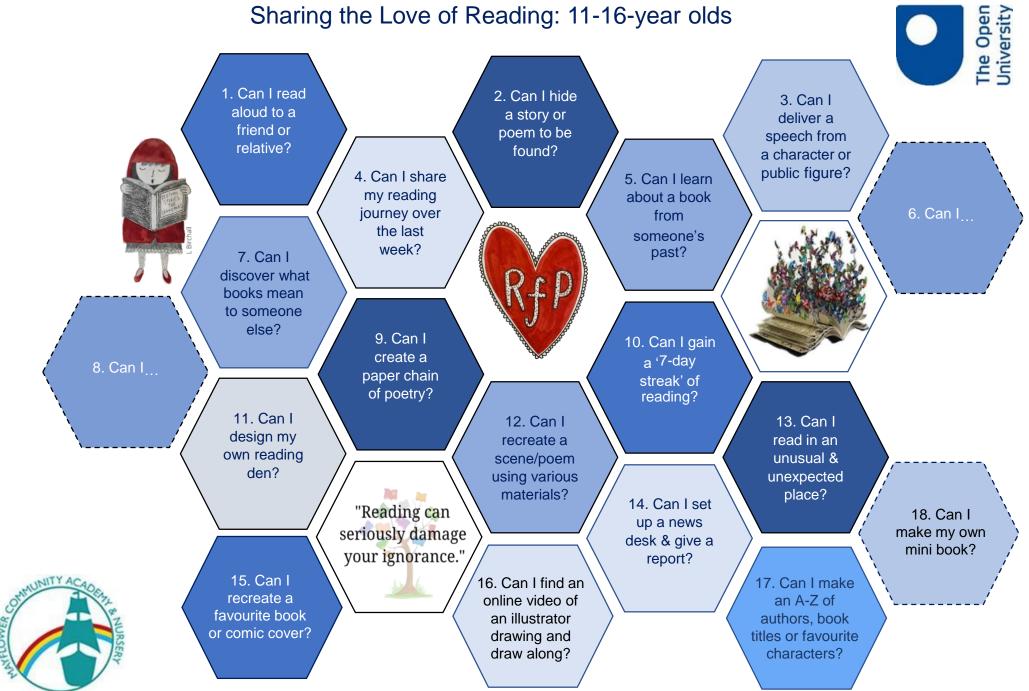
Are there songs that stick your head. Change the lyrics to the information you want to learn. If you record and listen back it will be a more fun way of revising.

If you teach something to someone else the chance of recalling it is really high. This has been found to be the most effective way of learning something for the long term.

Take the keywords or facts that you need to learn and turn them into a story or a cartoon. The sillier the story the more likely you are to remember it.

Playing is how we learn as young children and it is a very powerful way of learning throughout life. If we enjoy the game it helps us remember.

# Sharing the Love of Reading: 11-16-year olds



# Year 8- Summer 2

We have been looking at drawing and painting Eyes this term.

This sheet shows the Different stages of simple outline to detailed drawing. Try to practise this at home using your own eye or a parent. Remember the secret is "looking really hard!"



We have also studied these two artists and how they painted their own eyes.

# Rub out your guideline and add tone to make the eye look more realistic

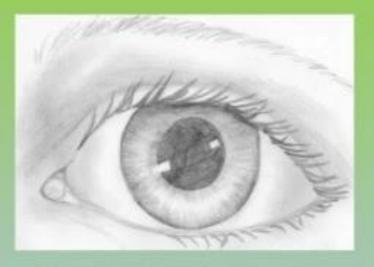
ALL: Draw the basic shape of an eye, looking at the shapes and starting to add tones.

MOST: Carefully draw the shapes in the eye, adding a variety of tones and details.

SOME: Draw the eye with accuracy, adding lots of details and tones. You will fill the space and draw what you can see, not what you imagine!

The iris should have a variety of tones and tends to get darker towards the outer ring.

Even the white part of the eye has tone towards the edges, giving the eye form.





Physical Theatre is a genre of theatre where physical movement is used to tell the story rather than dialogue.

Physical theatre shows that you don't have to use words to express ideas. It uses techniques such as movement, mime, gesture and dance and can be used to explore complex social and cultural issues.

Physical theatre is often abstract in style and uses movement in a stylised and representational way.

Abstract is the opposite of realistic, a character or concept may be symbolised rather than literal.

Stylised is an attempt to enhance a scene using unnatural methods.

Representational is to represent reality or an aspect of real life rather than show realistically.

# YEAR 8 DRAMA – METAMORPHOSIS





The Metamorphosis adapted by Steven Berkoff and based on the 1915 novella by German writer Franz Kafka.

It tells the story of Gregor Samsa, a travelling salesman who has his whole life ahead of him, but awakes one morning as a massive insect. The Samsa family have to adjust to Gregor's new state but as time goes on, the family lose hope that Gregor will ever return to his normal state.

Steven Berkoff is a British actor, playwright and theatre practitioner. He is recognised for staging work with a heightened performance style. His work combines physical theatre, total theatre which combines all elements such as music, voice, movement and spectacle, together and expressionism which seeks to express the inner world of emotion rather than external reality.



How might a restaurant use the fact

Compare the two dishes and explain

which dish is a healthier choice. Use

the traffic light system to help you

with your answer (6 marks).

Why is it important to include a vegetarian symbol on food packaging

of vegetarian products? (2 marks)

they only use

Food packaging

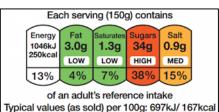
# Food Packaging

Food packaging Food is packaged to protect the product during transport	FAIRTRADE	FSC		British Con Quality	VV
and whilst sitting on shelves. <u>Why is food labelling</u> <u>important?</u> Symbols on packaging show	Giving farmers a fair price for their products.	Forest Stewardship Council - helping effectively manage forests.	Suitable for home freezing.	Eggs have been produced to the highest standards of food safety.	Vegetarian approved - free from animal products.
important information to customers.	C	RESUMPCED BE		HALAL	RSPCA ASSURED
Example exam questions: Seasonal produce and air miles What are the advantage of buying locally produced, seasonal produce? (6 marks) Explain the disadvantages of buying imported foods. (10 marks) Explain the term 'air miles' (3 marks) Explain the term 'seasonal produce'	This product can be recycled.	A British organisation that promotes and regulates food quality.	Tidy man - do not litter.	Food which abides by the Islamic law. The Islamic way of slaughtering is cutting the throat and draining the blood.	An ethical food label - helping farm animals have a good life.

# <u>Reference intake</u>

You'll see reference intakes referred to on food labels. They show you the maximum amount of calories and nutrients you should eat in a day. Most packaging has a colour coded label on the front to help you make healthy choices.

Reference in take amounts: Kcal (calories) - 2000 Total Fat -70g Saturated fat - 20g Sugar - 90g Salt - less that 6g



Red means HIGH in that nutrient Amber means MEDIUM in that nutrient Green means LOW in that nutrient

Reference intakes are not meant to be targets. They just give you a rough idea of how much energy you should be eating each day, and how much fat, sugar, salt and so on.

The percentages represent how much of your reference intake is in the product, e.g. the product has 3.0g of FAT in it, that is 4% of 70g of fat.

# Food Provenance

# Manufactured foods

Manufactured foods are foods that have undergone any process that has changed them from their natural state. This includes products that have many ingredients and several processing steps such as a pre-prepared meal







Crisps

Sandwiches

# Grown Foods

Foods that are grown on giant farms, greenhouses, or giant poly-tunnels. Often the foods are sprayed with chemical pesticides and fertilisers to make identical shape and size foods. Many processes are done by machine to make these foods cheaper.

Fields

Sausage rolls





Poly tunnels

Green houses

# Foraging and gathered Foods

Foraging or gathering food from the wild is a way of getting fresh, good quality, local ingredients. Food gathered from the forests, countryside and hedgerows can provide a huge range of ingredients (for free!).





Mushrooms

apples

# **Reared Foods**

Animals raised for their use, often for food. Intensive farming produces cheap produce, but does not always provide the best welfare for the animals involved. Free Range is a kinder but more expensive method of farming animals. More space is needed for fewer animals

berries





# Dairy cows

Pigs for Pork

Chicken

# <u>Chocolate orange cookies</u>

125g butter, softened
100g light brown soft sugar
125g caster sugar
1 egg, lightly beaten
225g self-raising flour
200g chocolate chips
1 orange

<u>Equipment</u> Weighing scales Bowl Spoon Baking tray jug

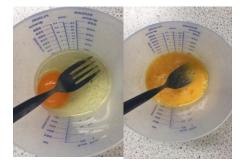
<u>Skills</u> Weighing Whisking Shaping Baking



1. Pre-heat the oven to 190C. Weigh out the butter and the sugar.



2. Cream the butter and sugar together.



3. Mix the egg in a jug and add a little at a time to the butter mixture.



3. Add the flour and chocolate chips and orange zest. Mix well.



4. Split the mixture into 12 even balls, 6 per tray. Bake for 10 minutes until golden on the edges and soft in the middle. You can change this recipe to make: -Chocolate orange cookies -Cranberry and white chocolate cookies -Peanut butter cookies

# Jambalaya

Ingredients

1 pepper 1 onion 1 garlic clove  $\frac{1}{2}$  can chopped toms 125g rice 250ml boiling water 1 vegetable stock cube 1 chicken breast Salt Pepper paprika



1. Chop the onion, pepper and garlic. Cut the chicken into cubes



2. Heat the oil, add the chicken, onion and garlic. Cook until the onions are soft and the chicken is white.



3. Add the paprika and mix so its all coated.

<u>Equipment</u> Pan Spoon Knife Chopping board Jug Kettle

<u>Skills</u> Seasoning Frying Chopping



4. Cut the pepper into chunks.





5. Add the peppers and rice and stir.

6. Mix the stock cube with 250ml until it is dissolved.



7. Add all the stock and cook for around 10 minutes.



8. Add half the can of tomatoes and stir until the water has soaked into the rice.



9. Once the rice is cooked and the liquid has gone stir through the sweetcorn and cook for a couple of minute.

# <u>Practical Assessment 3:</u> <u>Creamy chicken pie</u>

# **Ingredients**

1 onion

2 chicken breasts

<u>Optional:</u> 4 rashers of bacon

90g cream cheese

Stock cube

4 large potatoes

Salt and pepper

Splash of milk

Tbsp butter

#### Optional vegetables (choose at least 1)

Mushrooms

Leek

Sweetcorn

# Equipment

Saucepan Masher Knife Red chopping board White chopping board Frying pan Wooden spoon Pie dish <u>Method</u>

- 1. Fill a saucepan just over half way with water and put onto boil. Preheat the oven to 180°C.
- 2. Prepare your vegetables: dice the onion, slice your vegetables and cut your potatoes into chunks. Dice the chicken.
- 3. When the water has boiled, add your potatoes and cook for around 20 minutes until soft.
- 4. Fry the onions and chicken for 10 minutes, until the onions are translucent and the chicken white.
- 5. Add the vegetables and cook for another 3-5 minutes. (Leeks will take 5 minutes longer than mushrooms or sweetcorn).
- 6. Stir through the cream cheese, half the stock cube and season with and salt and pepper.



# Year 8 Summer term Textiles – Making a textile product

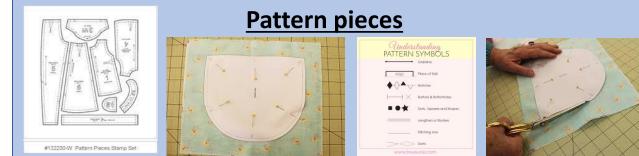
# Making a textile product

Design brief Design a fabric monster that will be added to a CAM toy to keep a child entertained.

This half term you will be making a textile product from the design brief above. What will you need to consider when designing and making for a child? How will you know if your product is suitable?



Designers need to think about who will use the product, when and how?



Pattern pieces are usually made from paper and they are like stencils. They allow us to cut out exactly the same shape every time. They are pinned onto fabric and fabric scissors are used to around the paper pattern. Sometimes tailors chalk is used to draw around the pattern piece first then it is cut out

What is tailors chalk? When and why did you use it?

Pattern pieces have symbols on them to tell us to do certain things. Use this link to find out what the symbols mean: <u>https://www.createandcraft.com/gb/sewing-pattern-symbols</u> <u>https://www.youtube.com/watch?v=ioLMA3N230U</u> – click on this link to see fabric being marked and cut using a paper pattern.





# Sewing a seam

For this project you will learn how to make a simple fabric product to go onto the top of your frame. You will use a paper pattern to draw around, tailors chalk to mark the lines, fabric scissors to cut the fabric and a sewing machine to permanently join your fabric. Your fabric monster will be attached to your CAM frame to make a moving toy.

# How to make your textile part (this is in your

# booklet too)

Step 1 Cut out your fabric using your paper pattern x2, one for the front and one for the back Step 2 Decorate the front and back pieces according to your design using the decorative skills you have learnt this year

Step 3 Cut out any additional pieces you need, for example for arms, legs, hair which will be added on, this may be made from felt.

Step 4 Pin fabric together, good sides facing, add any felt pieces inside and pin them

Step 5 Sew your pieces together on the sewing machine, checking you have selected the correct stitch and it is threaded properly. Leave a small hole.

Step 6 Check your seams are strong then turn your fabric the right way through the hole you have left.Step 7 Stuff your textile product and attach to your follower by sewing and glue gun.



https://www.instructables.com/how-to-sew-a-seam/ How to produce a seam on the sewing machine

https://www.youtube.com/watch?v=27aXDI6z6eo sewing 2 pieces of fabric together

<u>Careers using this knowledge</u>: Fashion designer, textile designer, tailor, pattern maker, upholsterer, material engineer.



Watch

this!

# Components of Physical Fitness

# Aerobic Endurance

The ability of the heart and lungs to work hard to supply nutrients and oxygen to the muscles during exercise.

# **Muscular Endurance**

The ability of the muscles to work efficiently for long periods of time

# Speed

The ability to cover a distance quickly. There are 3 types of speed (Accelerative speed, Pure speed and Speed Endurance.

# Muscular Strength

The maximum force, measured in kilograms (Kg) or newtons (N) that can be generated by a muscle or group of muscles.

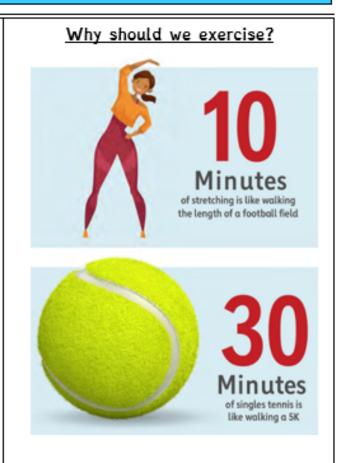
# Flexibility

The range of motion in all joints of the body and the ability to move a joint fluidly through its complete range of movement.

# Body Composition

The amount of fat to fat-free muscle mass.

Can you now link each of the physical components to a sporting example? E.g. what sport would you usually see flexibility being used?



Sport England posted an infographic on Twitter to give reasons why

walking for 30 minutes each day was important. Scan this QR code to see the benefits.



# Components of Skill-related Fitness

Agility - The ability of a sports performer to quickly change direction without losing balance or time

Balance — The ability to maintain your centre of mass over a base of support. There are two forms of balance (static which is maintaining balance in a stationary position and Dynamic which is maintaining balance while in motion)

Co-ordination - The ability of the body to work together to move smoothly and accurately

Power – The ability to use strength and speed. It is the work done in a unit of time and is calculated in the following way Power-= Force (Kg) x Distance (m) / time (mins or seconds)

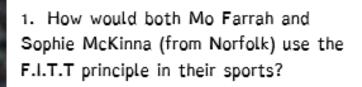
**Reaction time** — The time taken for a sports performer to respond to a stimulus, for example, the time taken for a sprinter to react to the starter gun.

# <u>Athletics</u>

Athletics events consist of three main areas. Running, Jumping and Throwing.

Skill	Description
	An action to move quickly with the correct technique
Running	using arms and legs as efficiently as possible.
	Activities include 100m, 200m, 400m, 800m and relay.
	The technique to propel the body into the air to
Jumping	either cover distance, height or both. The events are
	long jump, triple jump and high jump.
	The ability to propel an object through the air as far
Throwing	as possible. The events are Javelin, Discus and Shot
	Putt.

# British athletes and achieving their goals



- 2. Why is rest and recovery important for an athlete?
- 3. What components of fitness would Mo Farrah need which is different to Sophie McKinna and why would these be important?



Diet and Nutrition for Sport					
Nutrient	Function and Examples				
Protein	Important for growth and development of muscle and tissue as well as making and repairing cells inside the body. Poultry, Fish, Nuts, Dairy and Soy are examples.				
Carbohydrates	Provide energy for the body over a longer period of time and helps fight disease. Potatoes, Pasta, Pulses and Fruit are sources.				
Fibre	Important for preventing constipation and also helps decrease the risk of Type 2 diabetes, heart disease and high cholesterol in later life. Fresh fruits (skin on) Dried fruit, Vegetables, Wholegrains such as brown rice and wheat bread are sources.				
Calcium	Important for strong bones and teeth. It also helps with muscle function, blood clotting and nerve transmission. Dairy products, leafy green vegetables, orange juice are sources.				
Vitamin	Vitamin A is important for eyesight, growth and the functioning of the immune system as well as healthy skin. Dark green				
A, C and D	vegetables e.g. spinach. Sweet potatoes, papayas, milk and eggs.				
	Vitamin C is important for decreasing the amounts of colds you get, fights infections, wound healing, healthy gums and skin				
	and also acts as an antioxidant. Citrus fruits, broccoli, strawberries, tomatoes, peppers and kale are the sources				
	Vitamin D is important for strong bones and teeth as it absorbs calcium. It is also good for immune function. Milk, oily fish,				
	egg yolk and even the sunlight are sources.				



# Earths resources and climate change

Fuels as Energy Resources		Global	Warming Pred	ictions	
Fuels as Energy Resources Fuels store chemical potential energy. Many fuels are used a fossil fuels: •Oil – used to make petrol/diesel/aircraft fuel especially •Coal – burned in power stations to generate electricity •Natural gas – used as a fuel for heating homes and for cook	2070-2100 Prediction vs. 1960-1990 Average			The total amount of greenhouse gases emitted over the full life cycle of	
These are all very useful fuels, but the problem is that they a they are burned, carbon dioxide is produced. Carbon dioxide co because it is a greenhouse gas.	Based on HadCM3		a product/event. This can be reduced by reducing		
Other Energy Resources			0 1 2 3 4 5 6 7 8 Temperature Increase (°C)		
We don't have to use fossil fuels for the uses given above. The resources on Earth, including many renewable resources. E.g. • Sunlight, which we can use to generate electricity with solar • Wind, which can be used to generate electricity using wind the	cells			Human activities that increase carbon dioxide	carbon dioxide and methane.
<ul> <li>The tides, which can be used to generate electricity</li> <li>Waves in the sea, which can be used to generate electricity.</li> </ul>			Carbon dioxide	levels include burning fossil fuels and	
Choosing energy resources	Levels of Decreased CO <sub>2</sub> and from sea	 I land availability evel rise.		deforestation.	There is a global
Many things should be considered to choose an energy resource: -The reliability of the energy resource -The usefulness of the energy resource -How long the resource lasts, and if it is renewable -The environmental impact of the energy resource.	<i>methane in temperatu the delicate h</i> <i>atmosphere weather e</i>	re rise damages abitats, extreme vents harm as of plants and	Methane	Human activities that increase methane levels include raising livestock (for food) and using landfills (the decay of organic matter released	consensus about global warming and climate change based on systematic
Effects of clim		ate change		methane).	reviews of thousands of
Carbon dioxide, water vapour and methane Examples of greenhouse gases that maintain temperatures on Earth in order to support life	Rising sea	levels			peer reviewed
Radiation from the Sun enters the	Extreme weather events such as severe storms		Climate	There is evidence to suggest that human activities will cause	publications.
<b>The greenhouse</b> effect <b>Earth's atmosphere and reflects off of</b> the Earth. Some of this radiation is re-radiated back by the atmosphere to the Earth, warming up the global	Change in amount an rainfa	d distribution of ll	change	the Earth's atmospheric temperature to increase and cause climate	
to the Laith, warming up the global temperature.	Changes to distribution with some becor	of wildlife species ning extinct		change.	



Environment	The conditions surrounding an organism; abiotic and biotic.
Habitat	Place where organisms live e.g. woodland, lake.
Population	Individuals of a species living in a habitat.
Community	Populations of different species living in a habitat.

Plants	Animals	Extremophiles
Cactus in dry, hot desert	Polar bear in extreme cold artic	Deep sea vent bacteria
No leaves to reduce water loss, wide deep roots for absorbing water.	Hollow hairs to trap layer of heat. Thick layer of fat for insulation.	Populations form in thick layers to protect outer layers from extreme heat of vent.



Organisms adaptations enable them to survive in conditions where they normally live.

# POND LIFE (COMMUNITIES AND DISTRIBUTION OF SPECIES

Feedin	g relationsh	ips in a comi	munity	
Producer	Primary consumer	Secondar y consumer	Tertiary consumer	
Grass → Grasshopper → Mouse → Owl				
All food chains begin with a producer e.g. grass that is usually a green plant or photosynthetic algae. Consumers that kill and eat other animals are predators and those eaten are prey.				

In a stable community the numbers of predators and prey rise and fall in cycles.

time

population

prey

Non-living (ABIOTIC) factors that affect a community	Living factors (BIOTIC) that affect a community	
Living intensity.		
Temperature.	Availability of food.	
Moisture levels.		
Soil pH, mineral content.	New predators arriving.	
Wind intensity and direction.	New pathogens.	
Carbon dioxide levels for a plant.		
Oxygen levels for aquatic organisms.	One species outcompeting so numbers are no longer sufficient to breed	

Composition	Plants in a community or habitat compete with each other for light, space, water and mineral ions.
Competition	Animals compete with each other for food, mates and territory.
Interdependence	Species depend on each other for food, shelter, pollination, seed dispersal etc. Removing a species can affect the whole community

# Pressure on surfaces

You may have been warned about swinging around on one leg of a chair. Apart from the risk that you will damage the chair or hurt yourself, the chair leg can damage the floor. This is because it puts too much pressure on the floor.

Calculating pressure To calculate pressure, you need to know two things:

the force or weight exerted the surface area over which the force or weight is spread Pressure is calculated using this equation:

pressure = force ÷ area Example A force of 20 N acts over an area of 4 m<sup>2</sup>. Calculate the pressure.

# pressure = force ÷ area

# $= 20 \text{ N} \div 4 \text{ m}^2 = 5 \text{ N/m}^2$

#### Using pressure

If you walk through snow, you usually sink into it. This is because your shoes have a small surface area. Your weight is only spread out over a small area, so the pressure on the snow is high. However, you will not sink so far into the snow if you are on skis. This is because your weight is spread out over a greater surface area, so the pressure on the snow is low.

## Metal drawing pins.

Drawing pins make good use of different pressures for the same force

Drawing pins have a large round end for your thumb to push. The round end has a large area, so it exerts a low pressure to your thumb. The sharp end has a very small area. The same pushing force produces a high pressure there, so it pushes into the notice board.

If you swing round on one leg of a chair, you put four times as much pressure on one point of the floor as you do if you sit properly. This is because four chair legs spread the pressure over four times more area than one chair leg can.





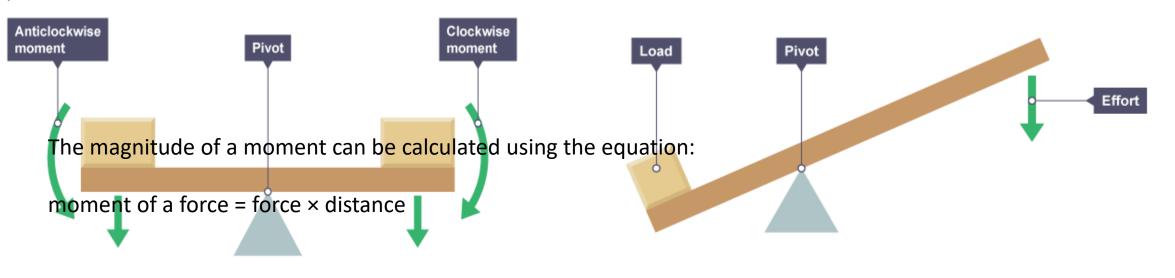


# Simple levers and rotation

A simple lever could be a solid beam laid across a pivot. As effort is applied to rotate one end about the pivot. The opposite end is also rotated about the pivot in the same direction. This has the effect of rotating or lifting the load.

Levers, such as this one, make use of moments to act as a **force multiplier**. They allow a larger force to act upon the load than is supplied by the effort, so it is easier to move large or heavy objects.

The longer the lever, and the further the effort acts from the pivot, the greater the force on the load will be. It is easier to use a longer spanner when trying to turn a nut, and easiest to push furthest from the hinge when opening a door. Example



This is when:

moment (M) is measured in newton-metres (Nm) force (F) is measured in newtons (N) distance (d) is measured in metres (m)



#### Knowledge Organiser: Year 8 Summer Term Part 2 Understanding computers and data representation

#### Summary

Computers require input hardware, processing hardware, storage hardware and output hardware.

CPU - The Central Processing Unit or CPU is arguably the most important component of a computer. You can think of the CPU is being like the brain in a human.

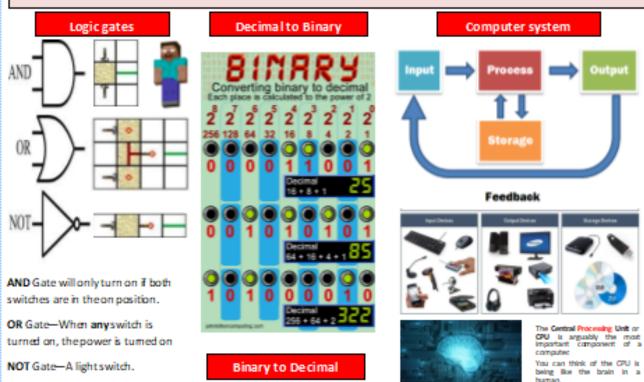
Storage - stores programs and files long term, even when they are not in use. Devices such as hard drives, USB memory sticks or SD cards are used to store files such as photos, music and software applications long term.

An input device is any piece of computer hardware used to provide data to a computer system. Examples include: keyboard, mouse, scanner, digital camera and webcam.

An output device is any piece of computer hardware used to communicate the results of data that has been processed. Examples include: monitor, printer, projector and speaker.

Binary is still the language for computers Binary's 0 and 1 method is quick to detect an electrical signal's off or on state.

Binary is the most efficient way to control logic gates



# Key Vocabulary Binary Base 2. Symbols include up of 1 and 0 Decimal Base 10 also known as denary. Symbols include

up of 012345678 and 9. CPU Central Processing Unit - the brains of the computer that processes program instructions. Also called a microprocessor. Logic gate Compares the state switch inputs to decide what the state at their output should be Hardw are The physical parts of a computer system, e.g. a graphics card, hard disk drive and CD drive. Hardware that sends data to a computer, allowing Input you to interact with and control it. Device Hardware which converts information into human Output -read able for m. It can be Device text, graphics, tactile, audio, and video. Storage Hardware on which information can be stored Software Software is the programs that run on a computer. Commonly called apps

Units of information

Bit	1 or 0
Byte	8 bits
Kilobyte	1,000 bytes
Megabyte	1,000 kilobytes
Giga byte	1,000 Mega bytes
Terabyte	1,000 Giga bytes.
http:/	/bit.ly/2Qxi9ab
	itesize

PRACTICE





# Topics covered

- What is Norwich like?
- Natural/man-made features
   How is Norwich changing?
- ✓ Do geographical ideas and theories work in Norwich?
- ✓ What are data types?
- $\checkmark$  How can I collect data?
- ✓ How can I present data?
- What does my data tell me?

Designed by KMU for Open Academy 2019

# Year 8 Local Fieldwork Project - Norwich

# Key Ideas:

- 1. I can define my local area
- 2. I can describe different areas within Norwich
- 3. I can ask geographical questions about my local area
- 4. I can test ideas and theories about my local area
- 5. I can report on the findings of my local area investigation

# Skills

- To use GIS (digital mapping) to describe/ locate my local area
- $\hfill\square$  To use mapping to investigate features
- □ To collect primary (my own) data on my local
  - environment (could also be secondary data)
- To construct tables/graphs/sketches to record observations
- □ To write a detailed analysis of results

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# Key Terms Used in this Unit

□ Primary data □ Secondary data □ Hypothesis □ Transect □ Sampling □ Bi-polar analysis □ Fieldsketch □ Pie chart □ Scattergraph □ Radar graph □ **C**orrelation □ Proportional symbols □ Averages (mean/mode/median) □ **C**onclusion □ Judgement □ Reliability □ Limitations

Places and

Environments

✤ Open Academy

✤ Heartsease

\* Norwich

✤ Trowse

Walk

✤ Riverside

\* Anglia Square

✤ Gentlemans

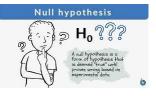
Chapelfield

Evaluation

Norwich has seen many changes to its Land Use over time. Sometimes this was driven by transport changes, WW2, new housing demand and retail changes.



A 'hypothesis' is a type of  $\ensuremath{\mathsf{auestion}}$  or idea that could be tested to be True or false.



Are there any ideas that could be tested linked to the previous images?





A good fieldwork project always introduces the study area in detail.



How would you introduce the location of Norwich?

Line graphs enable us to compare types of data. If the data is linked it will show a Diagonal trend line.





No correlation There is no relationship between the two variables

Can you think of 2 types of data that would be linked?

Norwich is continuing to grow outwards over time. This means that the surrounding countryside is being lost to 'urban' land use.

The demand for housing is the main cause of recent changes along with the building of new main roads.

The NDR is now built. Currently there is on-going debate about the need to link up the A47 and the NDR to enable a 'ring road' type scenario.

Environmental groups and members of the public have voiced concerns over the route.

Business leaders are in favour of moving ahead with the plans.



Broads Authority Area joutside the GNLP area

Do you think that the NDR – A47 link is a good idea?

#### Why do house prices keep rising?



Once data has been analysed it is important to re-visit the original hypothesis. Ideally you will have different types of data as evidence. You must then make summary statements and observations about what this told you.



Why is it important that you have good data?

#### **5**-14 **1**5-24 ≡ 25-34 35-44 45-54 **55-64 65**+

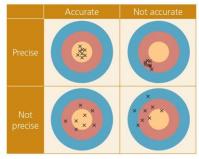
Number of respondents in each age category

Pie graphs are good ways to show data but why are they so effective?

Does Norwich need a restricted housing development

'green belt' like Cambridge and London?

Arguably the most important part of an investigation is the Evaluation. Here you can weigh up the successes and failures. In Geography admitting you made mistakes is a good thing, its also a chance to say how you could improve the project if done again.





What have you learned about your project?







# German

# Module 3: Bleib gesund! (Keeping healthy!)

Here is the vocabulary you will need for Stimmt 2, Module 3.

Remember to listen to the German by clicking on the Soundfile links on the electronic version of this KO.

Das Frühstück • Breakfast				
der/das Joghurt	yoghurt			
der Käse	cheese			
der Schinken	ham			
der Speck	bacon			
der Toast	toast			
der Kaffee	coffee			
der Tee	tea			
der Orangensaft	orange juice			
die Butter	butter			
die Marmelade	jam			
die Orangenmarmelade	marmalade			
die Milch	milk			
die heiße Schokolade	hot chocolate			
das Brötchen	roll			
das Obst	fruit			
das Ei	egg			
die Eier (pl)	eggs			
die Frühstücksflocken (pl)	cereal			



In this Module you will learn how to:

- talk about typical breakfasts
- discuss typical German food
- understand and use recipes
- talk about healthy lifestyles
- understand and respond to longer texts
- describe and compare dinner parties

<u>www.textivate.com</u>

Username: openacademy Password: surname800 Go to 'my resources' to find your work.



# Was isst du zum Frühstück? • What do you eat for breakfast?

Ich esse einen Joghurt.	l eat a yoghurt.
ein Brötchen mit Butter	a roll with butter and jam
und Marmelade	
Ich esse kein Frühstück.	l don't eat any breakfast.
Max isst Toast mit Butter.	Max eats toast with butter.
Ellie und Sarah essen Eier.	Ellie and Sarah eat eggs.
Ich trinke einen Kaffee.	I drink a coffee.
eine Tasse Tee	a cup of tea
Das ist (un)gesund.	That's (un)healthy.
Das ist lecker/furchtbar.	That's delicious/awful.

# German



**Soundfile** 

# Wie ist das? • What is it like?

sweet
sour
salty
spicy
vegetarian
delicious
disgusting

## Im Restaurant • In the restaurant

Was nimmst du?	What are you having?
Ich nehme	I'll take/I'm having
den Fisch	the fish
die Gemüsesuppe	the vegetable soup
das Hähnchen	the chicken
die Nudeln	the pasta



2

# Die Speisekarte • Menu

(der) Fisch mit Reis und Erbsen	fish with rice and peas
(der) Flammkuchen mit Sauerkraut	Flammkuchen with picklea cabbage
(die) Bratwurst mit Eiern	fried sausage with eggs
(die) Gemüsesuppe mit Brötchen	vegetable soup with a roll
(das) Hähnchen mit Pommes frites und Karotten	chicken with chips and carrots
(das) Schnitzel mit Kartoffeln	pork fillet in breadcrumbs with potatoes
(das) Steak mit Rösti	steak with rösti potatoes/ hash browns
(die) Käsespätzle mit Salat	speciality cheesy pasta with salad



Soundfile



## **Soundfile**



# Mein Lieblingssandwich • My fayourite sandwich

das Ketchup	ketchup
der Senf	mustard
der Thunfisch	tuna fish
die Erdnussbutter	peanut butter
die Gurke	gherkin
die Mayo	mayonnaise
die Olive	olive
die Sardelle	sardine, anchov



# Gesund bleiben • Staying healthy

Man muss
acht Stunden schlafen
wenig Fett und Zucker
essen
viel Obst und Gemüse
essen
mehr Wasser trinken
früh ins Bett gehen
drei Stunden trainieren
zweimal pro Woche jogge

5	Staying healthy	
	One/You/People must	
	sleep for eight hours	
	eat little fat and sugar	
	eat lots of fruit and	
	vegetables	
	drink more water	
	go to bed early	
	exercise for three hours	
er	jog twice a week	



Sou	n	d	fi	e



German

Oft benutzte Wörter		
	• High-frequency words	
ormalerweise	usually	
estern	yesterday	
ois	until	
rüh	early	
pät	late	
nehr	more	
venig	little	
veniger	less, fewer	
oft	often	
esser	better	
nein	my	
lein	your	
ein	his	
nr	her	
nit	with	
hne	without	
n	in, into	
uf	on, onto	

# Strategie 3

# Kognaten und falsche Freunde

Cognates and near-cognates are words that are spelled exactly the same or nearly the same as English words and have the same meaning in German. It is helpful to identify these as you can learn them quickly and easily. Look at the word lists on these pages and find all the cognates and near-cognates. You will find more than 20.

Watch out for *falsche Freunde* ('false friends'). These are tricky words that look like cognates but have a different meaning. What does *Marmelade* actually mean?

> Read the Strategy Box for ideas about 'false friends'.





# **Die Mahlzeiten • Mealtimes**

die Vorspeise	the starter
die Hauptspeise	the main course
die Nachspeise	the dessert



# Module 4: Klassenreisen machen Spaß! (School

Here is the vocabulary you will need for Stimmt 2, Module 4. <u>trips are fun!</u> Remember, you can hear the German pronunciation by clicking on the Soundfile links on the electronic version of this KO.

# In der Jugendherberge

#### In the youth hostel

die Hausordnung
Man muss vor 22:00 Uhr ins Bett gehen.
Man muss das Bett machen.
Man muss das Zimmer sauber halten.
Man muss vor acht Uhr aufstehen.
Man muss abwaschen.
Man darf nicht rauchen.
Man darf nicht im
Zimmer essen.
Man darf keine laute
Musik hören.

rules of the house You have to go to bed before ten o'clock. You have to make the bed. You have to keep the room clean. You have to get up before eight o'clock. You have to wash up. You must not smoke. You must not eat in the room.

You are not allowed to listen to loud music.

# In this Module you will learn how to:

- talk about typical breakfasts
- discuss typical German food
- understand and use recipes
- talk about healthy lifestyles
- understand and respond to longer texts
- describe and compare dinner parties

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# <u>Soundfile</u>

# Der Tagesablauf • Daily routine

Ich stehe auf.	1
Ich wasche mich.	1
Ich dusche mich.	1
Ich ziehe mich an.	1
Ich frühstücke.	1
Ich gehe aus.	1
Ich komme zurück.	1
Ich esse zu Abend.	1
Ich gehe ins Bett.	1

I get up. I get washed. I have a shower. I get dressed. I have breakfast. I go out. I come back. I have dinner/the evening meal. I go to bed.







um Uhr	at… o'clock
um fünf/zehn/zwanzig	at five/ten/twenty past
nach	
um fünfundzwanzig vor	at twenty-five to
um Viertel nach	at quarter past
um Viertel vor	at quarter to
um halb acht	at half past seven





# Wie komme ich zum/zur ...?

# • How do I get to the ...?

	0
Geh/Geht/Gehen Sie!	Go!
(nach) links	(to the) left
(nach) rechts	(to the) right
geradeaus	straight on
Nimm/Nehmt/Nehmen Sie!	Take!
die erste Straße links	the first street on the left
die zweite Straße rechts	the second street on the right
Geh an der Ampel links!	Go left at the lights.
Geh an der Kreuzung rechts!	Go right at the crossroads.
der Bahnhof	station
der Park	park
die Bushaltestelle	bus stop
die Kirche	church
das Schwimmbad	swimming pool
das Hallenbad	indoor swimming pool
das Museum	museum
der Markt	market(place)
der Lehrer	teacher (male)
die Lehrerin	teacher (female)
das Souvenirgeschäft	souvenir shop
die Imbissstube	snack bar
das Eiscafé	ice cream parlour
vor dem/der	in front of the
Entschuldigung/Bitte,	Excuse me,
Danke (sehr/schön)./ Vielen Dank.	Thank you very much.
Bitte (sehr/schön). Nichts zu danken.	You're welcome./ Don't mention it.

Soundfile



#### Auf einem Fest • At a festival

der Umzug(=e)	procession, parad
der Festwagen(-)	float (in a parade)
die Band(s)	band, group
das Kostüm(e)	costume, outfit
der Hut(=e)	hat
die Fahne(n)	flag
die Kirmes(sen)	funfair
das Fahrgeschäft(e)	ride (at funfair)
der Imbiss(e)	snack
bunt	colourful
traditionell	traditional
der Trick(s)	trick
das Handy(s)	mobile phone
die Haare (pl)	hair
die Schuhe (pl)	shoes

Read the Strategy Box to improve your accent.



	<u>Soundfile</u>
--	------------------



On Denutzte i	Vorter
	High-frequency words
zu (zum/zur)	to (to the)
vor	before, in front of
groß	big
lang	long
laut	loud
lecker	tasty
schön	nice, beautiful
toll	great
Das macht Spaß.	That's fun.
Das hat Spaß gemac	cht. That was fun.

Oft benutzte Wörter

# **Strategie 4**

## Improving your pronunciation

By now, you should have a good idea of how German words are pronounced, but it is always good to practise. The vowels often cause problems, especially when there are two together. Link the words to the key phonics you learned in *Stimmt!* 1 and say them out loud.

- au sauber as in Haus
- ei Klassenreise as in Eis
- ie Viertel as in Biene
- eu Kreuzung as in Freund

But note that *Museum* is a foreign word (from Latin) and the **e** and **u** are pronounced separately (like 'moozay-um').

Sometimes it's hard to recognise that a word is actually made up of two or more words joined together. Each part of the word is said separately. For example, by themselves **gerade** means 'straight' and **aus** means 'out'. Join them together and you have **gerade**|**aus** (straight on) – written as one word, but sounded as two. Similarly, there's a triple **s** in **Imbiss**|**stube** – the double **s** belongs to **Imbiss** and the other **s** belongs to **stube** – so it is said as two words.

You will recognise some parts of compound words, but with some new words you'll just have to listen carefully and imitate the pronunciation.

<u>Soundfile</u>

# Year 8 History: Democracy and the Suffrage Movement

Britain prides itself in being a DEMOCRACY. This means people have an equal say in who	Timeli	in
runs the country and how. But in the 1800s it meant something very different to today	1897	
The people were not equally represented through enough CONSTITUENCIES	1903	
To vote you had to be over 21, own property and MALE (only 3% of men could vote)	1905	
There were only two main parties: WHIGS and TORIES	1908	
Voting was not anonymous		
GENERAL ELECTIONS were held every 7 YEARS	1909	ł
The Chartists are an example of a campaign group that tried to change this:	1909	
This was a working-class movement, which emerged in 1836 and was most active between	1913	Ī
1838 and 1848. The aim of the Chertists was to gain political rights and influence for the		
working classes.		
Chartists argued more men should be able to vote.,		
MPs should be paid, secret ballot, annual elections,	1913	Î
equal-sized electoral districts. They organised huge		
A State of the second antitions to Parliament in the 4040s		1

MPs should be paid, secret ballot, annual election equal-sized electoral districts. They organised hur rallies and petitions to Parliament in the 1840s. Although there was a Chartist riot in Newport in 1839, Britain avoided the revolutions that swept Europe in 1848. Most of the Chartists demands eventually became law.

#### Emmeline Pankhurst - WSPU

Led the WSPU from October 1903. Took more militent action such as windows smashing, erson and hunger strikes. Arrested numerous times, went on hunger strike and was force fed. Died in 1928.

#### Christabel Pankhurst – WSPU

Became a speaker for the WSPU in 1905. She trained as a lawyer but could not practice as woman. Arrested with her mother. Fled England in 1912 for fear of being arrested again. Unsuccessfully ran for Parliament in 1918.

e of Key Events NUWSS formed. Millicent Fawcett is leader. WSPU formed by Emmeline Pankhurst and daughters. Militant Campaign begins Mass rally in London - 300,000 to 500,000 activists attend. Window smashing using stones with written pleas on them. Hunger strike and force feeding starts - Marian Wallace Dunlop becomes the first hunger striker. Militant bomb and arson campaigns and increasing arrests which results in the passing of the "Cat and Mouse" Act.: hunger strikers temporarily released then rearrested to prevent dying in police custody Emily Wilding Davison attempts to pin a Suffragette scarf onto the King's Horse at the Derby. She is struck by the horse and dies 4 days later. WW1 starts - Suffragette leaders urge women to 1914 join the war effort. NUWSS continues to campaign for recognition for their work. The <u>Representation of the People Act</u> is passed, 1918 allowing men over 21 and women over 30 to vote.

Emily Wilding Davison - WSPU Millicent Fawcett - NUWSS

Joined WSPU in 1906. Became a suffragette full time. Frequently arrested for number of crimes inc. setting fire to post box. By 1911, become increasingly militent. Leading suffregist and led NUWSS. Played a key role in getting women the vote. Dedicated to using constitutional means, and argued that militancy was counterproductive.

# Year 8 History: WW1

Timeline of Ke	Timeline of Key Events	
28 June 1914	Assassination of Arch-Duke Franz Ferdinand	
4 August	Britain declares war on Germany	
August to	Germany's Schlieffen Plan fails to defeat	
December	France and Britain quickly; system of	
1914	trenches is dug from Switzerland to the	
	English Channel: STALEMATE	
April 1915	Second Battle of Ypres - poison gas used	
	for the first time	
31 May-1	Battle of Jutland - the only major sea	
June 1916	battle of the war proves inconclusive	
1 July - Nov	Battle of the Somme	
6 April 1917	USA declares war on Germany	
March 1918	Russia signs the Treaty of Brest Litovsk with	
	Germany after the Bolshevik Revolution	
9 Nov 1918	Kaiser Wilhelm abdicates	
11 Nov 1918	Germany signs armistice, ending the war	

Why did Britis	Why did British men join up in 1914?	
Patriotism	British men were brought up to love their	
	King and country	
Social	Fear of being called a coward or being given	
pressure	a white feather by a woman	
Sense of	Many British men had never travelled abroad	
adventure	– this was a chance to see the world!	
Propaganda	British propaganda posters used very	
	persuasive techniques	
Belief in a	Many men thought that the war would be	
auick victory	'over by Christmas	

# Long-Term Causes of World War One

Militerism - the arms race between Britain and Germany to build Dreadnaughts resulted in increasing tension and conflict between them

Alliences – the Triple Alliance (Germany, Austria-Hungary and Italy) and Triple Entente (Britain, France and Russia) had agreed to support each other in a war Imperialism – Britain and France had large empires overseas. Germany wanted an empire too, but most of the available land had already been taken, resulting in tension between the 'great powers'

#### Short-Term Causes of World War One:

Assassination of Franz Ferdinand – Serbian nationalist Gavrilo Princip shot and killed the heir to the Austro-Hungarian throne, along with his wife, while was visiting Sarajevo. This caused Austria to declare war on Serbia, which led to Russia attacking Austria and a domino effect of other nations joining in...





Which new weapons helped Britain to win the war? Tanks: First used in 1916, they broke through German defence's and sheltered British troops in getting across NO MANS LAND Poison gas: Although cruel and at the mercy of the weather, it instilled fear into soldiers on both sides

Airplanes: Very useful for reconnaissance and bombing / preventing bombing raids

Artillery: Forced Germans to remain in their shelters while the British advanced

Why did Germany surrender in November 1918? <u>American entry</u> into the war, <u>Failed German/Ludendorff offensive</u>, German <u>civilians starving</u> due to the <u>Allied Blockade</u> of German ports. This all put pressure on the Kaiser to surrender.



(and vice versa)	Words/phrases Linguistic devices Structural features Sentence forms
THE NOL INTERNATIONAL BISTRUCT Sentence Definition Example	rary devices and word class

The lightning flashed.

there was no rain.

The lightning flashed and the rain fell.

The lightning flashed; the rain fell.

Despite the thunder and lightning,

Simple

The Book Thies

breath taking scope, manerfully take

sentence

Compound

sentence

Complex sentence semi-colon.

clause.

Contains one complete idea in an independent clause.

Contains two independent clauses linked by a conjunction or a

Contains an independent clause and at least one dependent

- Personification human qualities the grass danced in the wind
- Simile as/like/as if he was like a man possessed
- Onomatopoeia the sound words bang, pop, sizzle .
- Alliteration same starting sounds really rather raucous
- Lists to emphasise many reasons
- Verbs doing words
- Adjectives describing words
- Nouns objects or abstract things e.g. love .
- Adverbs describe doing words e.g. wrote neatly
- connotations of words - associations - night-time = mystery

# Activities:

- Look up and define any of the key words in the purple box that you don't feel confident with.
- Look, cover and copy the key words in the purple box. Do this each day until you get the spelling of them correctly.
   You could complete your learning of these words by getting a parent or sibling to test you on all of them.
- Read the poem The Bully Asleep on the next page then explain the conflict that is shown in this poem.
- When one pupil read The Bully Asleep they said he deserves to be treated this way. Analysing structure and language explain if you agree or disagree with this statement.
- Either describe a day in the life of Bill Craddock or a story about him inspired by this poem. Use some of the language devices in the blue box.
- Draw a picture of the scene in the poem and label it with ouotations from the text.
- If you could be one person in this poem explain who you would be and why?
- Write a short story (200-300 words) that involves a bully or instances of bullying. Use first or third person and past
  or present tense, but make sure that this is consistent throughout. Use as many of the literary devices in the blue
  box as you can and make sure you include nouns, adjectives, verbs and adverbs that are ambitious and effective. Plan
  your story before you begin.
- Read or listen to a book (from the link on the next page) that explores elements of conflict. Then, write a review of it (100-200 words), detailing what you found most enjoyable and perhaps, what you didn't like so much. Imagine you are writing it for a website that young readers will look at to decide what to read next.
- Read the article below and highlight the different types of sentence. Highlight any emotive language that has been used. Using PEE skills that you have learnt write a PEE paragraph explaining how language and sentence length has been used to make the reader feel sorry for Ruby Sam.
- Explain your view of bullying and why it happens.

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## The Bully Asleep by John Walsh

This afternoon, when grassy Scents through the classroom crept, Bill Craddock laid his head Down on his desk, and slept.

The children came <u>round</u> him: Jimmy, Roger, and Jane; They lifted his head timidly And let it sink again.

'Look, he's gone sound asleep Miss', Said Jimmy Adair; 'He stays up all the night, you see; His mother doesn't care.'

'Stand away from him children.' Miss Andrews stopped to see. 'Yes, he's asleep; go on With your writing, and let him be.' 'Now's a good chance!' whispered Jimmy, And he snatched Bill's pen and hid it. 'Kick him under the dock, hard:

'Kick him under the desk, hard; He won't know who did it.'

'Fill all his pockets with rubbish – Paper, apple-cores, chalk.' <u>So</u> they plotted, while Jane Sat wide-eyed at their talk.

Not caring, not hearing, Bill Craddock he slept on; Lips parted, eyes closed – Their cruelty gone.

'Stick him with pins!' muttered Roger. 'Ink down his neck!' said Jim. But Jane, tearful and foolish, Wanted to comfort him When Ruby Sam Youngz was singled out by a bully at the age of 10 in her last year of primary school, she felt isolated and confused. She'd just moved with her family from England to Wales and the bully honed in on her accent. They then started mocking her appearance. "Nothing really made sense to me," she says. "I'm in a new place, I don't really know anyone, no one likes me, and I really do not know why."

Youngz says the relentless bullying, which continued through secondary school, had a knock-on effect in all areas of her life, and she took up smoking and drinking in an attempt to cope. Now aged 46, it is only in the past year that she has come to terms with the effect that the bullying had on her.

"I felt like 'no one else likes me, so I don't like me'," she says.

Her experience underlines a painful truth. Children, for all their innocence and inexperience of the world, can be some of the most vicious bullies. Their actions, perhaps less hindered by the social norms we learn in later life, can be merciless, violent and shocking. And they can have life-long implications for the victims.

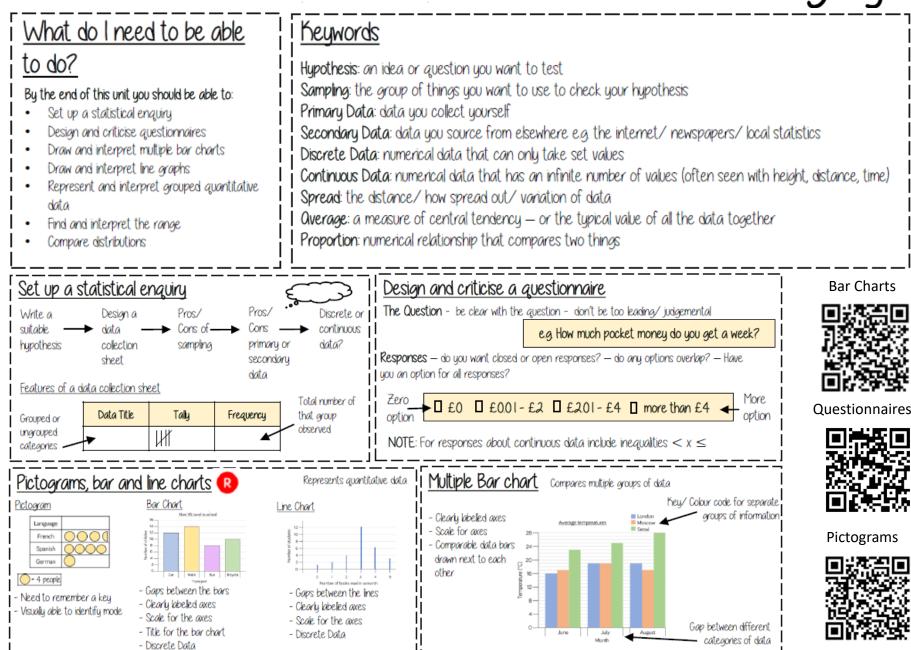
You might also like:

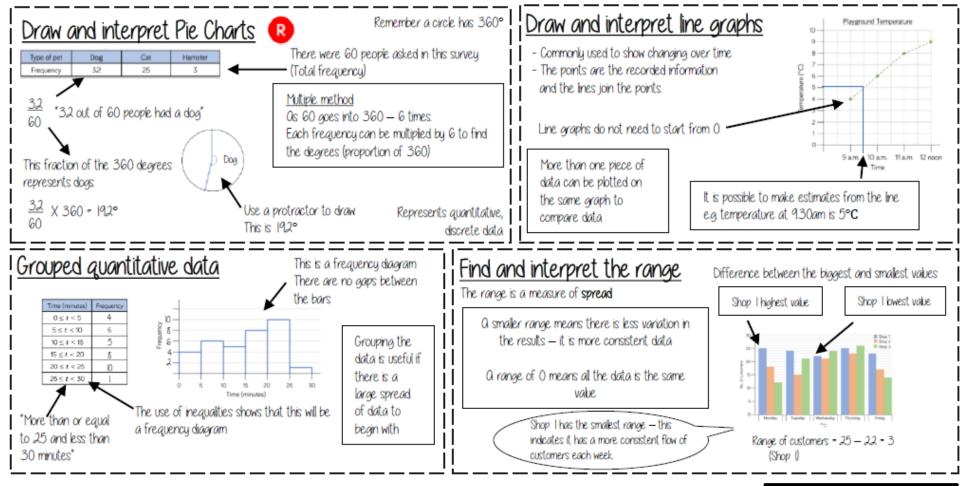
- Can this technology put an end to bullying
- The transformational power of how you talk about your life
- What is the best way to stop internet trolls

https://stories.audible.com/start-listen.



# YEAR 8 - REASONING WITH DATA... The data handling cycle





Line Graphs

# A job that relies on the Data Handling Cycle:

Statistician



The Range

A statistician gathers numerical data and then displays it, helping companies to make sense of quantitative data and to spot trends and make predictions.

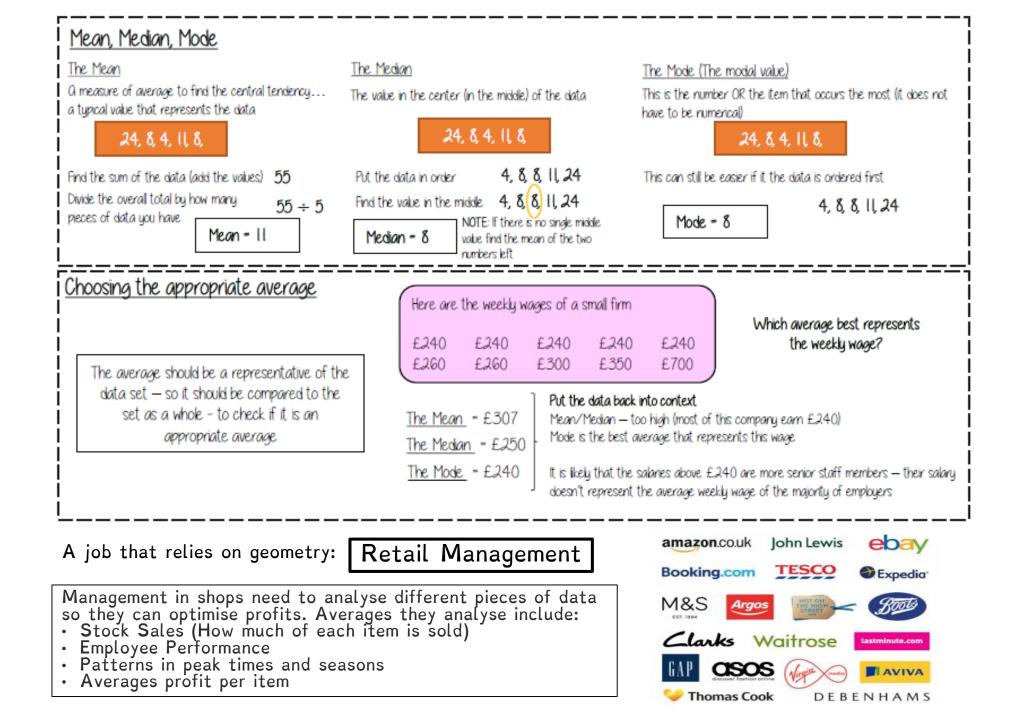
They work in a range of sectors, including: Education ,The Environment, Finance, Forensics, Government, Market Research, Sport and Transportation.

Statisticians design and manage experiments and surveys and deal with the initial collection of data. They process and analyse the data in context, looking for patterns to help make decisions. They then advise on findings and recommend strategy.

Statisticians often work in teams, usually including professionals from other disciplines. Strong analytical and IT skills are essential, as are interpersonal and communication skills in order to share findings with your colleagues and clients.

# YEAR 8 - REASONING WITH DATA... Measures of location

<ul> <li>What do I need to be able to do?</li> <li>By the end of this unit you should be able to:</li> <li>Understand and use mean, median and mode</li> <li>Choose the most appropriate average</li> <li>Identify outliers</li> <li>Compare distributions using averages and range.</li> </ul>	Keywords Spread: the distance/ how spread out/ variation of data Overage: a measure of central tendency — or the typical value of all the data together Total: all the data added together Frequency: the number of times the data values occur Represent: something that show's the value of another Outlier: a value that stands apart from the data set Consistent: a set of data that is similar and doesn't change very much	
Identify outliers         Outliers are values that stand well apart from the         Outliers can have a big impact on range and mean         They have less impact on the median and the mode         Height in cm         152       150       142       158       153       149       156       160       151       144	rest of the data Sometimes it is best to not use an outlier in calculations Comparing distributions Comparisons should include a statement of average and central tendency, as well as a statement about spread and consistency. Here are the number of runs scored last month by Lucy and James in cricket matches Lucy: 45, 32, 37, 41, 48, 35 James: 60, 90, 41, 23, 14, 23	The Mode
Where an outlier is identified try to give it some context. This is likely to be a taller member of the group. Could the be an okler student, or a teacher?	Outliers can also be identified graphically eg on scatter graphs Mean: 396 (Idp), Median: 38 Mode: no mode, Range: 16 James has two extreme values that have a big impact on the range "James is less consistent that Lucy because his scores have a greater range. Lucy performed better on average because her scores have a similar mean and a higher median"	The Median



# Year 8 RS: How do Christians interact with culture and society?

Key words
1
Act of religious honour or devotion
service which follows a set pattern
service which does not follow a text or set pattern
a type of non-liturgical worship which is spontaneous
Someone praises or honours God on their own
Communicating with God.

#### The Church

Church means a gathering of people and originally the church didn't have special buildings but met at people's homes. The church therefore is about people who meet to worship Christ. "And God placed all things under his (Jesus') feet and appointed him to be head over everything for the church, which is his body". The church as a building provides a place where Christians in the local community can meet, socialise, worship and gain spiritual guidance. Christians meet at church on a Sunday, but many churches have events happening throughout the week. Traditionally the role of the church helped with schooling, medical needs and other services. In modern times the church has projects in the community to help others following the teachings of Jesus.

#### <u>Worship</u>

It is a way for Christians to show love and respect for God. It shows Christians how important God is to them. They worship in different ways but the public worship takes place at church on Sunday. Christians prayer to ask for forgiveness, to say thanks, to ask for help or for comfort and strength. There are different types. Liturgical, non-liturgical, informal and private

## <u>Prayer</u>

Prayer is all about communication with God. Christians ask God for help for themselves or others, ask for forgiveness, to be provided with strength or comfort or to say sorry, confess sin and ask for forgiveness or to praise God. People pray in different ways, which might include standing, kneeling or using rosary beads – for Catholics and Orthodox Christians use Icons. Christians do believe God answers prayers, but because he is transcendent (beyond our understanding) we cannot understand when or how he does it and perhaps not in the way we would want or expect. For example when Jesus is praying in the Garden of Gethsemane he asks God to "remove this cup from me". He is asking God to help him not have to go through the crucifixion. God doesn't stop this as there is a purpose to Jesus' suffering.

## The Lord's Prayer

This is the prayer which Jesus taught he disciples to pray. "Our father who art in heaven....". This is an example of set prayer and is important as it sets out how to live, for example to show forgiveness to others. It also reminds how God is part of the whole community and is said out loud together.



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## <u>Pilgrimage</u>

A pilgrimage is a special religious journey and can be seen as an act of worship in itself.

For Christians the Holy Land, where Jesus lived and died is particularly important. Pilgrimage is important as it allows people to get closer to God, strengthen faith, ask for forgiveness, pray, ask for a cure, help others and meet others who share your faith. Two important places are Lourdes and Iona.

Lourdes - In France dedicated to Mary as Bernadette believed to have seen visions of Mary in the 19th Century. A spring of water was discovered which had healing powers. Now millions of people have been to drink from the spring of water in the hope of being healed. Many sick or disabled people go to Lourdes. lona - An Island off the west coast of Scotland. In the 6<sup>th</sup> Century St. Columba, an Irish missionary brought Christianity to Scotland and set up a small monastic community there. Pilgrimages happen there in dedication to the virgin Mary. The community in Iona hold daily services in the Church leading a seven-mile hike to holy spots.

# <u>Festivals</u>

Festivals remember important events in a religions calendar, for Christians this is Christmas and Easter. They are centered around Jesus who is the most important person in their religion.

Christmas – Remembers the birth of Jesus – his incarnation. It is celebrated on the 25<sup>th</sup> December. Trees and homes are decorated with nativity scenes. Lights remember Jesus is the light of the world. Carol services happen in Churches with readings from the bible. Children act out nativity plays and midnight mass takes place on Christmas Eve. "I bring you glad tidings that today a king is born"

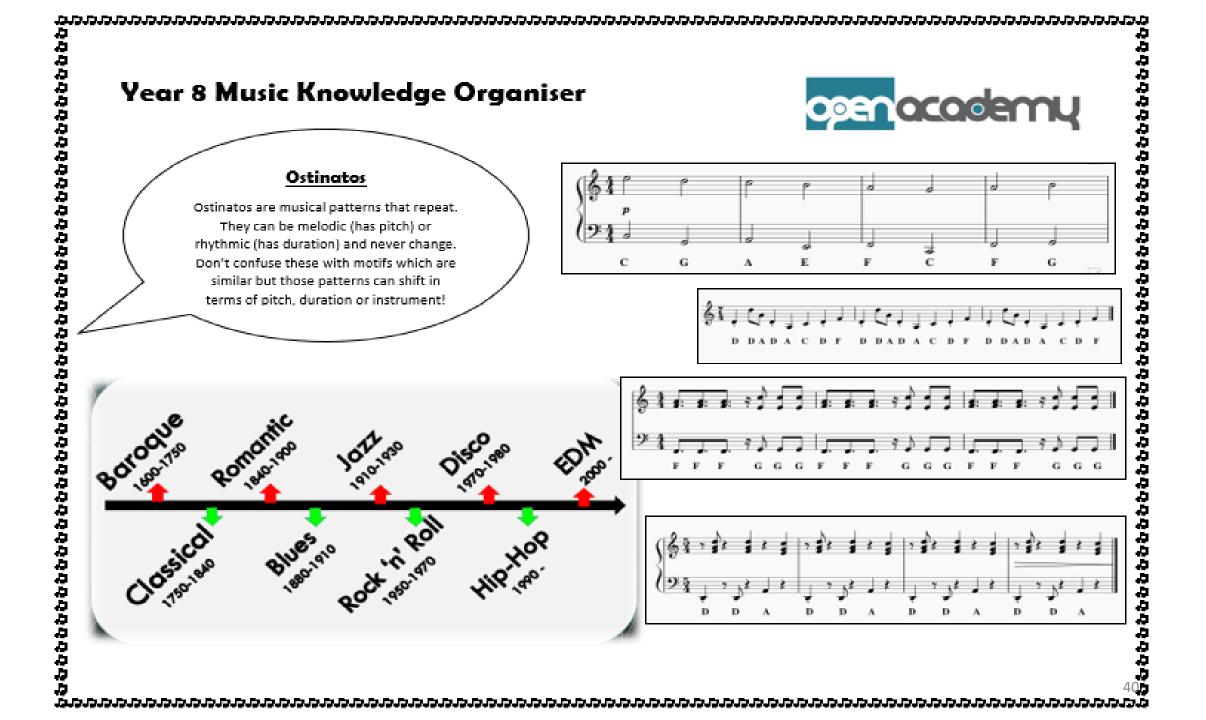
Easter — It is the most important festival which celebrates Jesus' resurrection from the dead leading up from holy week. Jesus was crucified on Good Friday and rose on Easter Sunday. Special services take place and processions led by someone carrying a cross. On Easter Sunday special services take place with hymns which celebrate the resurrection. Eggs are used as a reminder of new life. "Christ is risen from the dead".

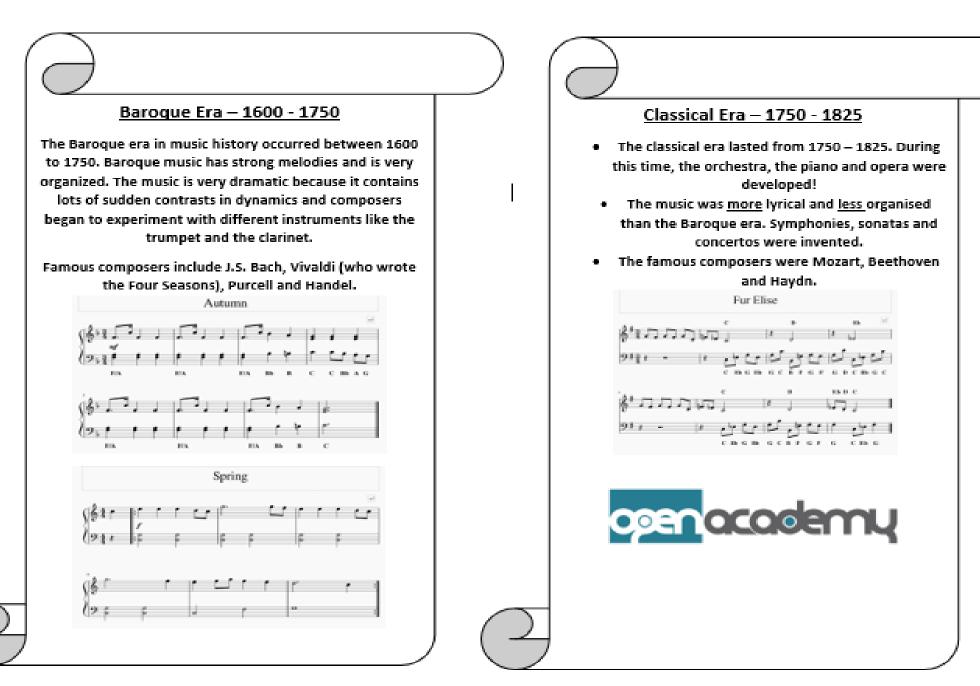
## The Sacrament of Baptism

This is important as it is the initiation ceremony to become a Christian and part of the church and therefore receives the grace of God. Sins are forgiven and they start a new life in Christ. Jesus was baptized by John in the river Jordan, here is received the Holy Spirt and sets an example for Christians to do the same. "Therefore go and make disciples of many nations, baptising them in the name of the father, son and Holy Spirit.

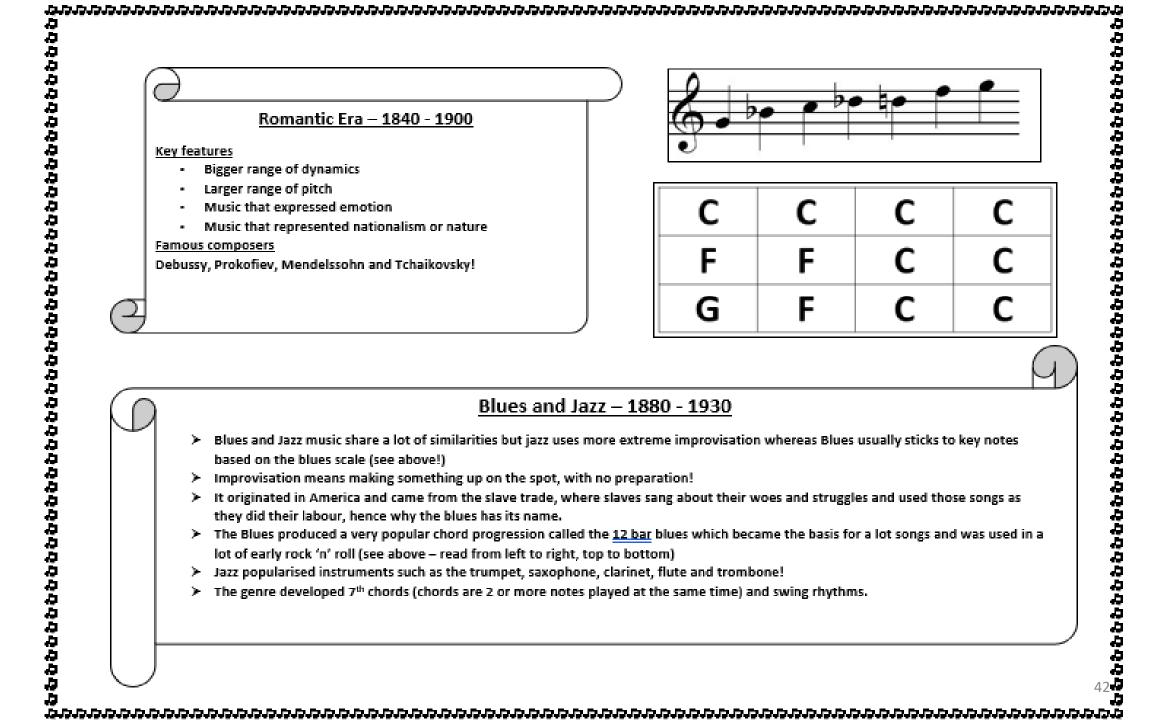
Infant Baptism - Catholic, Orthodox, Anglican Methodist practice this. Everyone is a descendent of Adam and Eve and therefore carries Original Sin and so baptism washes this away. It also welcomes them to the church community.

Believer's Baptism - Baptist and Pentecostal's think children are too young to understand the meaning and therefore don't baptise infants. They have believers baptisms when a person is old enough to understand the meaning behind what they are doing. This includes a full immersion in a pool to wash away sin and start a new life in Jesus.





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# Rock 'n' Roll - 1950 -

- The Beatles
- The Rolling Stones
- Led Zeppelin
- Pink Floyd
- AC/DC
- Fleetwood Mac
- Oueen
- Elvis Presley  $\gamma^{\prime}$

#### Key features

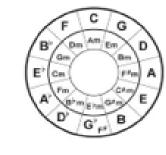
Rock 'n' roll music invented the band formula still being used to this day, using guitars, drums and vocals. Songs usually contained some sort of instrumental solo section and the lyrics centred around more adult content. Rock music has developed into many branches since the 1950's including metal, punk, soft and heavy.

# Disco – 1970 – 1980

Disco is a genre of dance music and a subculture that emerged in the 1970s from the United States' urban nightlife scene.

The disco sound usually has a "four-on-the-floor" beats, syncopated basslines, and string sections, horns, electric piano, synthesizers, and electric rhythm guitars.

The most famous artists from Disco are ABBA, the Bee Gees (with Saturday Night Fever) and Gloria Gaynor - I Will Survive which uses the circle of 5ths chord progression!



# Hip-Hop/Rap

- In the 1990's, hip-hop and rap became very popular, often talking about social or political issues
- Recognisable drum beats or samples from others songs were often used as a bedding track for lyrics
- Beat-boxing and body percussion also became popular meaning this music was accessible to anyone
- Rap lyrics often have a mix of perfect and imperfect rhymes and are set to a <u>4/4 time</u> signature to allow for an easy rhythmic flow

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