# 100% book - Year 8 Mainstream

Aim to memorise 100% of the knowledge on these Knowledge Organisers



# Term 4

Swindon Academy 2023-24				
Name:				
Tutor Group:				
Tutor & Room:				

"If you are not willing to learn, no one can help you.

If you are determined to learn, no one can stop you."











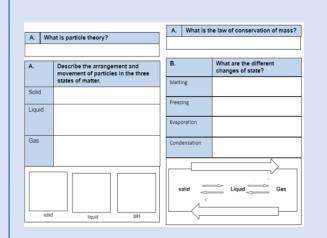
# Using your Knowledge Organiser and Quizzable Knowledge Organiser

# **Knowledge Organisers**

Knowledge Organisers contain the essential knowledge that you MUST know in order to be successful this year and in all subsequent years.

They will help you learn, revise and retain what you have learnt in lessons in order to move the knowledge from your short-term memory to long-term memory.

# Quizzable Knowledge Organisers



These are designed to help you quiz yourself on the essential Knowledge.

Use them to test yourself or get someone else to test you, until you are confident you can recall the information from memory.

# **Top Tip**

Don't write on your Quizzable Knowledge Organisers! Quiz yourself by writing the missing words in your prep book. That way you can quiz yourself again and again!

# **Expectations for Prep and for using your Knowledge Organisers**

- 1. Complete all prep work set in your subject prep book.
- 2. Bring your prep book to every lesson and ensure that you have completed all work by the deadline.
- Take pride in your prep book keep it neat and tidy.
- 4. Present work in your prep book to the same standard you are expected to do in class.
- 5. Ensure that your use of SPAG is accurate.
- 6. Write in blue or black pen and sketch in pencil.
- 7. Ensure every piece of work has a title and date.
- 8. Use a ruler for straight lines.
- 9. If you are unsure about the prep, speak to your teacher.
- 10. Review your prep work in green pen using the mark scheme.

# How do I complete Knowledge Organiser Prep?

Step 1	Step 2	Step 3
Check Epraise and identify what words /definitions/facts you have been asked to learn. Find the Knowledge Organiser you need to use.	Write today's date and the title from your Knowledge Organiser in your Prep Book.  A What is particle theory? The theory that all matter is made up of particles.  A Describe the arrangement and movement of particles that the state of matter.  Boild In a regular pation. Pacifices can vibrate in a fixed position.  Lipsel Particles are arranged anadomly but can side past each other and move arranged anadomly but can side past each other and move arranged anadomly but can side past each other and move arranged anadomly but can side past each other and move arranged anadomly but can side past each other and move arranged anadomly but can side past each other and move arranged and anadomly but can side past each other and move arranged and anadomly but can side past each other and move arranged and anadomly but can side past each other and move arranged and anadomly but can side past each other and move arranged and anadomly but can side past each other and move arranged and anadomly but can side past each other and move arranged and anadomly but can side past each other and move arranged and anadomly but can side past each other and move arranged and anadomly but can side past each other and move arranged and anadomly but can side past each other and move arranged and anadomly but can side past each other and move arranged and anadomly but can side past each other and move arranged and anadomly but can side past each other and move arranged anadomly but can side past each other and move arranged anadomly but can side past each other and move arranged anadomly but can side past each other and move arranged anadomly but can side past each other and move arranged anadomly but can side past each other and move arranged anadomly but can side past each other and move arranged anadomly but can side past each other and move arranged anadomly but can side past each other anadomly and anadomly anadomly and anadomly anad	Write out the keywords/definitions/facts from your Knowledge Organiser in FULL.  29th May 2020  Properties of the states of matter  Particle theory = all matter is made of particles  Solid = regular pattern  perticles vibrate in fixed position  Liquid = particles are arranged randomly but one still banching each other only made arranged randomly.  Gas = Particles are for apart and are arranged randomly. Perticles carry a lax of energy
Step 4	Step 5	Step 6
Read the keywords/definitions/facts out loud to yourself again and again and write the keywords/definitions/facts at least 3 times.  Solid = regular pattern porticles vibrate in fixed position  Solid = regular pattern porticles vibrate in fixed position  Solid = regular pattern porticles vibrate in fixed position	Open your quizzable Knowledge Organiser.  Write the missing words from your quizzable Knowledge organiser in your prep book.  A What is particle theory?  A Describe the arrangement and states of matter.  But What are the different states of matter.  Sold Freezing Arrangement of matter.  Cas Freezing Arrangement of matter.  Condensated Freezing	Check your answers using your Knowledge Organiser. Repeat Steps 3 to 5 with any questions you got wrong until you are confident.  Particle theory = all meteer is made of particles  Solid = regular pattern  porticles vibrate in fixed position  Liquid = particles fre arranged randomly but  are still louching each other and  more ground  Gas = Particles are for ports and are  arranged randomly. Particles carry law of energy

Make sure you bring in your completed Prep notes to demonstrate that you have completed your prep.

'Animal Farm': Knowledge Organiser			e seven commandments	Key words	
			Whatever goes upon two legs is an enemy.	allegory – a story with two meanings. It has a	
Cha	The animals gather to listen to old Major.		Whatever goes upon four legs, or has wings, is a friend.	literal meaning, which is what actually happens in the story. But it also has a deeper meaning.	
1	He gives them a vision of a life without man.	3 No animal shall wear clothes.		The deeper meaning is often a moral. It teaches you a lesson about life.	
	The animals rebel and overthrow Jones.	4	No animal shall sleep in a bed.	h wareh a company to be been hadred to be a second	
2	The commandments are written.	5	No animal shall drink alcohol.	<b>tyrant –</b> someone who has total power and uses it in a cruel and unfair way. A <b>tyranny</b> is a	
	The animals' first harvest is a success. The	6	No animal shall kill any other animal.	situation in which a leader or government has	
3	pigs keep the milk and apples to	7	All animals are equal.	too much power and uses that power in a cruel	
	themselves.	Ch	aracters	and unfair way.	
4	The Battle of the Cowshed: Jones attempts to reclaim the farm.	'a lo	poleon arge, rather fierce-looking Berkshire boar, the only Berkshire on farm, not much of a talker, but with a reputation for getting	<b>rebellion –</b> a rebellion is a situation in which people fight against those who are in charge	
5	windmill. Napoleon uses dogs to chase Snowball from the farm. Napoleon makes	Sno 'a n moi	wball nore vivacious pig than Napoleon, quicker in speech and re inventive, but was not considered to have the same depth	of them.  harvest – the time when crops are cut and collected from fields.	
6	move into the farmhouse Winds destroy	'wit a sh som	ealer h very round cheeks, twinkling eyes, nimble movements, and wrill voice. He was a brilliant talker, and when he was arguing the difficult point he had a way of skipping from side to side	corrupt – when people use their power in a dishonest way order to make life better for themselves.	
7	Napoleon demands eggs from the hens. Napoleon slaughters animals at the show	Box 'an	enormous beast, nearly eighteen hands high, and as strong	propaganda – Information that is meant to make people think a certain way. The information may not be true.	
	trials.  Napoleon betrays Mr. Pilkington and sells timber to Mr. Frederick. Frederick pays	first-	any two ordinary horses put together in fact he was not of crate intelligence, but he was universally respected for his adiness of character and tremendous powers of work.'	cult of personality – a cult of personality is where a leader convinces people to worship	
0	with counterfeit money. Frederick attacks	Biographical information		him or her and treat them like a god.	
8	the farm. The animals suffer losses in the	1	'Animal Farm' was written in 1945.	treacherous – If you betray someone who trusts	
	Battle of the Windmill. The windmill is destroyed.	2	It was written by George Orwell.	you, you could be described as <b>treacherous</b> .	
9	·			declarative: describes something that makes	
9	Boxer is sold to the knacker's yard.		'Animal Farm' was influenced by the events of World War II.	information known. A statement	
start walking on two legs and	The pigs are leaders on the farm. They start walking on two legs and carrying whips. There is no difference between the	5	Orwell wanted to write about the cruel leaders of Europe during World War II.	<b>hierarchy</b> : a system of organising people into different levels of importance	
-	pigs and the humans they sought to overthrow at the start of the novel.		'Animal Farm' is an allegory for the events of the Russian Revolution.	imperative: a command.	

'Animal Farm': Knowledge Organiser	The seven commandments	Key words	
	1 Whatever goes upon legs is an	allegory – a story with It has a	
Chapter breakdown  The gather to listen to old Major. He	Whatever goes upon legs, or has, is a	meaning, which is what in the story. But it also has a meaning. The meaning is often a It you a	
1 gives them a of a life without		about	
The animals and Jones. The are written.		tyrant – someone who has power and uses it in a and way. A tyranny is a situation in which a or has too much and uses that in a and way.	
The animals' first is a The pigs keep the and to themselves.	6 No animal shall any other		
The Battle of the: attempts to the farm.	I did drae rather Rerighte hoar the only on the I	rebellion – a is a in which people against those who are in of them.	
and debate the  5 uses to chase from the farm makes himself	but was not considered to have the same of'	harvest – the when are and from	
Work begins on the The 6 move into the the 		corrupt – when use their in a way order to make life for	
Work on the starts again demands from the Napoleon animals at the	Boxer 'an beast, nearly hands high, and as as any	propaganda – that is meant to make people a certain way. The may not be	
Napoleon Mr. Pilkington and sells to Mr. Frederick. Frederick pays with	character and powers of'	cult of personality – a cult of personality is where a people to him or her and them like a	
8 money. Frederick the farm. The animals suffer in the Battle of the The is	2 It was written by	treacherous – If you someone who you, you could be described as treacherous.	
9 is to the yard.	4 'Animal Farm' was by the events of	<b>declarative</b> : describes something that makes	
The are on the farm. They start on legs and carrying There is difference between	of of	hierarchy: a of organising into different of	
the and the they sought to at the of the novel.	6 'Animal Farm' is an for the events of the	imperative: a	





# What we are learning this term:

- A. Circuits
- B. Charges and Static Electricity
- C. Magnetism and Electromagnetism

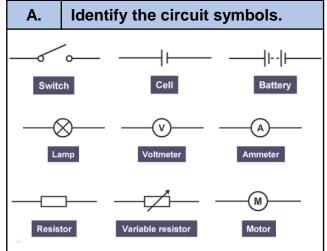
# 4 Key Words for this term

1. Current

3. Component

2. Field

4. Resistance

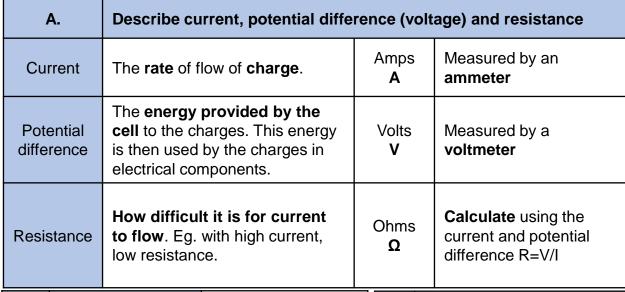


# A. What is the equation involving current, potential difference and resistance?

## $V = I \times R$

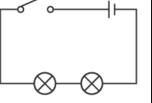
V = potential difference (volts, V) I = current (amperes, A)

 $R = resistance (ohms, \Omega)$ 



# A. Define a series circuit?

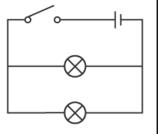
Linking components one after another, making one loop.



These two lamps are in **series** with each other.

# Define a parallel circuit?

Linking components so they are in **separate loops**.



These two lamps are in **parallel** with each other.

# A. What is an insulator?

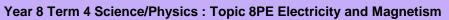
A material that can be charged but does not let the charges flow.

Examples: almost any non-metal materials, like rubber, fabrics, paper, plastics, wood

# A. What is a conductor?

A material that does let the charges flow.

Examples: all metals, and graphite (in your pencil!)







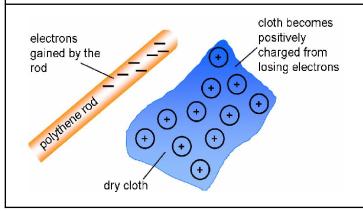
* * *		, , , , ,			* * *
What we are learning this term:	A.	Describe cu	ırrent, potential differ	ence (vo	Itage) and resistance
A. Circuits     B. Charges and Static Electricity     C. Magnetism and Electromagnetism	Current			Amps <b>A</b>	Measured by an ammeter
4 Key Words for this term  1. 3. 2. 4.	Potential difference			Volts <b>V</b>	Measured by a voltmeter
A. Identify the circuit symbols.	Resistance			Ohms Ω	Calculate using the current and potential difference
—————————————————————————————————————	A. Define	e a series t?		A.	What is an insulator?
			These two lamps are in <b>series</b> with each other.		iples: almost any non-metal erials, like rubber, fabrics, paper, plastics, wood
A. What is the equation involving current, potential difference and resistance?	A. Define circuit	a parallel ?		Α.	What is a conductor?
= potential difference (volts, V) = current (amperes, A) = resistance (ohms, Ω)			These two lamps are in <b>parallel</b> with each other.	Ex	kamples: all metals, and raphite (in your pencil!)



# B. Describe how static charge produced.

**Negative electrons are transferred** from one material to another.

The material that loses electrons becomes positively charged whereas the material that gains electors becomes negatively charged.

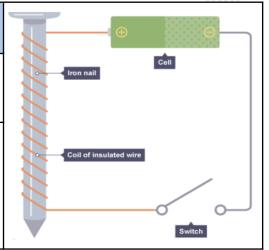


# C. What is an electromagnet?

A magnet created by the flow of electric current.

You can increase the strength of an electromagnet by doing three things:

- 1. Increase the number of coils
- 2. Increase the current
- 3. Add an iron core

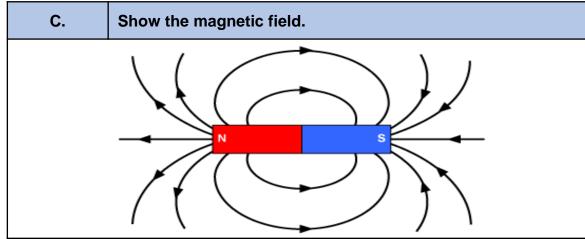


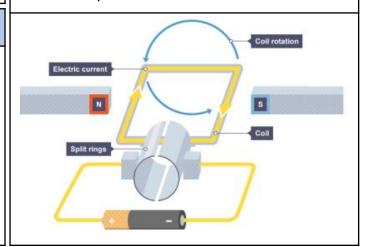
# C. What is a magnetic field?

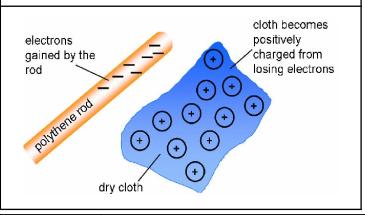
The area around a magnet where a force acts on other magnets or on magnetic materials. (3D, unlike diagrams usually show)

# C. What is the motor effect?

When an electric current flows through a coil, the magnetic field around the coil and the magnetic field of the magnet cause forces of attraction and repulsion. This causes the coil of wire to spin around.

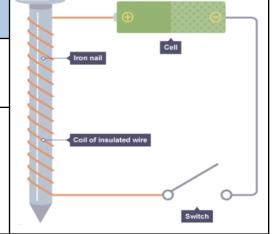






В.

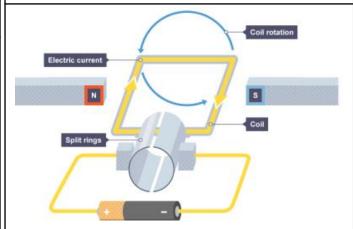
3. Add an iron core

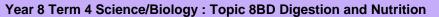


What is a magnetic C. field?

C. What is the motor effect?

C. Show the magnetic field. Ν s









What we are learning this term:	
A. Healthy Diet	
B. Unbalanced Diet	
C. Digestion	

5 Key Words for this term				
<ol> <li>Carbohydrate</li> <li>Protein</li> <li>Glucose</li> </ol>	4. Amino acid 5. Villi			

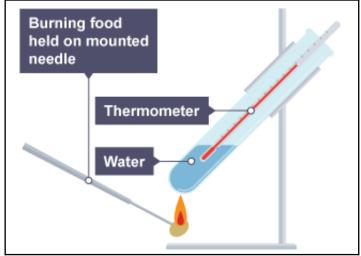
A.	Describe the food tests.
Starch	If iodine is added to starch it will turn blue/black.
Sugar	If <b>Benedict's solution</b> is added to a sugar and heated it will form an <b>orange precipitate</b> .
Fat	If a small amount of <b>ethanol</b> and <b>distilled water</b> is added to fat then a <b>milky white emulsion</b> appears.
Protein	If <b>Biuret solution</b> is added to protein it will turn <b>purple</b> .

A.	What	are the food groups?				
Protein For growth		For growth and repair.	Fish, meat, dairy			
Fat For long term energ		For long term energy storage and insulation.	Butter, oils, nuts			
Carbohydrate To provide energy.		To provide energy.	Bread, pasta, sugar			
Fibre To help move food through the gut.		'	Vegetables, bran			
Minerals Required in small amounts to remain healthy.		•	Dairy (calcium for healthy teeth and bones)			
Vitamins Required in small amounts to remain healthy.		•	Oranges (vitamin C), carrots (vitamin A)			
Water To form cytoplasm in cells and other fluids.		,	Water, fruit juice, milk			

# A. How can you measure the energy content of food?

Set the food on fire, use it to heat up water and measure the temperature change.

The temperature change shows how much energy was stored in the food.





# Year 8 Term 4 Science/Biology : Topic 8BD Digestion and Nutrition



# What we are learning this term:

- A. Healthy Diet
- B. Unbalanced Diet
- C. Digestion

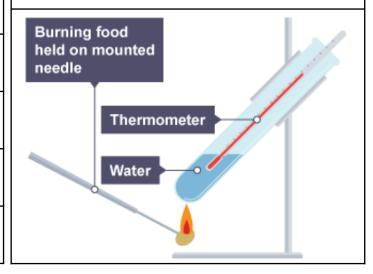
1.

- 4.
- 2. 5.

A.	Describe the food tests.
Starch	
Sugar	
Fat	
Protein	

A.	What	are the food groups?					
		For growth and repair.	Fish, meat, dairy				
		For long term energy storage and insulation.	Butter, oils, nuts				
		To provide energy.	Bread, pasta, sugar				
		To help move food through the gut.	Vegetables, bran				
		Required in small amounts to remain healthy.	Dairy (calcium for healthy teeth and bones)				
		Required in small amounts to remain healthy.	Oranges (vitamin C), carrots (vitamin A)				
		To form cytoplasm in cells and other fluids.	Water, fruit juice, milk				

Δ	How can you measure the energy
	content of food?







# B. What is a malnutrition?

If a person has an **unbalanced diet** they are said to be malnourished.

This can lead to people becoming overweight or underweight or having deficiency diseases.

# B. What is obesity?

If a person eats **too much food** and does **not do enough exercise** they will gain weight.

If someone becomes **very overweight** they are said to be obese.

# B. What is a deficiency disease?

A disease caused by the **lack** of a **specific nutrient**.

- A lack of vitamin C can lead to scurvy which affects the gums.
- A lack of vitamin D can lead to rickets which affects the bones.

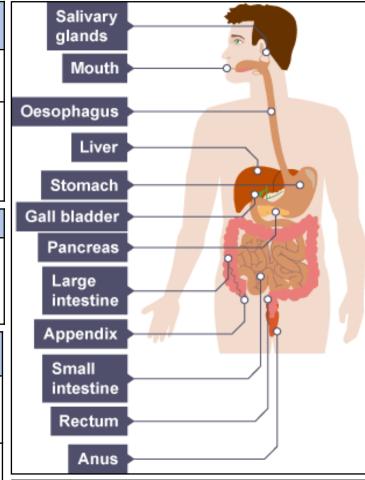
# B. What is starvation?

If a person does not **eat enough food** they will they will **lose weight**. In the extreme this can lead to starvation.

# C. Describe the function of enzymes in the digestive system.

Enzymes help to break down larger food molecules into smaller ones, so that they can be absorbed through the walls of our small intestines, into our blood stream.

Enzyme	Made in	What it breaks down and where
Amylase	Salivary glands, pancreas, small intestine	Starch into sugars, in the mouth and small intestine
Protease	Stomach, pancreas, small intestine	Protein into amino acids, in the stomach and small intestine
Lipase	Pancreas and small intestine	Lipids into fatty acids and glycerol, in the small intestine



# C. Describe the role of bacteria in the digestive system.

- 1. Digesting certain carbohydrates that our own enzymes cannot.
- 2. Reduce the chances of harmful bacteria multiplying and making us ill.
- 3. They produce some vitamins that we need that we cannot (e.g. vitamins K and B).



В.	What is a malnutrition?
TI	

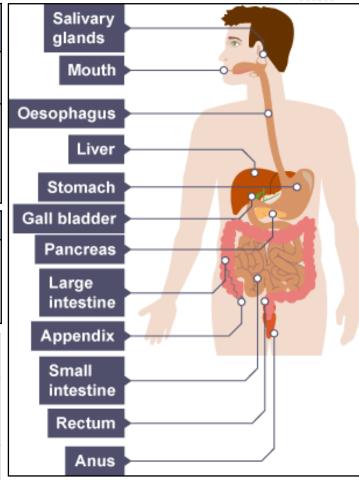
This can lead to people becoming overweight or underweight or having deficiency diseases.

B. What is obesity?

- B. What is a deficiency disease?
- A lack of vitamin \_\_\_\_ can lead to scurvy which affects the gums.
- A lack of vitamin \_\_\_\_ can lead to rickets which affects the bones.
- B. What is starvation?

C. Describe the function of enzymes in the digestive system.

Enzyme	Made in	What it breaks down and where
	Salivary glands, pancreas, small intestine	Starch into, in the mouth and small intestine
	Stomach, pancreas, small intestine	Protein into, in the stomach and small intestine
	Pancreas and small intestine	Lipids into and, in the small intestine



- C. Describe the role of bacteria in the digestive system.
- 1.
- 2.
- 3.



# Geography Knowledge Organiser: Year 8 Term 4 Weather and Climate



## Background:

Urban areas

- Weather and climate are different, however both are influenced, measured and described by a few factors. (A)
- 2. The climatic conditions of an area are determined by several factors. **(B)**
- 3. There are four distinct climatic zones in the UK, which are determined by the direction of the prevailing wind. *(C)*
- 4. Precipitation is caused when warm air rises. There are three ways that this can happen. (B, D)
- 5. High pressure air systems bring warm, settled weather conditions. *(E)*
- 6. Low pressure air systems bring wet, changeable weather conditions. *(F)*
- 7. Tropical storms (an example of a low pressure climatic hazard) need certain conditions to form. **(G)**
- 8. Hurricane Katrina is a famous tropical storm that affected the USA in 2005. (H)

A.	Weatl	ner and climate (5)		
Weather		The day-to-day conditions of the atmosphere which change quickly.		
Climate	е	The average weather conditions over longer periods of time.		
Precipi	itation	Any form of water falling from the sky.		
Humid	ity	The amount of moisture in the air.		
Air pressure		The force exerted onto the Earth's surface by the weight of the air.		
B.	Factor	s affecting weather and climate (4)		
Latitude		Higher latitudes are colder. Lower latitudes (nearer the equator) are hotter.		
Winds		Wind can bring different weather conditions depending on where it comes from.		
Altitude		Higher areas get more rainfall and are colder than low land.		

Can be 2.2°C warmer than the surrounding rural areas.

	C.	The UK's air masses (4)		
	Tropical maritime		Wind from the south west brings wet weather, with warm temperatures in the summer, but mild in the winter.	
	Tropical continental		Wind from the south east brings dry weather with hot temperatures in the summer, but mild in the winter.	
	Polar continental		Wind from the north east brings dry weather with cold temperatures in the summer, and often freezing conditions in the winter.	
	Polar maritime		Wind from the north west brings wet weather with cold temperatures.	
lı				

D.	The types of precipitation (3)	
Convectional		Produced when warm air rises, cools and condenses, forming clouds and then rainfall.
Frontal		Warm air meets cold air and rises because it is less dense. It cools, condenses forming clouds, then precipitation.
Relief		Warm air is forced to rise as it meets a hill or mountain. It cools at high altitude, condenses and forms clouds, then precipitation.

E.	High pressure systems		
How is the air moving?		Areas where air is sinking, this air has little moisture.	
Conditions (3)		Positive impacts (2)	Negative impacts (2)
sky. 2. Ho weat	alm weather with a cloudless of weather in summer, cold ther in winter. orning frost is common.	Lots of sunlight means farmers can grow more crops.     Increase in tourism, which boosts the local economy.	Places such as Spain and Portugal are at high risk of forest fires during prolonged dry periods.     Can cause fog in the winter, which can lead to traffic accidents.

o. Morning froot to common.	become the legal economy.	icaa to trame accidente.		
F.	Low pressure systems			
How is the air moving?	Air is rising, it cools and cond	enses causing high levels of precipitation.		
Conditions (3)	Positive impacts (2)	Negative impacts (3)		
<ol> <li>Unsettled weather which can change quickly.</li> <li>High winds and high cloud cover</li> <li>Precipitation occurs as rising air cools and condenses.</li> </ol>	Rainfall refills stores of water, such as reservoirs.     Wind farms will generate more energy.	<ol> <li>Low pressure systems can cause large, destructive storms.</li> <li>Bad weather can harm the tourist industry as tourists are put off.</li> <li>Areas can be flooded.</li> </ol>		

00010	cools and condenses.		
G.	Causes of tropical storms (3)		
High temperatures		Oceans have to be 26.5°C or higher.	
Weather system		A low pressure system means air rushes in and causes high winds.	
Deep ocean		Warm water is the power source for a tropical storm and should be 60 metres deep or more.	<b>,</b>

H.	Cas	Case study example: Hurricane Katrina 2005		
Whe	ere?	New Orleans, south coast of the USA.		
Effects (3)		cts (3)	Responses (2)	
2. 10 hom 3. Fl	1. 1,836 died. 2. 10,000 people homeless. 3. Floods were up to 3 metres deep in places.		\$1. \$105 billion was spent on rebuilding.     \$10,000 people evacuated to the Superdome for shelter.	

#### Geography Knowledge Organiser: Year 8 Term 4 Weather and Climate Background: C. The UK's air masses (4) The types of precipitation (3) 1. Weather and climate are different, however both are Tropical Convectional influenced, measured and described by a few maritime factors. (A) 2. The climatic conditions of an area are determined by Tropical several factors. (B) Frontal continental 3. There are four distinct climatic zones in the UK, which are determined by the direction of the Polar prevailing wind. (C) continental 4. Precipitation is caused when warm air rises. There Relief are three ways that this can happen. (B, D) Polar maritime 5. High pressure air systems bring warm, settled weather conditions. (E) 6. Low pressure air systems bring wet, changeable weather conditions. (F) E. **High pressure systems** 7. Tropical storms (an example of a low pressure How is the air moving? Areas where air is sinking, this air has little moisture. climatic hazard) need certain conditions to form. (G) 8. Hurricane Katrina is a famous tropical storm that Conditions (3) Positive impacts (2) Negative impacts (2) affected the USA in 2005. (H) Weather and climate (5) A. Weather Climate F. Low pressure systems How is the air moving? Precipitation Conditions (3) Positive impacts (2) Negative impacts (3) Humidity Air pressure Factors affecting weather and climate (4) Latitude H. Causes of tropical storms (3) Case study example: Hurricane Katrina 2005 Winds High Where? temperatures Effects (3) Responses (2) Weather Altitude system Urban areas Deep ocean

# Year 8 T4 History: Year 8 Unit 4 Age of Exploration

# What we are covering whilst working from home: Age of Exploration

<u>We will be looking studying:</u> The exploration and expansion of the Spanish empire – Christopher Columbus and the actions of Spanish conquistadors. (A,B), How the expansion of the empire and its involvement in the slave trade led to developments in British industry and economy (C, D)

of Spain agreed to sponsor Columbus they were wearing small items of gold jewellery.  - men losing moral - Running out of food and water -	A. Key Events that led to Columbus sighting land in the New World				
and Queen Isabella of Spain agreed to sponsor Columbus voyage.  - This was because they wanted to spread Christianity to newly discovered contact with peaceful natives and found that they were wearing small items of gold jewellery.  - They did not tell him where they got the gold from, however seeing these gold items spurred convicted them to	Sponsorship	Expedition			
Columbus was able to hire a crew, 3	and Queen Isabella of Spain agreed to sponsor Columbus voyage.  - This was because they wanted to spread Christianity to newly discovered lands and to give Spain international status.  - This meant Columbus was able to hire a crew, 3 ships and a	without sighting land  - men losing moral  - Running out of food and water – men wanted to turn back  - Columbus convicted them to stay for 4 more f days, if they didn't sight land within those days then they would turn back  - On the second day			

B. Conquistadors								
Balboa	Cortez - Mexico	Pizarro - Peru						
- Established the first European settlement on the American mainland (Darian) - Tortured the natives in his position as governor of Darian Explored and took back pearls for Spain.	- Found stockpiles of gold at Tenochtitlan the Aztec capital city - Got into a disagreement with their leader (Montezuma) and decided to invade the city Aztecs were a stone age civilisation so stood no chance - Tenochtitlan destroyed and built over.	- Landed in Peru and brought with him European diseases - ravaged the population Defeated an Inca force of 80,000 with 168 men due to the panic and confusion of his cannons and horses Inca bought him off with rooms of gold and silver.						

C.	Can you define these key words?
Transatlantic Slave Trade	The transportation by slave traders of enslaved African people, mainly to the Americas from the 16th to the 19th century.
Empire	a group of countries ruled over by a single monarch or ruling power
Plantation	A large area of farmland on which crops are grown by workers (typically slaves) who live on the farm.
Scavenger	Child labourer made to crawl below spinning machines and collect loose cotton
Conquistador	Spanish armed adventurers who conquered parts of North and South America
Abolition	The act of officially ending or stopping something, e.g. slavery.
Middle Passage	The sea journey undertaken by slave ships from West Africa across the Atlantic Ocean to The Americas.

## D. How did Britain benefit from the Slave Trade?

Employment (Workers)	Investment	Trade						
The slave trade provided thousands of job e.g. in Liverpool by 1774 there were eight sugar refineries and fifteen rope factories all of which provided plenty of new jobs These factories made chains, anchors, rope and iron, copper and brass goods for the slave ships	<ul> <li>Money poured into Britain from the slave trade</li> <li>Banks did well by lending money to traders, but slave merchants also used their profits to set up important banks</li> <li>The trade was so profitable that it was not just the rich who wanted to be part of it - many tradespeople bought a share in a slave ship.</li> <li>This money was used to improve and invest in things like education which impacted everyone in Britain.</li> </ul>	<ul> <li>In a period that saw Britain industrialise, profits could be made by exporting manufactured British goods to Africa and then further profits made from imported slave products such as sugar, which became very fashionable with the British people.</li> <li>The slave trade was important in the development of the wider economy</li> <li>The slave trade played an important role in providing British industry with access to raw materials (cotton). This contributed to the increased production of manufactured goods (leading to the Industrial Revolution)</li> </ul>						

# Year 8 T4 History: Year 8 Unit 4 Age of Exploration

What we are covering	a whilst working	a from home: Ad	ge of Ex	ploration
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<u>We will be looking studying:</u> The exploration and expansion of the Spanish empire – Christopher Columbus and the actions of Spanish conquistadors. (A,B), How the expansion of the empire and its involvement in the slave trade led to developments in British industry and economy (C, D).

A. Key Events that led to Columbus sighting land in the New World							
Sponsorship	Contact with Natives	Expedition					

	B. Conquistadors								
Balboa	Cortez - Mexico	Pizarro - Peru							

C.	Can you define these key words?
Transatlan tic Slave Trade	
Empire	
Plantation	
Scavenger	
Conquista dor	
Abolition	
Middle Passage	

D. How did Britain benefit from the Slave Trade?							
Employment (Workers)	Investment	Trade					

# Year 8 Religious Education: The Philosophy of Religion

A. Can	you define these key words?	B.	Design Argument	C.	Cosmological Argument			
Key word	Key definition	• This is th	ne argument for the existence of God based on evidence	This is the argument for the existence of God which argues that				
Omnipotent	The belief that God is all-powerful	of desig	n in the world.	God is th	ne cause of the universe.			
Omniscient The belief that God is all-knowing		For exar	es of design include purpose and regularity in the world.  In ple, the laws of physics mean the planets move around	somethi	n the world must have a cause – if a door opens then ng must have opened it – this argument suggests that			
Omnibenevolent	The belief that God is all-loving		in a regular and ordered way. The human eye has all the structures to enable it to fulfil a purpose- vision	that first	there must have been a first cause to begin life in the universe and that first cause is God.			
Theism	The belief in God	]	Something cannot come from nothing, therefore some caused the world into existence. Without a fixed part of the company o					
Atheism	Disbelief or lack of belief in God	could be no second cause etc.						
Agnosticism	The belief that nothing can be known							
	about the existence or nature of God	D.	The Problem of Evil	E.	Religious Experience			
Empirical evidence	Evidence for something based on observation or experience		the argument that the existence of evil nines belief in an omnipotent and omnibenevolent God.	This is an experience which has a religious meaning for the person who experienced it.				
Analogy	A comparison between things that have similar features, often used o help explain a principle or idea.	<ul> <li>If God is meant to be omnibenevolent, omnipotent and omniscient, then the existence of evil cancels out one of these attributes of God.</li> </ul>		<ul> <li>Religious experiences are where you experience God. It can include visions / dreams where you are visited/ hearing G seeing a miracle/ prayers being answered or just feeling to</li> </ul>				
Theodicy	An argument which defends God against the problem of evil.		<ul> <li>The problem of evil is frequently known as the inconsistent triad.</li> <li>The inconsistent triad is only a challenge to the god of classical theism/ monotheistic Abrahamic faiths, as this is the description</li> </ul>		e of God/ Near death experiences ette at Lourdes had religious experiences where the Virgin oke to her.			
Fallacy	A mistaken belief, especially one based on unsound arguments.	of God	they offer.					
F Criticisms								

# F. Criticisms Design Argument

- God is supposed to be perfect therefore how can there be flawed design such as corruptions in DNA which cause cancers or damage to bodies
- The 'Design' of the world may be coincidence.
   For example, sometimes we see pictures in
   the clouds, like a rabbit or a face. We know
   this is just a random coincidence. Just like
   clouds that move into and out of shape
   quickly, without a designer, the atoms in the
   universe have moved into this shape and will
   move out of it again before long. We think we
   see design, but it is just coincidence

## **Cosmological Argument**

- Just because something is true of the part, it does not mean it is true of the whole- eg a brick is small, so a wall is small.
- Our understanding of the universe is limited to the world around us – because things require a cause in this world, does not mean that the entire universe requires a first cause.
- If the existence of God as a 'necessary' being without a cause can be a fact, why can't the universe itself just be a 'brute fact'?

#### **Theodicies**

- Many religions explain the origin of evil in the world – such as in Christianity with Adam and Eve and the original sin.
- God gave humans free will, and through free will humans can choose evil.
- Some people argue that experiencing the bad in the world allows humans to grow and develop.
- Do we need evil to understand what good is?
   If we lived in a world that was all red, we
   wouldn't have an understanding of what red
   really meant. So if we lived in a world that was
   only good, would we understand what good
   really meant?

### **Religious Experience**

- There is no evidence that people who claim to have had religious experiences are telling the truth.
- Factors such as certain foods, drugs and alcohol make people have strange feelings.
- There have been times when there seems to be an increase in reported religious experiences.
- If God is able to give people religious experiences that they cannot deny, why doesn't He give them to everyone so there is no doubt that God exists?
- People who have religious experiences have often had some form of religious upbringing. Could this mean that they are more likely to think that a mysterious experience has an obvious explanation?

# Year 8 Religious Education: The Philosophy of Religion

	an you define these key words?		B.	Design Argument		C.	Cosmological Argument	
Key word	Key definition							
Omnipotent								
Omniscient								
Omnibenevole	nt							
Theism								
Atheism								
Agnosticism								
Facelidad			D.	The Problem of Ev	il	E.	Religious Experience	
Empirical evidence								
Analogy								
Theodicy								
Fallacy								
F. Criticisms Design Argume	+	Cosmological	Argument		Theodicies	ı	Religious Experience	
God is supp how can the damage to The 'Design pictures in twe know the move into a designer, the moved into again before	osed to be therefore re be flawed design such as in DNA which cause cancers or odies of the world may be For example, sometimes we see ne clouds, like a rabbit or a face.	Just because small.  Our unde the world a the entire  If the exist being with	use something it does not me eg a brick i rstanding of th I around us – b in this worl e req itence of God a hout a cause ca	is true of the ean it is true of the is small, so a wall is see universe is limited to ecause things require d, does not mean that juires a first cause. Is a ''an be a fact, why can't e a ''?	<ul> <li>Many religions explain the in the world – such as in Adam and Eve and the origin</li> <li>God gave humans through free will humans ca</li> <li>Some people argue that exp the in the world allow and</li> <li>Do we need to unde is? If we lived in a world really meant. So if we lived was only , would we what good really meant?</li> </ul>	with all sin. , and n choose evil. eriencing s humans to grant and what orld that was all of whe din a world the single or whe sin	There is no that people who claim to have had religious experiences are telling the truth.     Factors such as certain and make people have strange feelings.      There have been times when there seems to be an increase in reported experiences.  If God is able to give people religious experiences that they cannot,	



# Year 8 Term 4 SPANISH Knowledge organiser: Topic = Adict@s a la moda



1001				•					1001
What we are learning t	his term:	C. Si ganara la lotería	- If I won the lottery						
A. Describing what your B. Describing fashion	in greater detail	Si fuera millionario/a Si fuera possible	If I were a millionaire If it were possible If I won the lottery	Vestirse To get dressed	Comprar To buy		Probar To try on	Devolver To return (item)	Cambiar To (ex)change
D. Visiting a shopping	pping on the high street centre cms when shopping	Si ganara la lotería cambiaría de peinado	I would change my hairstyle	Me visto I get dressed	Compr I buy	о	Pruebo I try on	Devuelvo I return	Cambio I (ex)change
F. Fashion in the Hisp G. Translation practic	e	compraría un montón de ropa de marca	I would buy lots of designer clothes	Te vistes You get dressed	Compr You bu		Pruebas You try on	Devuelves You return	Cambias You (ex)change
6 Key Words for this t	4. rebajas	unas gafas de sol de marca	designer sunglasses I would go to the hairdresser	Se viste s/he gets dressed	Compra		Prueba	Devuelve	Cambia
vestirse     la ropa	5. lo/la/los/las 6. la talla	iría a la peluquería tendría un asistente personal	I would have a	Nos vestimos We get dressed	Compr		s/he tries on Probamos	s/he returns  Devolvemos	s/he (ex)changes  Cambiamos
	r así! – It's impossble to buy	tendría un teléfono movíl de lujo	l would have an expensive mobile	Se visten	We bu		We try on	We return	We (ex)change
tiene un agujero	that!	D. Esto es lo que llevo		They get dressed	Compra They bu		Prueban They try on	Devuelven They return	Cambian They (ex)change
está roto/a	It's broken	la ropa clothing		E. En el cent		ercial – In th ntre	ne shopping	F. De tiendas	- At the shops
cambiar el cambio funcionar pedir probar quedar bien el reembolso ¿en serio? lo siento el tique de compra vale vender otros/as pocos/as todos/as varios/as  B. Estrellas con est	to (ex)change exchange to work / function to ask for to try (on) to suit / fit refund really? I'm sorry receipt right/Good//ok to sell other few all several	Ilevar ¿Qué Ilevas? Llevo los calcetines la camisa la chaqueta la falda la gorra el jersey los pantalones el uniforme los vaqueros el vestido las zapatillas (de deporte) los zapatos bonito/a  to wear What do you wear? I wear socks shirt jacket la skirt cap jumper trousers uniform jeans dress trainers		las alfombras la alimentació la azotea el jugete la jugetería el hogar la moda depo los muebles	comerciales por internet las tiendas pequeñas la agencia de viajes la alfombras la alimentación la azotea el jugete la jugetería el hogar la moda deportiva los muebles la planta baja la relojería el anuncio en line small shops travel agency rugs food tood tood toy toy shop homewares/home sportswear furniture ground floor watch shop advert				butchers chocolate shop jewellers bakery stationery shop perfume shop fishmongers fancy dress shop  clothes shop shoe shop coat to open to rent / hire to close accessories crazy new some
amplio/a corto/a de cuadros estampado/a estrecho/a de flores hortera largo/a liso/a de lunares de rayas apropiado/a	baggy short checked patterned tight floral tacky long plain spotted striped appropriate	cómodo/a elegante guay tradicional este/este estos/estas ese/esa esos/esas aquel/aquella aquellos/aquellas la blusa la cinta para el pelo el cinturón	comfortable smart / stylish cool traditional this these that those that (further away) those (further away) blouse headband belt	en línea hacer clic la oferta el ratón la variedad primero segundo tercero cuarto quinto sexto		variety first second third fourth fifth sixth		algunos/as ciertos/as muchos/as la camiseta el coche cuatro por cuatro el equipamiento propio/a la ropa de marca salir de fiesta	certain many T – shirt 4 x 4 vehicle equipment own (possessive) designer clothes to go out partying
distinto/a	different	el estilo	style	séptimo		seventh			



# Year 8 Term 4 SPANISH Knowledge organiser: QUIZZABLE Topic = Adict@s a la moda



What we are learning thi	is term:	C. Si ganara la lotería	- If I won the lottery	ry Key Verbs					
A. Describing what you wear     B. Describing fashion in greater detail		If I were a millionaire If it were possible If I won the lottery		Vestirse	Compr To	ar	Probar	Devolver To return (item)	To (ex)change
D. Visiting a shopping c E. Dealing with problem	ns when shopping		I would change my hairstyle	Me visto I get dressed	Compr I	·o	Pruebo	Devuelvo	Cambio ———
F. Fashion in the Hispanic world G. Translation practice		compraría un montón de ropa de marca	designer	You get dressed	You bu	ıy	Pruebas You try on	Devuelves	You (ex)change
Key Words for this ter     la moda     vestirse	4. rebajas 5. lo/la/los/las	iría a la peluquería	sunglasses I would go to the hairdresser	Se viste s/he gets dressed	Compra	1	s/he tries on	s/he returns	s/he (ex)changes
Ia ropa  A. ¡Es imposible comprar a	6. la talla	tendría un teléfono	I would have a personal assistant	Nos vestimos ———	Compr	amos	Probamos We try on	We return	Cambiamos
like th		movíl de lujo  D. Esto es lo que llevo	o – This is what I wear	Se visten They get dressed	They bu		They try on	Devuelven They return	Cambian They (ex)change
	It's broken to (ex)change		clothing to wear	E. En el cent		ercial – In th ntre	e shopping	F. De tiendas	- At the shops
el cambio	—————		What do you wear?			shopping	g centres	la chocolatería	butchers
funcionar 	to ask for	los calcetines	l wear	por internet				la panadería	jewellers
probar quedar bien		la camisa la chaqueta		las tiendas pequeñas				la perfumería	stationery shop
el reembolso	really?	la corbata	skirt	la agencia de	viajes	rugs		la tienda de	fishmongers
	l'm sorry receipt	el jersey	cap	la azotea		food		disfraces la tienda de ropa	
vender otros/as	right/Good//ok ————		trousers uniform	el jugete la jugetería				la zapatería	coat
pocos/as		el vestido	jeans 		-	homewa sportswe	res/home ear		to open to rent / hire
todos/as varios/as		las zapatillas (de deporte)		la planta baja		furniture		cerrar	accessories
B. Estrellas con estil	lo – Stars with style	los zapatos	pretty	la relojería		advert			crazy new
	patterns baggy		comfortable smart / stylish cool	devolver en línea				algunos/as ciertos/as	
de cuadros estampado/a	short	tradicional	this	el ratón	_	to click ( offer	mouse)	muchos/as  el coche cuatro por	T – shirt
estrecho/a	floral	estos/estas ese/esa		primero		variety		cuatro	equipment
	tacky long	esos/esas	that (further away)	segundo tercero				la ropa de marca	own (possessive)
liso/a de lunares		la blusa	those (further away)		-	fourth fifth			to go out partying
de rayas apropiado/a		la cinta para el pelo el cinturón		sexto	_				
арторіацо/а 	different		style		_	seventh			

G. Translation Practice		
The shoes and the T – shirt	Lzylc	
The trousers and a jumper	Lpyujb	
I wear some white trainers	Luzb	
The black jumper is more expensive than the shoes	Ejnemcqlz	
The white socks are less expensive than the trainers	Lcbsmcqlz	
I like the green shoes more than the white shoes	Mglzvmqlzb	
I don't like the red shirt but I like red dresses	Nmglcrpmgevr	
I wear socks but he wears trainers	Lcplz	
The jeans are more comfortable than the trousers	Lvsmcqlp	
To go to the party, I'm going to wear a black suit	Pialfvalutn	
I would like to wear blue jeans to school	Mglvaac	
I would like to wear white Nike trainers to school	MgIzdNac	
I love those boots	Meeb	
I want that T-shirt	Qec	
Can I try it on?	¿Mlpp?	
It suits me well.	Mqb	

H . Key Questions: Answer the following in your own words. Use these model answers		
¿Qué llevas normalmente? What do you normally wear?	Normalmente, llevo una camiseta y unos vaqueros. A veces llevo un vestido.	
¿Cómo es tu uniforme? What is your uniform like?	Para ir al colegio, llevo una camisa azul, unos pantalones negros, una corbata y una chaqueta granate. De vez en cuando llevo una falda negra con medias, y unos zapatos negros.	
¿Qué piensas de tu uniforme? What do you think of your uniform?	No me gusta mi uniforme porque en mi opinión es muy incómodo y no es elegante. Sin embargo, pienso que llevar uniforme es una buena idea porque todos los estudiantes son iguales.	
¿Cómo sería el uniforme de tus sueños? What would your ideal uniform be like?	El uniforme de mis sueños sería más cómodo y de moda. Me gustaría llevar unos vaqueros y una camiseta. También me gustaría llevar unas zapatillas de deporte.	

	I. Key Questions: Translate these model answers using the KO		
		Normally, I like to wear blue jeans with a black jumper. I think that it is very comfortable. Sometimes I wear a white T – shirt.	
	¿Cómo es tu uniforme? What is your uniform like?  My uniform is very Smart. I wear a white shirt with a black tie. I wear a black jacket and black trousers. I wear black shoes too. Sometimes I wear my blue jeans.		
¿Qué piensas de tu uniforme? What do you think of your uniform?  I love my uniform because it's very smart; it's not ugly! I think that my uniform is very comfortable but expensive to buy.		I love my uniform because it's very smart; it's not ugly! I think that my uniform is very comfortable but expensive to buy.	
	¿Cómo sería el uniforme de tus sueños? What would your ideal uniform be like?	The uniform of my dreams would be less smart and cheaper. I would like to wear black jeans everyday with trainers. I would also love to wear a black jumper.	

J. Key Grammar		
Using demonstrative adjectives	este/esta – this estos/estas – these ese/esa – that aquel/aquella - that (further away) aquellos/as – those (further away)  Demonstrative adjectives need to agree with the noun they are referring to. e.g. Me gustan estas botas – I like these boots e.g. No me gustan nada estos jerseys – I don't like these jumpers at all	
Using DOP (direct object pronouns)	lo/la/los / las Basically, a DOP means 'it/them' it saves you from having to keep repeating the noun all the time. DOPs must agree with the noun you are replacing / referring to. e.g. Me gusta llevar la camiseta – I like to wear the T-shirt OR you can use DOP and say Me gusta llevarla. (la on the end refers to the noun which in this case is FEM. SINGULAR) e.g. La voy a comprar = I'm going to buy it (the DOP is LA so we know the noun is FEM. SINGULAR). e.g. Voy a comprar el jersey = I'm going to buy the jumper OR lo voy a comprar = I'm going to buy IT. (LO in this case refers to MASC. SINGULAR. noun which is 'el jersey')	



# **Year 8 Digital Literacy**



A.	Creating Strong Passwords		
A strong password should:			
	A	Use a mixture of 10-15 characters.	
	В	Use symbols and numbers.	
	С	Use upper and lower case letters.	
	D	Avoid sequences.	
	E	Not contain personal information	
A weak	A weak password		
	Α	Is short (less than 10 characters long)	
	В	Uses popular terms.	
	С	Uses common phrases.	
D		Uses sequences of letters or numbers.	
	Е	Uses personal information (individual's name, date of birth).	

What we are learning this term	:		
A. Creating strong passwords	B. File Handling	C. Word	D. Powerpoint

B.	File Handling	
Keyboard shortcuts		
Rena file	ıming a	F2
Сору	,	Ctrl+C
Paste	e	Ctrl+V
Cut		Ctrl+X
New	folder	Ctrl+Shift+N

C.	Word		
Ribbor	1	The bar at the top of a word document which has all the tools and tabs	
Tab		The sections along the top row. Each one has its own set of tools and options.	
Font		A graphical representation of text in many different designs	
Bold		Makes text appear darker making the letters thicker	
Italics		A style of font that slants the letters evenly to the right.	
Bullet	Points	An asterisk, black dot, circle, or another mark found before the text. Usually used to make lists.	
Layout		Formatting options that affects how content appears on the page.	

D.	Powerpoir	point	
Slide		A single screen of a presentation	
Theme	)	A predefined set of colours, fonts, and visual effects that you apply to your slides for a unified, professional look	
Anima	tion	The movement of slide objects, which can include text, pictures, charts, SmartArt graphics, shapes, and movie clips	
Transition A visual effect that occurs when moving from one slide to another during a presentation			
Hyperlink  A link added to a text or image that leads to a new document or a new section we the document when clicked on			



# **Year 8 Digital Literacy**



A. Creating	Creating Strong Passwords	
A strong password should:		
А		
В		
С		
D		
E		
A weak password		
А		
В		
С		
D		
E		

What we are learning this term	:		
A. Creating strong passwords	B. File Handling	C. Word	D. Powerpoint

В.	File Han	dling	
Keyl	Keyboard shortcuts		
Ren file	aming a		
Cop	у		
Past	e		
Cut			
New	folder		

C.	Word		
		The bar at the top of a word document which has all the tools and tabs	
		The sections along the top row. Each one has its own set of tools and options.	
		A graphical representation of text in many different designs	
		Makes text appear darker making the letters thicker	
		A style of font that slants the letters evenly to the right.	
		An asterisk, black dot, circle, or another mark found before the text. Usually used to make lists.	
		Formatting options that affects how content appears on the page.	

D. Powerpoint		nt .			
			A single screen of a presentation		
			A predefined set of colours, fonts, and visual effects that you apply to your slides for a unified, professional look		
			The movement of slide objects, which can include text, pictures, charts, SmartArt graphics, shapes, and movie clips		
			A visual effect that occurs when moving from one slide to another during a presentation		
			A link added to a text or image that leads to a new document or a new section within the document when clicked on		



# ART: Year 8 Term 4 - Topic = Day of the Dead



# What we are learning during these term:

- About Day of the Dead (DOTD) Mexican Holiday.
- How to use the Grid Method for accurate drawing of a skull.
- DOTD artists: Thaneeya McArdle and Laura Barbosa.
- Positive/negative collage.
- Papier mâché sugar skulls.

# 6 Key Words for this project

- Sugar Skull
- Mexican Day of the Dead Symmetry
- Armature
- Papier Mâché
- Outcome

- В. How to use the Grid Method for accurate drawing.
- Use a ruler to draw an equally spaced grid onto your image.
- 2. Draw an identical grid LIGHTLY onto paper.
- Draw in the main outlines of your image, focusing on one square at a time Use a ruler to help you *measure* the positioning of lines if needed.
- Add main details before erasing he grid on the paper.
- Add fine details and build in tone.

A colourful an and heavily patterned skull. The term is often applied to edible version of a skull, with colour



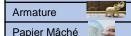
# Keywords for this project in detail:

# Sugar Skull Mexican Day of

Or known as 'Día de Muertos' in Spanish, is a festival held in Mexico from 31st October to 2nd November every year to remember the deceased.



Same on both sides, like a reflection.



A support and foundations (starting point) for a sculpture. A technique using watered down PVA glue and paper.

The final piece of art for a project, which shall be the DOTD papier mâché sugar skull sculptures.

and pattern. They are made and eaten in celebrating ancestors who have died.

Outcom	ie 💮	The final piece of a
A.	About Day of the De	ad, Mexican Holiday.

# It is a Mexican Christian holiday.

- It began as a day of thanks for the harvest.
  - The festival lasts 3 days. It Occurs 31st October 2nd November every year.

# Why?

What?

It is a festival that celebrates the lives of those who have died.

# How?

# Different things happen on each day....

### DAY 1:

- Relatives put flowers on graveyards or in vases.
- They create an altar somewhere in the house with pictures of the dead, along with favourite objects. The rest of this day is spent making the favourite foods of the person(s).

### DAY 2:

\* Families have big celebrations at their homes. They serve all the food they made the day before. They eat candies shaped like skeletons. Friends stop by and people dance and sing. DAY 3:

. The holiday expands to the town. There are parades and floats and characters in costume

#### C. DOTD artists: Thaneeya McArdle and Laura Barbosa.

### Thaneeya **McArdle**



- Inspired by Indian Art.
- Works with a range of materials including acrylic. paint and various programmes on

Indian like qualities.

Self-taught painter

- the computer. Her work shows a creative and personal. interpretation of Day of the Dead and has
- Designs are vibrant, symmetrical and include the use of intricate patterns.

## Laura Barbosa

Produces artwork based on the theme Mexican day of the dead



- Uses fluorescent and vibrant colours that also have contrasting areas.
- Her brush strokes are dominant in her work and
- Her use of patterns are simplistic.

## How to make a positive/negative collage.

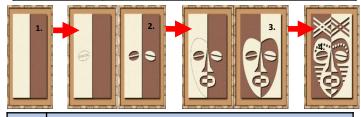
Collage is a form of art by cutting and ripping paper to create interesting

## Steps for making your collage:

- Cut a piece of light A4 piece of paper in half and place one half over the top of the darker A4 piece of paper.
- Draw and cut out one facial feature at a time from the light piece of paper and flip it over onto the dark piece of paper. DO NOT cut into the dark piece of paper, only the light. Remove the dark piece of paper from underneath the light piece before cutting. Draw the shape of the face on the light piece of paper and flip it over to
- the dark piece of paper, aligned with the rest of the face. Add additional details on the face and in the background, following the
- same technique as step 2.

## What each tool is used for:

	Cutting mat	To protect the table from damage.	
•	Craft knife	To precisely cut shapes from paper.	
	Glue stick	To cleanly stick the shapes onto paper.	



### How to make a papier mâché sugar skull.

Papier mâché is made from newspaper and PVA glue, which hardens solid once dry.

#### Steps for making your sugar skull:

- Roll two balls of white tissue, one slightly bigger than the other and tape it to a piece of A4 card. This is the armature, the bare bones of starting the
- Apply the first layer of papier mâché using newspaper as smoothly as possible using PVA glue.
- Mould the facial features with papier mâché using white tissue and PVA glue, building it up to make it three dimensional and as smooth as
- Apply a final thin layer of newsprint and PVA papier mâché for a smooth
- Paint the sugar skull with white emulsion paint and allow to dry. Apply colourful poster paint in the background and use acrylic paint and pens to add the final details.











## ART: Year 8 Term 4 - Topic = Day of the Dead QUIZZABLE

# what we are learning during these term:

- About Day of the Dead (DOTD) Mexican Holiday.
- How to use the Grid Method for accurate drawing of a skull.
- DOTD artists: Thaneeya McArdle and Laura
- Positive/negative collage.
- Papier mâché sugar skulls.

## 6 Key Words for this project

- Sugar Skull
- Mexican Day of the Dead
- Symmetry
- Armature
- Papier Mâché
- Outcome



Explain how to use the Grid Method for accurate drawing.

Explain how to make a positive/negative collage.

Collage is:

Steps for making your collage:

What each tool is used for:

Cutting mat

Craft knife

Glue stick

# Keywords for this project in detail:

# Sugar Skull



A colourful an and heavily patterned skull. The term is often applied to edible version of a skull, with colour and pattern. They are made and eaten in celebrating ancestors who have died.

Or known as 'Día de Muertos' in Spanish, is a festival held in Mexico from 31st October to 2nd

November every year to remember the deceased. Same on both sides, like a reflection.

Symmetry

Mexican Day of the Dead

A support and foundations (starting point) for a sculpture.

A technique using watered down PVA glue and paper. Papier Mâché

Outcome

Armature

The final piece of art for a project, which shall be the DOTD papier mâché sugar skull sculptures.

A.   About Day of the Dead, Mexican Holida	A.	About Day of the Dead, Mexican Holiday
--	----	--

# What?

- It is a Mexican Christian holiday.
- It began as a day of thanks for the harvest.
- The festival lasts 3 days. It Occurs 31st October 2nd November

# Why?

It is a festival that celebrates the lives of those who have died.

# How?

#### Different things happen on each day.... DAY 1:

- Relatives put flowers on graveyards or in vases.
- . They create an altar somewhere in the house with pictures of the dead, along with favourite objects. The rest of this day is spent making the favourite foods of the person(s).

### DAY 2:

- Families have big celebrations at their homes. They serve all the food they made the day before. They eat candies shaped like skeletons. Friends stop by and people dance and sing.
- DAY 3:
- The holiday expands to the town. There are parades and floats and characters in costume.

### DOTD artists: Thaneeya McArdle and Laura Barbosa.

### Thaneeya **McArdle**



- Inspired by Indian Art.
- Works with a range of materials including acrylic. paint and various
- programmes on the computer. Her work shows a creative and personal, interpretation of Day of the Dead and has Indian like qualities.
- Designs are vibrant, symmetrical and include the use of intricate patterns.

# Laura Barbosa



- Self-taught painter Produces artwork based on the
- theme Mexican day of the dead Uses fluorescent and vibrant colours
- that also have contrasting areas. Her brush strokes are dominant in her work and
- Her use of patterns are simplistic.

# Explain how to make a papier mâché sugar skull.

Steps for making your sugar skull:

Papier mâché is:

2











## Year 8 PRODUCT DESIGN Rotation Knowledge Organiser



## What we are learning this term:

A. Workshop Tools

B. Materials

C. CAD

D. CAM

**E. Memphis Design Movement** 

A.	Workshop Tools						
Ste	el Rule	Wooden Vice	Clamp	Bench Hook	Tenon Saw	Pillar Drill	Bandfacer
				1			

## **Materials**

### Timbers come from trees



Scots pine - which you used for your clock base - is a softwood

Softwoods come in planks and boards

## Manufactured Boards come from wood pulp



Plywood - which you used as your Memphis shapes - is a manufactured board

Manufactured Boards come in sheets

## Polymers come from crude oil



Acrylic – which you used as your Memphis shapes – is a polymer

Polymers come in sheets, graduals and filament

#### C. CAD



Advantages of CAD	Disadvantages of CAD	
Designs can be <b>created</b> , <b>saved</b> and <b>edited</b> quickly, saving time	CAD takes a long time to learn	
Designs or parts of design can be easily viewed from different angles, copied or repeated	Software can be very expensive	
CAD is very accurate	CAD files can become corrupted or lost	

#### D. CAM



sent to CAM machines such as laser cutters and 3D printers

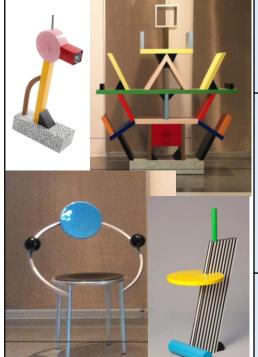
Advantages of CAM	Disadvantages of CAM	
Quick – Speed of production can be increased	CAM takes a <b>long time</b> to <b>learn</b>	
Consistency – All parts manufactured are all the same	High initial cost can be very expensive	
CAM is very accurate	Production <b>stoppage</b> – If the machines break down, the production will <b>stop</b>	

#### E. **Memphis Design Movement**



The Memphis Design movement was a collection of designers and artists that wanted to create something to break the rules of traditional design and still function in the sense of traditional design.

The idea was for the products to be bright, colourful, playful.



### **Key Designer**

Ettore Sottsass



### **Key Features:**

Crazy patterns; animal print, geometric, pinstripes. Strange shapes thrown together. Contrast!

#### Colours:

Bright, bold, Contrasting primary and secondary colours. Black patterns.

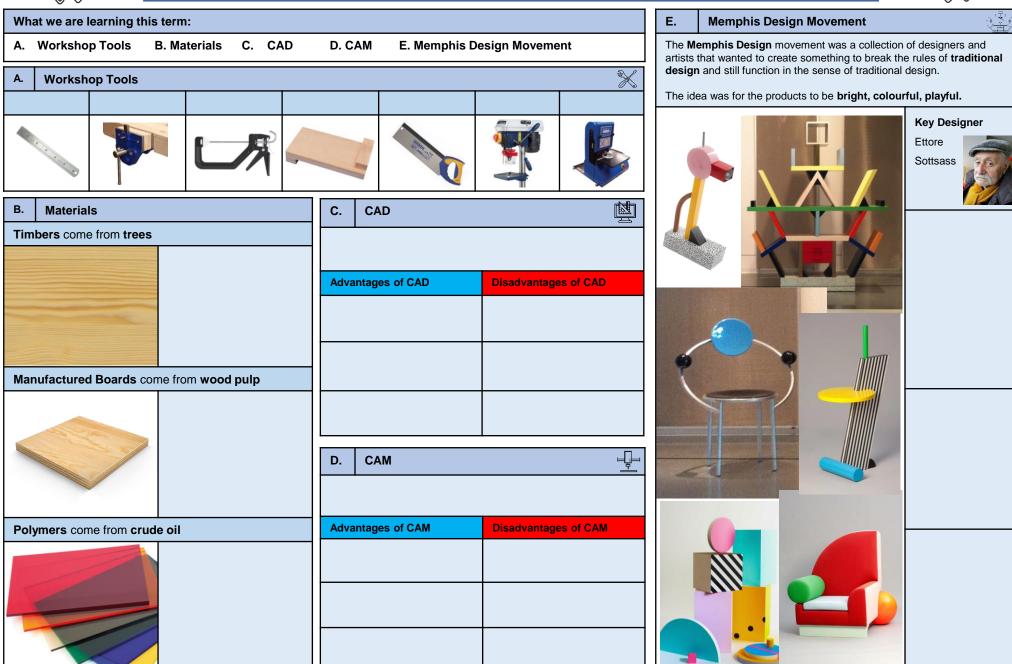
## Line Styles:

Very geometric; rectangles, triangles, squares, circles and arcs.



# Year 8 PRODUCT DESIGN Rotation Knowledge Organiser







# FOOD: Year 8: Topic = Planning a Healthy Meal



A method of keeping yourself

Information that you find out

to help you with a project

A meal that is healthy and

The age or type of person

you re creating a product for.

Foods that give you energy

Food that grow and repair

digestive system healthy and

Foods that make your teeth

A sketch or plan of how you are hoping a project to turn

Having everything ready for a

Foods that keep your

avoid constipation.

and bones strong

lesson and following instructions

describe a product

Using the time to remain

Use your senses to taste and

A collage of photos and key

words based on a project

out.

organised.

your muscles

contains vital nutrients.

and equipment clean

## What we are learning this term:

- A. Health, safety and hygiene in the kitchen
- B. The Eatwell guide and nutrients
- C. Design Ideas
- D. Weighing
- E. Practical skills
- F. Evaluation Work

# 6 Key Words for this term

- 1 Hygiene 4 Balanced
- 2 Health 5 Nutritional
- 3 Food Poisoning 6 Target Market

# A. What are the three macronutrients in the diet?

Carbohydrates Foods that are eaten to give the body energy

Protein Food that are eaten to build and repair muscles and cells

Fats Food that are eaten to protect your vital organs and insulate your body.



## B. Can you give 5 reasons for why someone should eat healthily?

- 1 to avoid obesity
- 2 it can be less expensive
- 3 to keep a healthy heart
- 4 to keep your body fit
- 5 it can make a positive impact on your family



# A. What is cross contamination and how can it be prevented?

Cross contamination happens when you use the wrong chopping board or equipment to prepare food which can therefore result in food poisoning.

B. What is the image on the left showing and how is it used?

In the photo you can see a food temperature probe. You use it to check that food it cooked. First you need to make sure that the probe is clean, then you insert it into the thickest part of the food and then check the temperature. If the food is cooked it can be served, if the food is not the correct temperature it needs to be cooked for longer.

# Can you list 5 reasons for why we cook food and why it is important?

## Rule

C.

- · 1 to get rid of bacteria on the food
- 2 to make the food taste better
- 3 to make food chewable
- 4 to ensure that food is not raw
- 5 to add colour to the food

# Why it is important

- 1 to stop food poisoning
- 2 to make the food more appealing
- 3 it could be raw or a choking hazard
- 4 to stop food poisoning
- 5 to make it look more appetising or change its use

E.	Keywords		
Hygiei	Hygiene		
Research			
Nutriti	ous		
Targe	t Market		
Carbo	hydrates		
Protei	n		
Fibre			
Calciu	m		
Desig	n Idea		
Organ	isation		
Time I	keeping		
Senso	ry analysis		

Mood Board



# FOOD: Year 8 : Topic = Planning a Healthy Meal - QUIZZABLE



## What we are learning this term:

- A. Health, safety and hygiene in the kitchen
- B. The Eatwell guide and nutrients
- C. Design Ideas
- D. Weighing
- E. Practical skills
- F. Evaluation Work

# 6 Key Words for this term

- 1 Hygiene 4 Balanced 2 Health 5 Nutritional
- 3 Food Poisoning 6 Target Market
- A. What are the three macronutrients in the diet?



В.	Can you give 5 reasons for why someone should eat healthily?
1	
2	
3	
4	
_	

	Use correct colour coded chopping boards and knives at all times
	RAW MEAT
	RAW FISH
	COOKED MEATS
	SALADS & FRUITS
	VEGETABLES
[	DAIRY PRODUCTS
	ALLERGENS
	20:

**Prevent Cross** 

Contamination

A. What is cross contamination and how can it be prevented?

B. What is the image on the left showing and how is it used?

E.	Keywords	
Hygiene		
Research		
Nutriti	ous	
Targe	t Market	
Carbo	hydrates	
Protei	n	
Fibre		
Calcium		
Design Idea		
Organisation		
Time keeping		
Sensory analysis		
Mood Board		

# Can you list 5 reasons for why we cook food and why it is important?

# Rule

C.

- 1
- . .
- 3
- 4
- 5

# Why it is important

- •
- 2
- 3
- 4
- !





### What we are learning this term:

12 Bar Blues Structure (Chords)

F

Accompaniment

12 Bar Blues

Improvisation

**Walking Bass** 

**Syncopation** 

Blues Music

**Blues Scale** 

Riff

Chord

- Playing the Keyboard left hand / right hand
- History of Blues Music -Check out this youtube video

Keywords

A group of notes played together.

using chords 1,4,and 5.

without preparation

note by note.

Black Americans.

pentatonic

A musical line that supports the melody

A chord progression used in Blues music

Music that is created spontaneously, or

Similar to ostinato. A repeating chord

A placement of rhythmic stresses/accents where they wouldn't normally occur. Off-A musical style originating in the US at the

end of the 19th century, mostly performed by

A six-note scale based on the major/minor

progression, pattern or melody.

Bass line that moves up and down the scale



SCAN ME

С	Playing the Keyboard
• Rem	ember to use your right hand when playing notes in the treble clef
	5 4 3 2 1 2 3 4 5 1 LH. RH.
	CDEFGABCDEFGABC

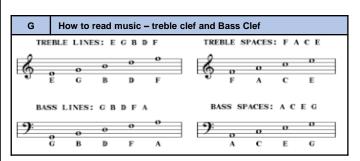
E	What are the	music	symbo	DIS?			
Note	Name	Beats	Rest	Note	Name	Beats	Rest
0	Semibreve, Whole Note	4 beats	-	0.	Dotted Semibreve, Dotted Whole Note	6 beats	-
d	Minim, Half Note	2 beats	-	d.	Dotted Minim, Dotted Half Note	3 beats	_

1/2 beat

Quaver, Eighth Note

noras:	C	12 bar blues Structure
= CFG		

12 Bar Blues Chord Progression in C  $\mathbf{G} = \mathsf{GBD} \quad \Big|^{1} \quad \mathbf{C} \quad \Big|^{2} \quad \mathbf{C} \quad \Big|^{3} \quad \mathbf{C} \quad \Big|^{4} \quad \mathbf{C}$  $^{9}$  G  $|^{10}$  F  $|^{11}$  C  $|^{12}$  G



G	Describing music – M	Describing music – MAD T SHIRT							
M	Α	D	Т	S	н	I	R	Т	
Melody	Articulation	Dynamics	Texture	Structure	Harmony/Tonality	Instruments	Rhythm	Tempo	
The tune	How notes are played	Loud/quiet and any other volume changes	Layers of sound / how they fit together	The sections and organising	Chords used / the mood	Types of instruments heard	Pattern of notes	The speed	

Dotted Quaver, Dotted Eighth Note

3/4 beat

F

## Year 8: Tonality and Structure (The Blues)



### What we are learning this term:

- A. 12 Bar Blues Structure (Chords)
- B. Playing the Keyboard left hand / right hand
- C. History of Blues Music –
  Check out this youtube video

Keywords



}; =	C	Playing the Keyboard
羅目	• Rem	ember to use your right hand when playing notes in the treble
ME	771	5 4 3 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ME		



clef

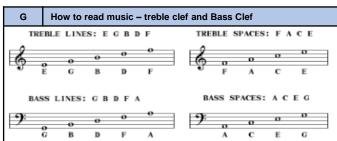
Note	Name	Beats	Rest	Note	Name	Beats	Rest
0			_	0.	Dotted		-
d	rza engue		_	d.			_
ا			٤	<b>J</b> .			કે.
1			7	1.			7.

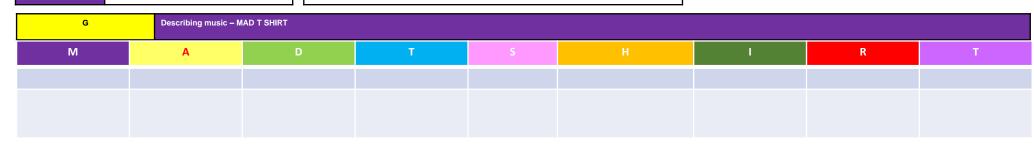














# Year 8 Term 4: Commedia Dell'arte & Slapstick



# What we are learning this term:

- A. How to create short improvisations and perform Lazzis in the style of Commedia Dell'arte
- B. How to perform the key characters from Commedia Dell'arte.
- C. How to respond to performances, analysing and evaluating how people have used Commedia Dell'arte techniques.

Commedia De	Il'arte Techniques- this term's key words
Lazzi	Rehearsed 'gags' or stock jokes which could be added into a performance
Mask	Most important characters have distinctive masks that represent their personalities
Stock-characters	stereotypical fictional characters who audiences recognise from their frequent recurrences.
Comedy	A genre in drama.
Marking the moment	Using a range of techniques such as a still image, slow motion, thoughts aloud or lighting and sound to highlight a key moment in a scene.
Exaggeration	Over the top gestures or facial expressions
Gesture	An expressive movement of the body, or something that is said or done to show a feeling, i.e. a wave.
Still image	This is a frozen picture which communicates meaning.
Mime	Using gesture and bodily movement without the use of words

C.	Who are the key characters?
Pantalone	Venetian Merchant, rich and mean
II Dottore	The Doctor, a fat windbag.
Columbina	Only female servant, clever.
Arlecchino	The best-known of the zanni or comic servant characters

The History of:	Commedia Dell'arte

Mask work and movement are key in Commedia dell'arte, an Italian comedy tradition that was popular in the Renaissance period. There were several stock characters, eg Pantalone and his servant Arlecchino from the play, *The Servant of Two Masters*.

The relationship between Basil Fawlty and Manuel in the BBC sitcom, *Fawlty Towers*, is reminiscent of the master-servant relationship in the Commedia dell'arte. The plots were arguably vehicles for several comic routines known as Lazzi. These were either based on an individual's habits or on interactions between characters that the audience would come to expect. The lazzi were hugely, if not entirely dependent on movement, such as Arlecchino catching and eating a fly in a exaggerated way, pretending to be a statue as a way of hiding or getting beaten round the head by his master.





# Year 8 Term 4 Knowledge organiser Topic: Commedia Dell'arte



## What we are learning this term:

- A. How to create short improvisations and perform Lazzis in the style of Commedia Dell'arte
- B. How to perform the key characters from Commedia Dell'arte.
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Commedia D	Dell'arte Techniques- this term's key words
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Stock	
Character	
Comedy	
Marking the	
Moment	
Exaggeration	
Gesture	
Still image	
Mime	

C.	Who are the key characters?
Pantalone	
II Dottore	
Columbina	
Arlecchino	

The History	Commedia Dell'arte
of:	

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# SWINDON ACADEMY READING CANON

Year 9

Long Way

