# Knowledge Organiser Booklet

Year 8

2024-25

Summer Term

Collaboration Opportunity Respect Excellence

DELIVERING A CORE EDUCATION



## <u>Subjects</u>

Key Stage 3 (Y7-9):	Key Stage 4 (Y10-11):
English Maths Science Geography History Religious Education French	English Maths Histo Art Com Business Studies Desig Religious Education Spor Food Science Perfo
Spanish Physical Education Computer Science Art Performing Arts Design Technology Personal Development	FrenchPsychSpanishDITGeographyGCSEHealth & Social CarePhotCombined ScienceSocialTriple Science: Biology,PersoChemistry & PhysicsDeven

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For students to succeed in a particular area, they must have a foundation of factual knowledge, understand those facts in the context of a conceptual framework and organise knowledge in order to facilitate retrieval and application. We can see knowledge organisers as a way to enable this, in a much more systematic way than traditional revision guides and textbooks.

There are many arguments made for the necessity of the memorisation of important knowledge. Our working memory capacity is limited, so by storing more in our long-term memory, we can free up working memory capacity.

Knowledge organisers are a summary of the key facts and essential knowledge that pupils need about a unit of work or a curriculum subject. Each page contains the essential information broken down into easily digestible chunks. Each single side of A4 is important to focus the minds of the teachers creating them so they only include what's crucial.

Pupils will review, revise and quiz themselves using their knowledge organisers. Knowledge organisers are a really clear and easy to understand way for parents to be more aware of what their children are learning at school and thus to support them whilst they revise/test themselves at home.



## How to use your Knowledge Organiser?

## What is a Knowledge Organiser and how will it help me?

It is an organised collection of knowledge that you need to know and learn for every topic you study in every subject. It will help you to be successful in your tests and exams.

Your teacher will use the knowledge organiser in your lessons. They will ask you to refer to various sections - they might talk this through and/or ask you to make key notes in your books or to highlight certain sections on your knowledge organiser. Your teacher will set homework, where you will be asked to learn key knowledge from your knowledge organiser - you will then be tested in lessons regularly via short quizzes.

## Do I have to bring my Knowledge Organiser every day ?

Yes, you do. It is one of our key expectations that you bring your knowledge organiser to every lesson, every day in your special Knowledge Organiser bag. Your Form Tutor will check this every morning.

## Is there anything I could use to support me when using my knowledge organiser ?

Some people find post it's handy to stick onto their knowledge organiser pages - these are useful for extra notes. Small white revision/flash cards are helpful so you can write key facts down. These can then be placed up around the house to help your revision.

## How should I use my Knowledge Organiser to help me learn?

There are lots of ways to use your knowledge organiser - the key to success is to find what works for you. The table below shows you some different ways to use them.

	How to use a knowledge organiser – A step by step guide						
	Look, Cover, Write, Correct	Definitions to key words	Flash Cards	Self Quizzing	Mind Maps	Paired Retrieval	
Step 1	Look at and study a specific area of your knowledge organiser.	Write down the key words and definitions.	Use your knowledge organiser to condense and write down key facts and information on your flash cards	Use your knowledge organiser to create a new quiz. Write down questions using your knowledge organiser.	Create a mind map with all the information you can remember from your knowledge organiser.	Ask a partner or family member to have the knowledge organiser or flash cards in their hands	
Step 2	Cover or flip the knowledge organiser over and write down everything you remember.	Try not to use your knowledge organiser to help you.	Add pictures to help support. Then self quiz yourself using the flash cards. You can write questions on one side and answers on the other.	Answer the questions and remember to use full sentences.	Check your knowledge organiser to see if there were any mistakes with the information you have made.	They can then test you by asking you questions on different sections of your knowledge organiser	
Step 3	Check what you have written down. Correct any mistakes in green pen and add anything you missed. Repeat.	Use your green pen to check your work.	Use a parent/carer or friend to help quiz you on the knowledge.	You can also use family to help quiz you. Keep self-quizzing until you get all questions correct.	Try to make connections that links information together.	Write down your answers.	

# What can be found in knowledge organisers?



Some of the core knowledge you can find in your knowledge organiser includes:

- key vocabulary / terminology (tier 3 vocabulary)
- key knowledge that students will require to have memorised for the subject
- key places and people
- useful diagrams (as required for the topic)
- key dates for a subject like history (e.g. when the two World Wars were) would clearly also be included
- key information they should know before starting the topic
- important quotes (that demonstrate those themes)
- important equations
- key academic language (tier 2 vocabulary)

## Learn, Cover, Write, Correct

## 1. LEARN

Choose a small 'chunk' of the page to learn. Read it over and over again in your head.





**2. COVER** Cover up the information you have just learnt.

## 3. WRITE

When the knowledge is covered up, write down the information you studied.



## **4. CORRECT**

Correct your answer, write any missing or incorrect words in red pen.



## **Practice makes Permanent**





## **The Essential Steps for 'Revising'**

Limit distractions	Find a nice space to revise in	Create and use a revision timetable. No cramming.
Set an alarm and start early	Work in intensive blocks of time (25 mins works well)	The more you put in, the more you get out
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Get plenty of sleep	Eat well	Ask your teachers for help
z <sup>z</sup> D		



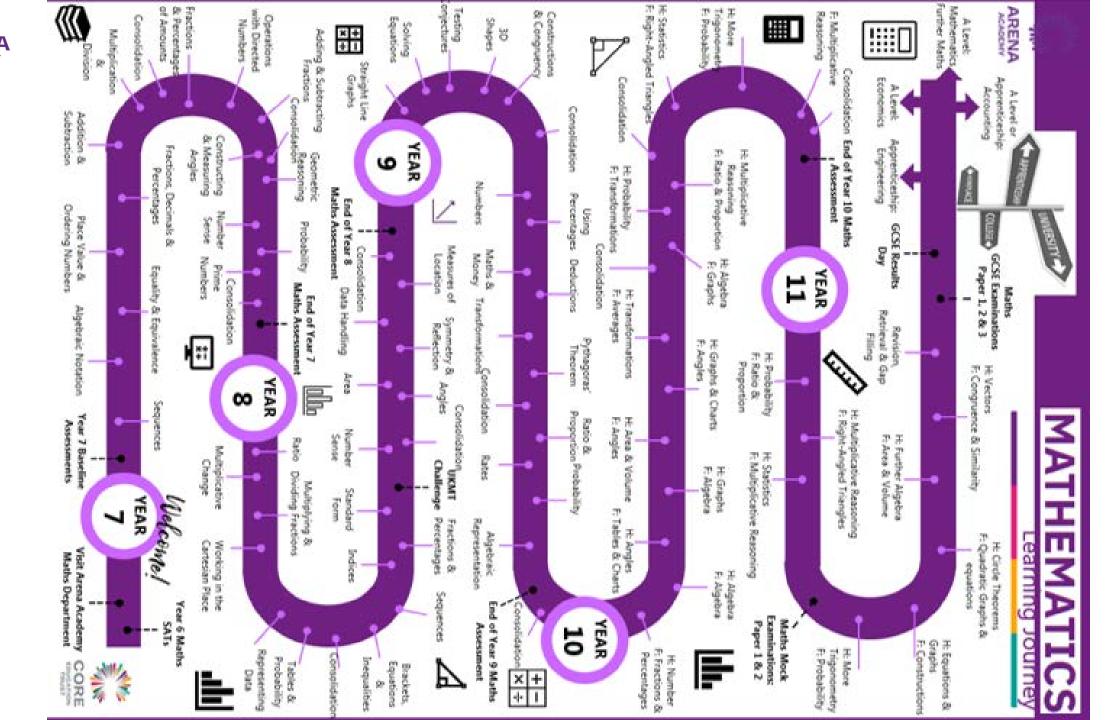
# Mathematics

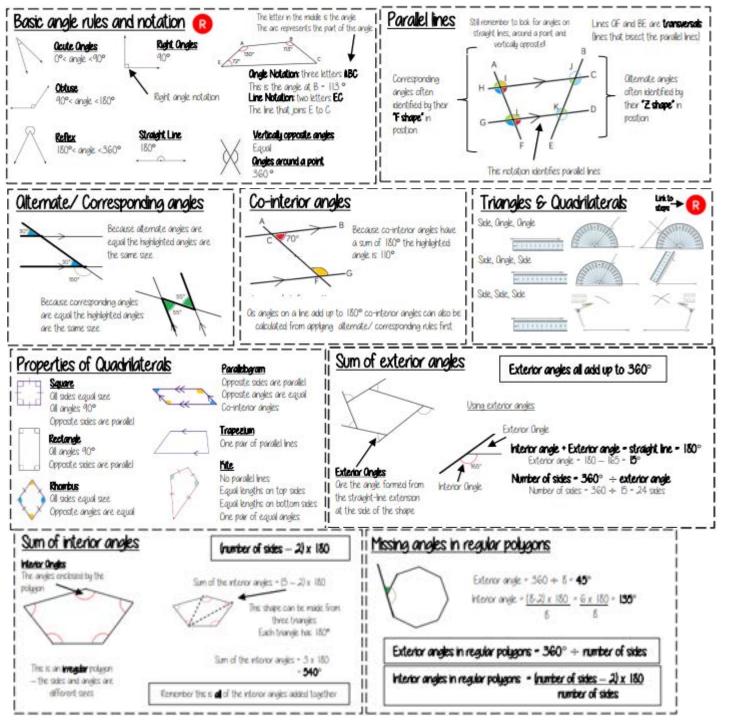
Topics covered from the beginning of the academy year to the end of this half-term.

## Summer:

- TOPIC 13 ANGLES IN PARALLEL LINES AND POLYGONS.
- TOPIC 14 AREA OF TRAPEZIA AND CIRCLES.
- TOPIC 15 LINE SYMMETRY AND REFLECTION.
- TOPIC 16 THE DATA HANDLING CYCLE.
- TOPIC 17 MEASURES OF LOCATION







### MATHS TOPIC 13 – ANGLES IN PARALLEL LINES AND POLYGONS.



*reumords* 

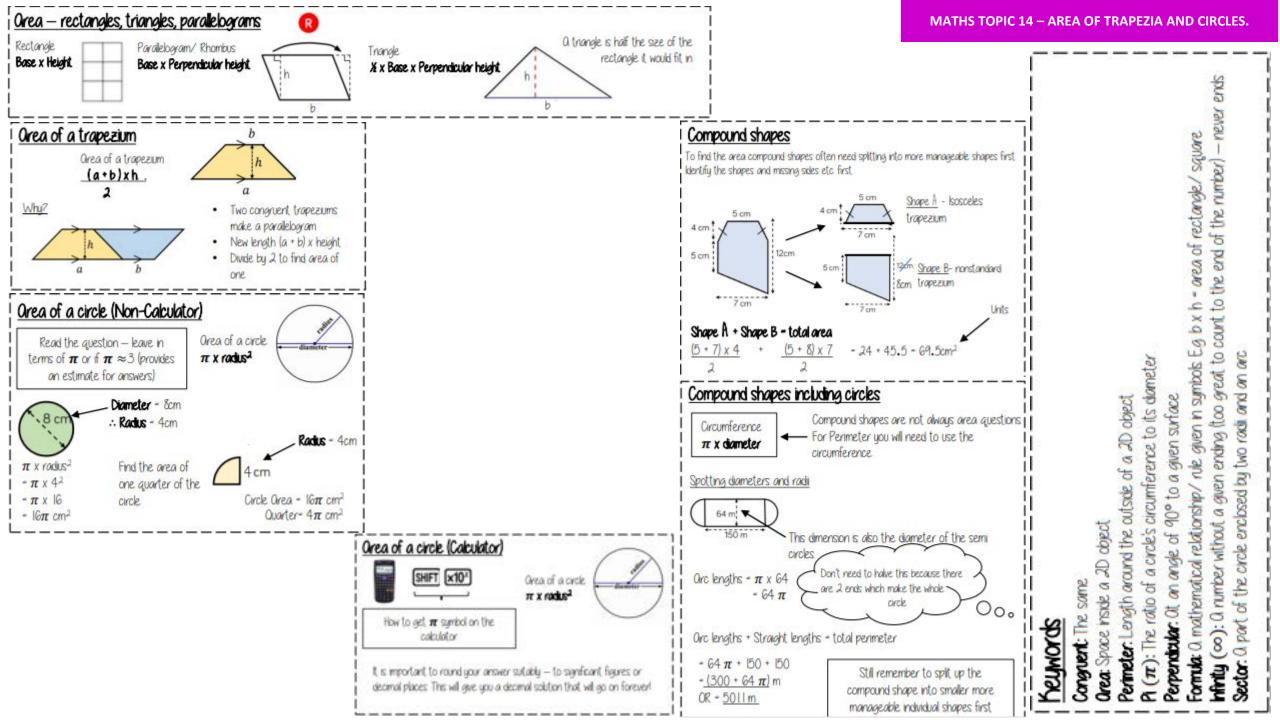
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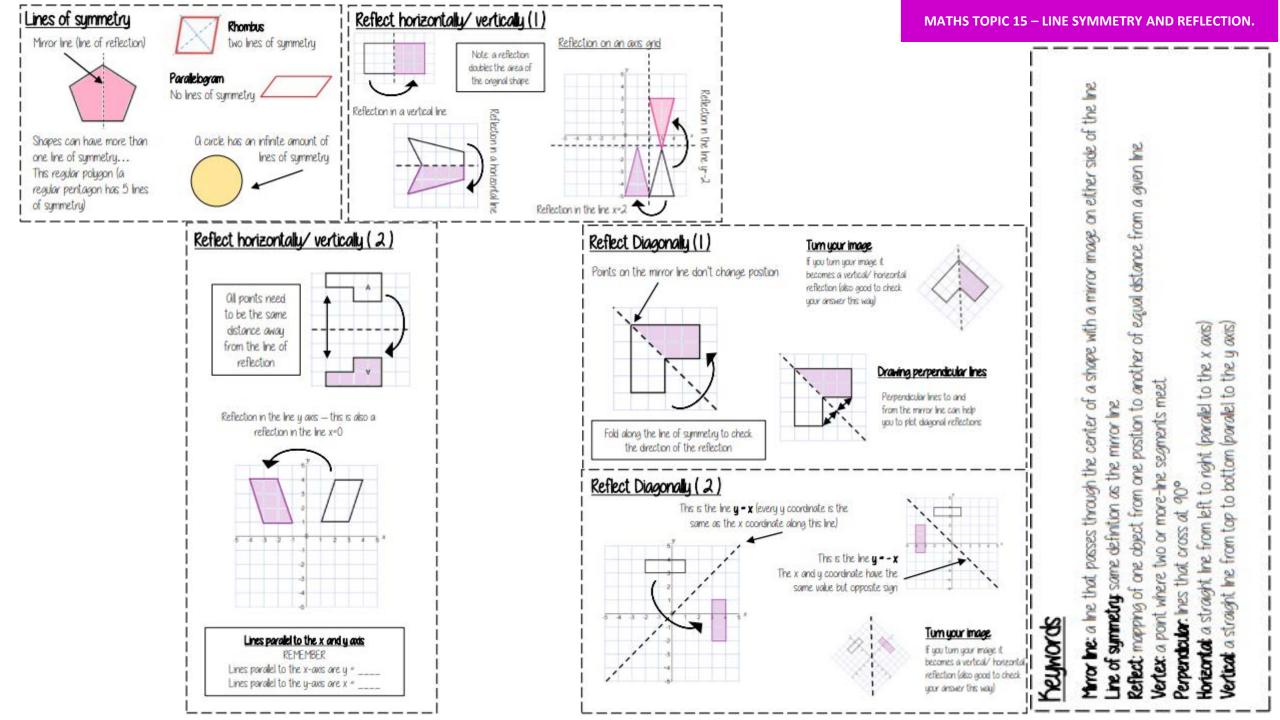
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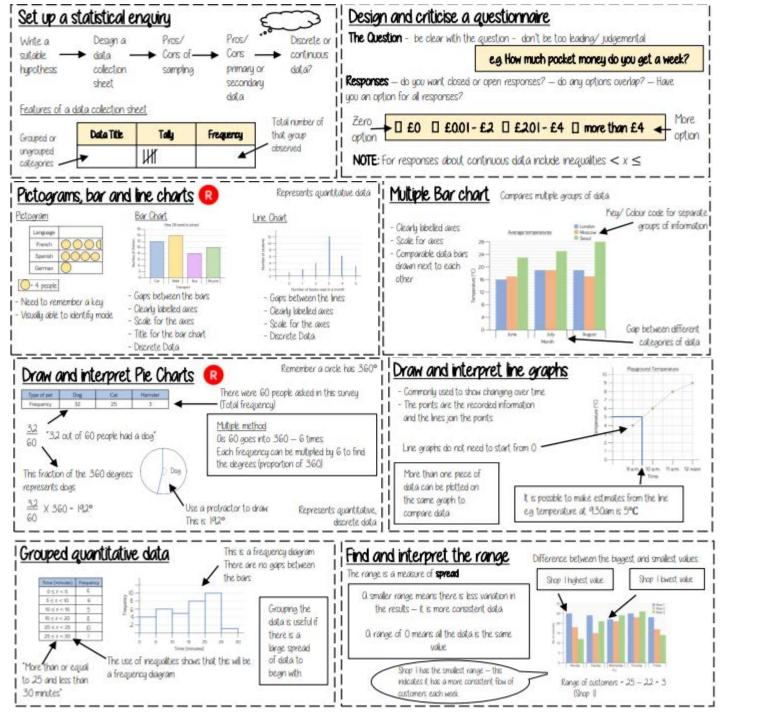
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## heymords

pothesis: an idea or guestion you want to test

to use to check your hypothesis things you want 5 Samping

mmany Data: data you colect yourself

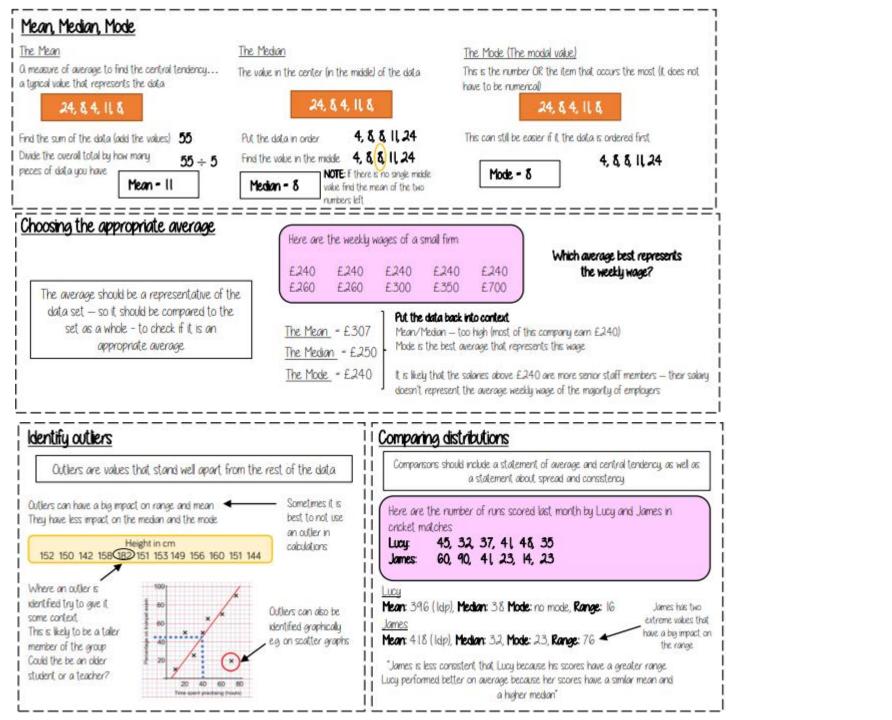
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MATHS TOPIC 16 - THE DATA HANDLING CYCLE.



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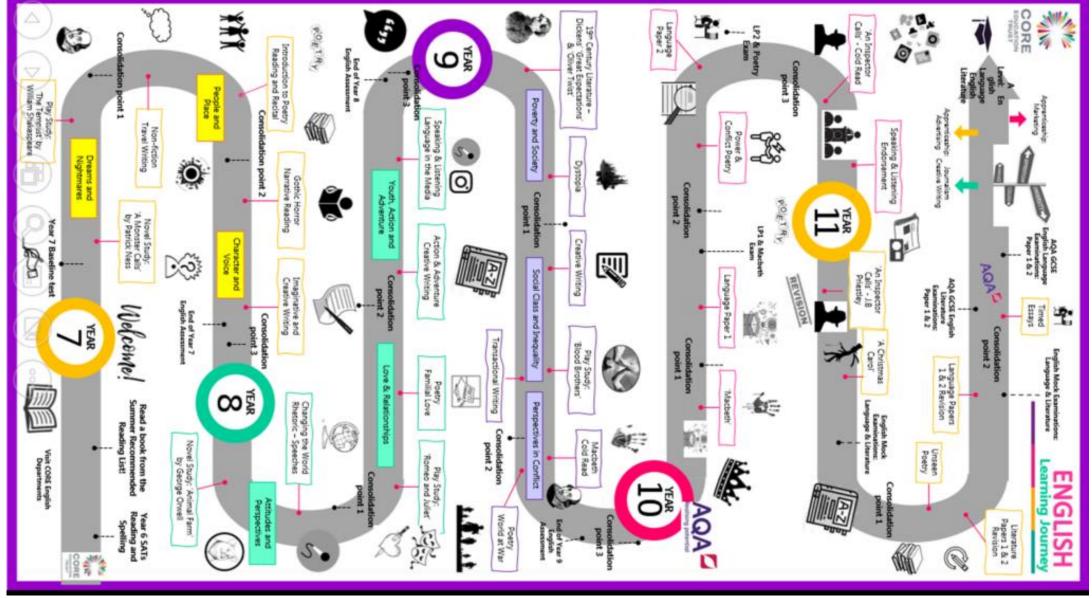


Topics covered from the beginning of the academy year to the end of this half-term.

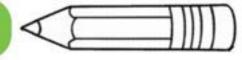
## Summer:

- 1. Writing your own adventure story
- 2. Reading extracts from adventure stories and understanding
- 3. how writer's structure their ideas and use a range of vocabulary and language techniques.
- 4. Craft sentences using prepositional push offs, adverbial openers, verb sentence openers/





## AdventureStories



## Does your adventure story include...

a title that makes the reader want to read your story?

a beginning to introduce character(s) and a setting?

a build-up to give hints and clues about what is going to happen?

a dilemma where something goes wrong? a resolution where the characters solve the dilemma?

an ending to close the story?

dialogue to advance the action?

short, snappy sentences used for effect? cliffhanger questions?

## Alternative Words for Said

((((

bellowed	boomed	laughed	mumbled
muttered	replied	roared	screamed
shrieked	stuttered	whispered	d yelled

N	or	d	Bo	ın	k	
				_		

abandoned	determined	magical
alarmed	disastrous	mysterious
ancient	discover	perilous
beastly	disturbing	shadowy
bizarre	enchanted	splendid
bold	enemy	sturdy
chilling	escape	swooped
conscious	evil	terrifying
creature	frightened	weird
crumbling	glorious	wicked
dangerous	hero	

## Subordinate Conjunctions after before because if while as until when since

## **Fronted Adverbials**

On just another ordinary day,

During the storm,

When it was all over,

As the day drew to a close,

Suddenly,

After the rain,

The next day,

Without warning,

Strangely,

Terrifyingly,

Rapidly,

Furiously,



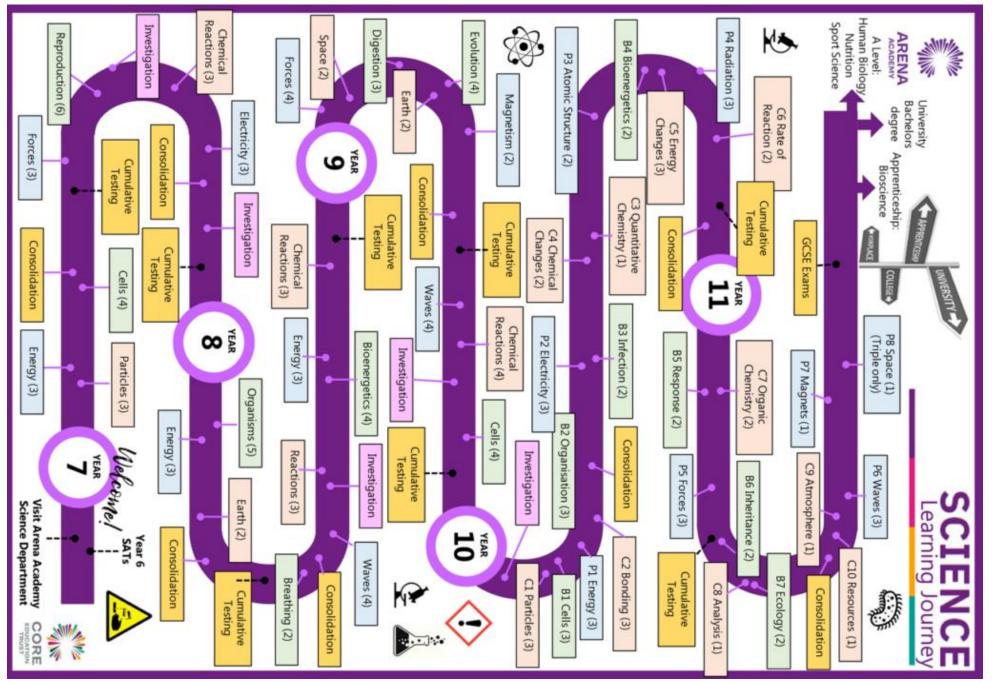
## Science

Topics covered from the beginning of the academy year to the end of this half-term.

## Summer:

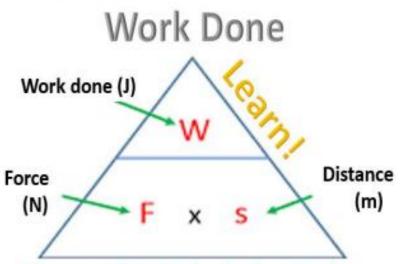
- 1. Work
- 2. Heating and cooling
- 3. Energy in reactions





## Work Knowledge organiser

- When a force causes a body to move, work is being done on the object by the force.
- Work is the measure of energy transfer when a force (F) moves an object through a distance (d).
- When work is done, energy has been transferred from one energy store to another.
- Therefore Energy transferred = work done



Distance must be in the line of action of the force

## Heating and cooling Knowledge organiser

Thermal conductor	A material that will let heat flow through it
Thermal insulator	A material that will not let met flow through it.
Conduction	Heat is conducted due to particles vibrating and hitting each other. The movement of heat (or electricity) through a substance.
Convection	The transfer of heat through a liquid or gas (fluid) Convection occurs when particles with a lot of heat energy in a liquid or gas move and take the place of particles with less heat energy
Radiation Heat can be transferred by infrared radiation, this is an electromagnetic and doesn't use particles.	
Temperature	temperature is a measure of how hot something is.
Heat	heat is a measure of the thermal energy contained in an object.
Thermal energy	Energy that is due to particles moving and results in an object having a temperature. It is transferred as heat

Conduction: Conduction can only happen in solids as the particle must be toughing to pass on energy to it's neighbours.

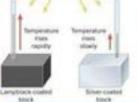
Heat moves from the hotter part of the object to the colder part

Particles in the metal are packed closely together. As they are heated the particles

gain kinetic energy and vibrate more. The particles that are vibrating collide with other particles and start to make them vibrate. This passes the kinetic energy from the heated particles to the cooler particles causing them to heat up too.

Radiation: Radiation doesn't need particles for the energy to Travel though as it is a type of electromagnetic radiation called infrared radiation.

Infrared radiation involves waves instead of particles. As such it can travel through a vacuum e.g. space. The hotter an object is, the more infrared radiation it emits.



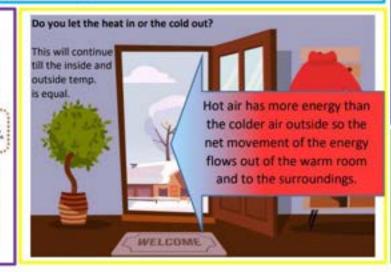
You can experience radiation for yourself, on a warm day dull dark objects feel warmer as they absorb the thermal energy from the sun whereas shiny or white objects reflect the thermal energy and so feel cooler.

molecules in solid objects don't "move" - they vibrate or "jiggle"

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heat conducts from warm to cold

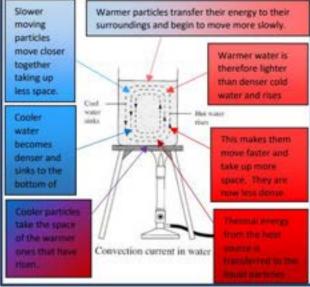
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Convection: This occurs naturally in fluids (liquid or gas) as the particles are free to move and pass the thermal energy to other particles they collide with. Convection Conv

Particles with lots of heat energy in a liquid or gas move and take the place of particles with a lot of energy. Heat energy is transferred from hot places to cooler places by convection.

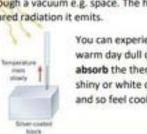
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	Conduction	Convection	Radiation
Particles	¥	Y	N
Solida	Y	N	¥.
Liquide	N	T.	Y
Gaura	N	Y	Α.
Particles evoye far part	N	Y.	n/e
Particles vibrate on the spot	¥	10	n/e
Particles rise and fall to transfer energy	Ri.	¥.	n/a
Particles hit each other to transfer energy	Υ.	N	n/a

Energy saving in the home:





## Energy in reactions Knowledge organiser

#### **Chemical reactions**

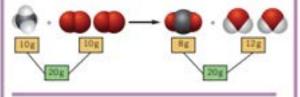
· Word equations can represent a chemical reaction:



- The reactants are on the left side of the arrow and the products are on the right side of the arrow
- We use an arrow instead of an equals sign as it represents that the reactants are changing into a new substance
- In a reaction, the amount of each type of atom stays the same, however they are rearranged to form a new product

### **Conservation of mass**

- In a reaction the mass will be conserved, this means that the total mass of the reactants will be equal to the total mass of the products
- If it appears that some of the mass has been lost, this means that a gas has been produced and escaped, accounting for the lost mass



Balanced symbol equations show the amounts of all of the individual atoms in a reaction

- The symbols used are from the Periodic Table
- They also show:

Key terms

- · Formulae of reactants and products
- · How the atoms are rearranged
- · Relative amounts of reactants and products

 $2H_1 + O_1 \rightarrow 2H_1O$ 

#### Combustion

- Combustion is the burning of a fuel in oxygen
- · A fuel is a substance which stores energy in a chemical store
- Examples of fuels include petrol, diesel, coal and hydrogen
- When a carbon based fuel undergoes combustion, it will produce water and carbon dioxide

methane + oxygen → carbon dioxide + water

 Hydrogen can also be used as a fuel, this is much better than traditional fossil fuels as it does not produce carbon dioxide:

**Energy level diagrams** 

Energy level diagrams show the values of energy between the reactants and

If the energy is greater in the reactants than the products then the reaction is

If the energy is lower in the reactants than the products then the reaction is

exothermic as energy has been given out to the surroundings.

energy transfer

products

progress of reaction

Exothermic

endothermic as energy has been taken in from the surroundings

hydrogen + oxygen → water



- broken down (decomposition) using heat (thermal energy)
- An example of this is with metal carbonates: zinc carbonate → zinc oxide + carbon dioxide
- We can test for this carbon dioxide by bubbling the gas through limewater, if the limewater turns cloudy, the gas is carbon dioxide

turnen burner

### **Exothermic and endothermic reactions**

- Exothermic reactions involve a transfer of energy from the reactants to the surroundings
- As energy is transferred to the surroundings this will show an increase in temperature
- Examples of exothermic reactions include combustion, freezing, and condensing

the products in a reaction

Pedal Lanths



exploration

products

reactants

progress of the reaction

Endothermic

energy transfer.

Endothermic reactions involve a transfer of energy from the surroundings to the reactants

- As energy is taken into the reactants a decrease in temperature will be shown
- Examples of endothermic reactions include thermal decomposition, melting, and boiling

#### **Bond energies**

- Energy must be used to break chemical bonds, meaning that this reaction is endothermic
- Energy is given out when chemical bonds are made, meaning that this reaction is exothermic
- To see if a reaction is endothermic or exothermic, you must find the difference in the energy needed to break and to make the bonds in the reaction
- If the energy needed to break the bonds is less than the energy given out when making the bonds, the reaction is exothermic
- If the energy needed to break the bonds is more than the energy released when making the bonds, the reaction is endothermic

Make sure you can write definitions for these key terms. balanced symbol equation chemical bond chemical reaction combustion conser

energy level diagram

exothermic products reactants

conservation of mass decomposition ts thermal decomposition

fuel endothermic

endothermic

taken in



# Geography

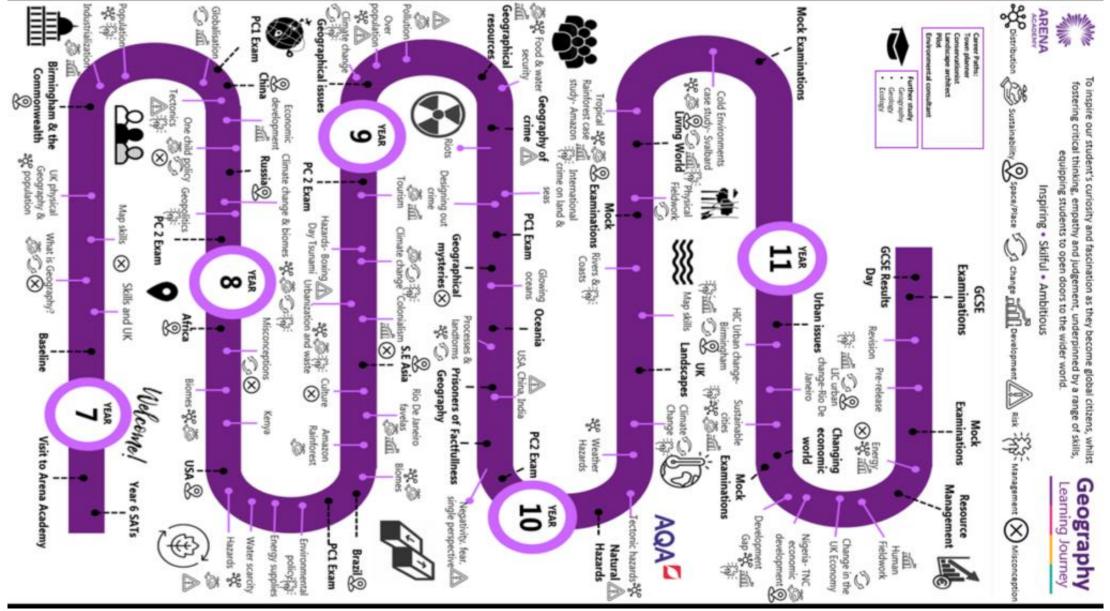
Topics covered from the beginning of the academy year to the end of this half-term.

## Summer:

1. South-East Asia

2. Brazil





## Year 8

## Units covered: SE Asia

Key concepts:	
Key concepts: Sustainability	Level of wealth
Physical Population	Climate
Population	Risk

#### Key definitions:

- Climate change-Long-term changes in temperature and precipitation
- Sustainability An integrated approach to an action that considers environmental and economic implications of the present and the future.
- Physical feature- A naturally occurring feature
- Tectonics- The study about how the Earth's surface, made of big puzzle pieces called tectonic plates, moves and interacts, causing things like mountains, earthquakes, and volcanoes
- Level of wealth- How strong a country's economy is; HIC, NEE, LIC
- Tsunami- An abnormally large ocean wave caused by an underwater disturbance
- Tourism-Visiting places of interest for short periods of time

## d: SE Asia

Can I explain how a tsunami is formed?

Can I describe the location of countries in SE Asia? Can I explain what colonisation is and where it has occurred?

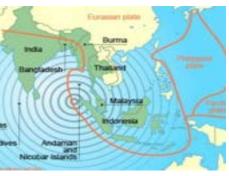
Half-term targets:

- Can I explain the impacts and responses to a tsunami using a case study?
- Can I explain the push and pull factors to life in SE Asia?
- Can I explain the advantages and disadvantages to tourism in SE Asia?

Can I explain the advantages and disadvantages of colonialism for both parties involved?

PULL FACTORS	PUSH FACOTRS
Better education	Poor sanitation
Jobs	No access to wifi
Better housing	No water
Better transport	No healthcare







TRANS-NATIONAL CORPORATIONS IN INIDA: COKE: Coca-cola has employed 25,000 people directly and over a million people indirectly across India. This has led to an increase in people paying tax which benefits the country as this can be reinvested. It has also led to the multiplier effect – more people have more money to spend ebewhere investing it into other businesses. However, coke is using up all of the groundwater supples leading to farmers having to dig 250ft down rather than 50ft. Many workers are overworked and underpaid and work in poor conditions.



#### TRANS-NATIONAL CORPORATIONS IN INIDA:

**TOPIC: INDIA** 

A trans-national corporation (TNC) is a company that operates in many different counties. Many have set up factories and offices in India as many people in India speak English, have strong IT skills and will work for lower wages. Companies like Toyota, Volvo and Hyundai make cars in India and companies like Vodafone have call centres in India.

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ADVANTAGES OF TNCS	DISADVANTAGES
Create jobs and offer education and training to employees	Taken advantage of environmental laws - lots of pollution
Led to the multiplier effect – a positive change has a knock- on effect on another business	Conditions in factories can be harsh
Some schemes provide new facilities for local communities	Profit can be sent abroad
Improved infrastructure	Jobs are often given to workers who are from the TNCs country
TNCs and workers pay tax to the government	May use up a lot of natural resources

#### How did the British Raj change the lives of people in Britain?

The East India Company's control of India significantly impacted the British economy. Britain was able to export vast quantities of goods such as tea and pepper and sell them for a great profit. This profit helped to fund the Industrial Revolution in Britain. For example, it was used to build textile factories, which employed many people.

Imports such as silk and cotton were brought from India and turned into expensive clothes and fabrics before being sold at a higher price back in India. The profits made by the East India Company were invested in Britain. Factory owners in particular earned a lot of money from trade with India.

Although factories in Britain provided work, the conditions were often dangerous due to a lack of concern over health and safety. Textile factories particularly employed women and children, who had to work long hours and faced harsh punishments if they worked too slowly.

#### Example exam questions:

- 1. Define the term tsunami
- 2. Explain the causes and impacts of tsunamis
- 3. Describe and explain the impacts of over tourism
- 4. Tourism only has negative impacts. Do you agree?
- 5. Suggest why India was selected for colonisation
- 6. State 2 social impacts of colonisation in India
- 7. How has SE Asia experienced globalisation?
- 8. Provide a geographical description of a country in SE Asia.



## Year 8

## Units covered: Brazil

Key concepts:	
Sustainability	Economy
Fairtrade	Inequality
Population	Biodiversity

#### **Key definitions:**

- Sustainability An integrated approach to an action that considers environmental and economic implications of the present and the future.
- Physical feature- A naturally occurring feature ٠
- Economy- how a country or place is doing in making goods, and how ٠ much money it has.
- Favela-An illegal settlement located nearby a city or road network
- ٠ Human right- Fundamental rights and freedoms of people e.g., freedom of speech
- Adaptation- Changing something about yourself to better suit the environment
- Biome- A community of living and non-living things

#### **Example exam questions:**

- Define the term favela 1.
- 2. Suggest pros and cons to life in favelas
- 3. Describe and explain animal and plant adaptations within Brazil
- 4. Define the term human right and provide 2 examples
- 5. Identify 2 ways in which Brazil is a tourist destination
- 6. Describe the location of Brazil



#### Half-term targets:

- Can I describe the location of Brazil?
- Can I identify a favela from a picture?
- Can I explain the advantages and disadvantages of life in favelas?
- Can I define fairtrade and provide examples of fairtrade products?
- Can I suggest why different stakeholders have different opinions about fairtrade?
- Can I describe and explain animal and plant adaptations in Brazil?
- Can I explain why human rights are important?
- Can I provide examples of human rights and identify where they have been breached?





- Good community spirit
- Streets are too narrow for waste collection 2
- 3 Disease spreads quickly
- 4. There is job opportunities
- 5. Loved ones
- 6. Vibrant and busy
- 7. Fires break out
- 8. There is lots of crime
- 9. High levels of pollution
- 10. Services are in walking distance
- 11. Have great views of Brazil
- 12. They can build whatever they want







#### **TOP 7 TROPICAL RAINFOREST ANIMAL ADAPTATIONS**



	Definition	
Key term	Keeping one group of people apart from another and treating them differently, especially because of race, sex, or religion:	
Human right	The condition or state of being key	
Segregation	safe from injury, damage, or loss.	
Discrimination	Rights inherent to all human beings,	
Protection	<ul> <li>regardless of race, sex, nationality, ethnicity, language, religion, or any other status.</li> </ul>	
	The act of making unjustified, prejudiced distinctions between people based on the groups, classes, or other categories to which they belong or are perceived to belong	





## Topics covered from the beginning of the academy year to the end of this half-term.

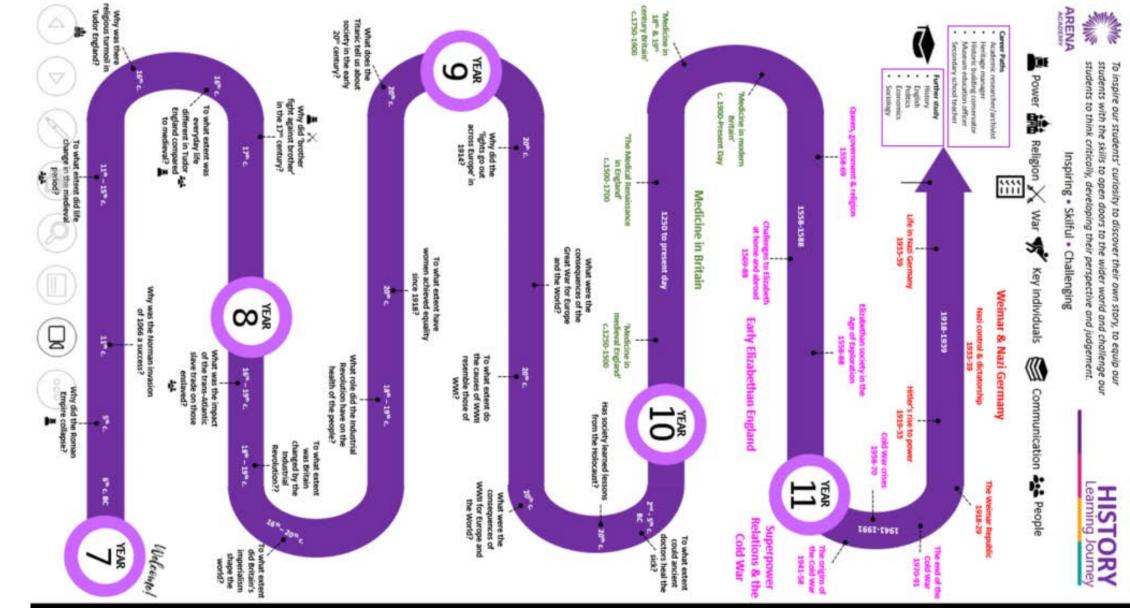
## Summer:

Britain at the start of the 20th century:

- Liberal Reforms
- Women's Suffrage
- Titanic

Builds on	Understanding of change and continuity established in The Norman Conquest and Control (Y7) and The Age of Revolution (Y8).	Leads to	Understanding of post-Victorian British society underpins The First World War and The Second World War and Holocaust. (Y8)
Success Criteria	<ul> <li>Identify the characteristic features of societies, achievements, and the follies of mankind.</li> <li>Describe how the lives of the population during the early Twentieth Century.</li> <li>Describe historical concepts in reference to British society such as continuity and change.</li> <li>Explain the causes and consequences of events such as the Women's Suffrage movement.</li> <li>Explain the significance of the impact of events such WVI on women's rights</li> <li>Combine knowledge of societies to make connections, draw contrasts and analyse trends.</li> <li>Analyse and provide some evaluation of a range of sources to investigate changes it British society.</li> </ul>		
Key Concepts	Power, poverty, democracy, vote, key individuals, communication, people.		
Literacy and Numeracy	<ul> <li>Gain and deploy a historically grounded understanding of abstract terms such as 'empire', 'civilisation', 'parliament' and 'industry'.</li> <li>Opportunities for guided reading.</li> <li>Literacy promoted through the analysis of written sources and interpretations.</li> </ul>		
Careers	<ul> <li>Industry and employment (including concepts such as social mobility, wages, and employee welfare) linked into lessons on the Twentieth Century.</li> </ul>		





Why the Liberals introduced social welfare reforms - Higher History - Video - BBC Bitesize

## Who did the reforms help? Children, old, sick, workers

## <u>National Insurance</u> <u>Act, 1911</u>

All <u>workers</u> had to join and paid 4d (4p) for insurance stamps which they stuck on a special card.

<u>Employers</u> gave 3d and the <u>Government</u> gave 2d for each worker in the scheme.

If a worker in the scheme fell ill, they got sick pay of 10s per week for 13 weeks, then 5s per week for a further 13 weeks in the year.

Workers in the scheme could have <u>free medical care.</u>

## Labour Exchanges Act, 1909

These <u>Job centres</u> meant that the unemployed could go there to look for a job.

By 1913 there were 430 job centres (exchanges) in Britain.

## Free School meals, 1906

Local councils were given powers to give <u>free meals to children from</u> <u>poor families.</u> By 1914, over 150,000 children were having a daily free meal, every day. In 1914, the Government made school meals compulsory.

> <u>Liberal Reforms</u> Tackling poverty & unemployment

## Pensions Act, 1908

<u>Weekly pensions were provided by</u> <u>the Government</u> for the elderly and became very popular.

5s (20p) per week to single people over 70, 7s (35p) to married couples.

## <u>School medical</u> inspections, 1907

Doctors and nurses went into schools to provide <u>free medical</u> <u>checks for children</u> They could recommend any treatment that was necessary After 1912, health care for these children was free.

## <u>Children's Act,</u> >> <u>1908</u>

<u>Children</u> were now <u>protected</u>, by law, against cruelty from their parents. Instead of adult prisons, criminal children were to be sent to <u>borstals</u>, specially built to cope with young offenders. Children under 14 not to be allowed into <u>pubs</u>. <u>Cigarettes or alcohol</u> not to be sold to children under 16.

### Key Individual in Public Health: David Lloyd George

#### Key dates 1863-1945

Who? Inspirational Liberal politician, and PM from 1916 - 1922

#### Why significant?

 Became a Liberal MP in 1890.
 Chancellor of the Exchequer (MONEY) in the Liberal governmer (1906-1914) which introduced the Liberal reforms of 1906 - 1912.

-Regarded as the founder of the British welfare state -Insisted on raising taxes on the well-off to pay for old age pensions and the National Insurance Act of 1911. -Became Prime Minister in 1916, during WWI -Major player at the Paris Peace Conference of 1919

### Factors in their succes

CONNECTIONS: friend of Seerbohm Rowntree. COMMUNICATION: A brilliant and persuasive speaker. GOVERNMENT: key member of government at a crucial time

#### Key Individual in Public Health: Seebohm Rowntree

Key dates: 1871 - 1954

Who? York businessman, social researcher and social reformer

Investigated poverty and living conditions in York

1901 publication provided detailed evidence that more than a quarter of the people in Yark were living in poverty even though they were in work, and their poverty was having a serious impact on their health.

As a result, he increased his own workers' wages and continued his research. His 1941 report showed a 50 per cent reduction in poverty since 1903, and that poverty in the 1930s was mostly the result of unemployment rather than low wages (going against the traditionally held view that the poor were responsible for their own plight).

#### Factors in their success

PUBLICATIONS: eg 'Poverty: a Study of Town Life' (1901) and 'Progress and Poverty' (1941)

GOVERNMENT/CONNECTIONS: Became a close friend of David Lloyd George se could influence the liberal reforms.

**RELIGION:** Rowntree's Quaker views impacted on his approach and commitment

### Key Individual in Public Health: Charles Booth

Key dates: 1840-1916

Who? Liverpool businessman and philanthropist

### thy significant?

 In 1886 he financed research into poverty in the East End of London and spent weeks living in the area.
 Made a detailed descention of living conditions and powerty.

 Made a detailed description of living conditions and poverty, with coloured maps identifying the extent of poverty in each street of East London.

Discovered that 35 per cent of people were living in poverty
 far more than the 25 per cent previously claimed

Factors in their success:

COMMUNICATIONS: Wrote 'Life and Labour of the People in London'.

CHANCE: Was a friend of Octavia Hill and others trying to improve living conditions for the poor.



## $\leftarrow \leftarrow \leftarrow$ The Victorians

World War 1  $\rightarrow \rightarrow \rightarrow$ 

## **Key Vocabulary**

Passenger liner: A ship that carries

**Passengers course :** The route or direction taken by something or someone destination The place to which someone is going to or being sent.

**Iceberg:** A large floating lump of ice detached from a glacier.

Unsinkable: Unable to be sunk

Atlantic Ocean: The ocean between North American and Europe

Captain: The person in command of a ship

**Tragedy:** An event causing great suffering, destruction and distress

**Crew:** A group of people who work together to operate a ship or aircraft

**Class:** A system of ordering society based on wealth **Voyage:** journey collide two moving objects hitting each other

## **Background Information**

- Titanic was built by the White Star Line and was the world's largest passenger liner
- Construction of the Titanic started on 31st March 1909. It took over 3 years to build.
- Titanic measured 882 feet (269 metres) long and weighed 52,310 tons.
- In 1911 Titanic was declared practically unsinkable and a marvel of British engineering.
- It cost £3.25 million pounds to build Titanic.
- There were 9 decks on the Titanic and it took crew members up to 14 days to learn their way around.
- The maiden voyage began on 10th April 1912
- The ship was named R.M.S Titanic this stood for Royal Mail Ship
- A first class ticket cost £875 a third class ticket cost £5.
- It was a legal requirement of British law that third class passengers could not mix with first and second class passengers on Titanic.

## **Titanic Facts**

- The Titanic was built between 1909 and 1911.
- It le Southampton on April 10, 1912 and headed towards New York It was a luxury passenger liner that carried some of the world's richest people as well as others looking for a new life in North America
- The Titanic collided with an iceberg and sank on April 15, 1912.
- Over 1500 people died because of the sinking.
- While the Titanic carried over 2200 people, there were only enough life boats for around 1200 of them.



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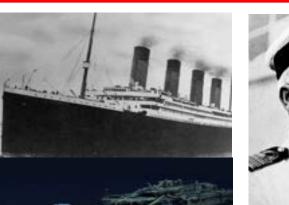
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### Dates / timeline

14th April:

11. 11.40pm – Titanic hits iceberg

15th April:

12. 12.30am – Lifeboats are lowered

13. 2.10am – Ship's lights go out

14. 2.17am – Titanic breaks in two

15. 2.19am – Bow begins to sink

16. 2.24am – Titanic reaches the bottom of the ocean

## Who was to blame?

- Captain E.J Smith the captain of the ship on its maiden voyage.
- Harland and Wolff Titanic was built at their shipyard in Belfast
- Thomas Andrews' was the naval architect who designed the Titanic.
- Stanley Lord was the captain of a ship called the Californian.
- Bruce Ismay the man in charge of the White Star Line – the owners of Titanic.

## **WOMEN'S SUFFRAGE KNOWLEDGE ORGANISER**

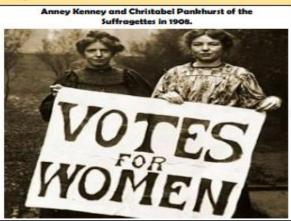
#### Summary

Women's Suffrage is about the right of women to vote at elections.

At the start of the 19th century, women in Britain did not have the right to vote. They also had few legal protections or rights to education or work.

By the end of the 1800s, there was increasing support for the right of women to vote. There were two main groups who campaigned for women's rights, the Suffragists (NUWSS) and the Suffragettes (WSPU).

In 1918, just before World War One ended, the government passed a law giving some women the right to vote for the first time. Further acts in 1928 and 1969 extended this to more women.



Major	Events
Women's Suffrage Petition - 1866 In 1866, Barbara Bodichon and other women's rights activists presented the first women's suffrage petition to Parliament. Signed by over 1,500 women, the petition demanded that women be granted the right to vote on the same terms as men. While this initial petition was unsuccessful, it laid the groundwork for future suffrage efforts.	Formation of Suffragists (NUWSS) - 1897 The NUWSS, led by Millicent Fawcett, advocated for women's suffrage through peaceful and constitutional means. Unlike the more militant WSPU, the NUWSS focused on lobbying, public speaking, and organizing petitions to achieve suffrage. The NUWSS played a crucial role in gaining support for women's suffrage and paved the way for future legislative victories.
Formation of the Suffragettes - 1903 Founded by Emmeline Pankhurst and her daughters Christabel and Sylvia, the WSPU was a militant suffragette organization that played a significant role in the women's suffrage movement. The WSPU employed tactics such as demonstrations, hunger strikes, and window-smashing to draw attention to the cause and put pressure on the government.	Cat and Mouse Act - 1913 The Act was designed to deal with suffragettes who engaged in hunger strikes while imprisoned. Under this Act, hunger-striking prisoners could be released from prison if their health deteriorated to a dangerous level due to starvation. Once their health improved, they could be rearrested and returned to prison to complete their sentence.
Representation of the P	eople Acts - 1918 and 1928
right to vote in the UK. It extended voting rights to qualifications, as well - The Representation of the People Act 1928, also known to women and men over the age of 2	hark piece of legislation that partially granted women the women over the age of 30 who met certain property I as to all men over 21. In as the Equal Franchise Act, granted equal voting rights 1, regardless of property qualifications. Universal adult suffrage in the UK.







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Over time they won some publicity, and their membership grew, but by 1903 some women were increasingly frustrated at the lack of progress they were making and formed the Suffragettes. Fawcett distanced herself from these more militant and direct approaches.
<ul> <li>-Emmeline Pankhurst had been a former member of the Suffragists but became frustrated with their approach. She then formed the Suffragettes in 1903.</li> <li>-It was a more inclusive group, which welcomed women from a range of different backgrounds and groups.</li> <li>-Her daughters, Christabel and Sylvia, were also active and important to the cause.</li> <li>-From 1905, when the Suffragettes campaign became more extreme (sometimes violent), Pankhurst often found herself in trouble with the police. At the outset of WWI, she encouraged women to join the war effort and was integral to women eventually being given the right to vote.</li> </ul>
-Emily Davison was a prominent English Suffragette. -She was a militant fighter for her cause - she was arrested on nine occasions, went on hunger strike seven times and was force-fed on forty-nine occasions. -In 1913, she went to the Derby at Epsom, one of the most

**Key People** 

-Dame Millicent Garratt Fawcett was the leader of the

Suffragists from 1897 until 1919.

- This organization advocated for women's suffrage through peaceful and non-violent means, such as lobbying

public speaking, and organizing petitions.

ike seven times and occasions. **Emmeline Pankhurst** som, one of the most went to the Derby at Ep famous horse races in the world. Carrying a Suffragettes sash, she walked onto the racetrack in front of King Millicent Fowcett George's horse, Amner, She was hit by the horse, which would have been travelling around 35mph. She suffered serious injuries and later died in hospital. It is thought she **Emily Davison** intended to attach the sash to the horse to raise awareness of the campaign for women's suffrage.

#### **Top Facts**

<ol> <li>When the Suffragettes began adopting more aggressive acts, their motto became 'Deeds Not Words.'</li> </ol>	5. The 1918 Representation of People Act wasn't thought to go far enough. Women still had to be over
	the age of 30 and own property to be allowed to vote
<ol><li>Before the Cat and Mouse Act, Suffragettes were</li></ol>	
often force-fed when they went on hunger strike.	<ol><li>Suffrage' means the right to vote in elections.</li></ol>
3. Emily Davison's death raised awareness of the cause.	7. There remains divided opinion over the extreme
	strategies adopted by the Suffragettes.
<ol><li>World War 1 drastically changed women's role in</li></ol>	
society. Women were cast into roles previously occupied	8. The fight for women's rights is not over. Men are still
by men. It is thought that this contributed to changing	paid more on average for doing the same jobs, and in
attitudes across the country.	many countries women do not have basic rights.

#### Women's Suffrage Timeline

1866: First women's suffrage petition is presented to parliament by Barbara Bodichon.

1867: Formation of London Society for Women's Suffrage.

1903: Formation of 1897: Establishment of Suffragists (NUWSS). Suffragettes under **Emmeline Pankhurst** 

1907: First 'Mud March' by Suffragettes in London.

Sunday demonstration.

1908: Women's 1913: Emily Davison steps out 1918: Representation of People in front of the King's horse at Act is passed, granting voting the Epsom Derby. rights to some women over 30.

1928: Representation of People act passed, granting equal voting rights to women and men.



**Key Vocabulary** 

Suffrage

Suffragette

Suffragist

NUWSS

WSPU

Hunger Strike

Cat & Mouse Act

Petition

Act



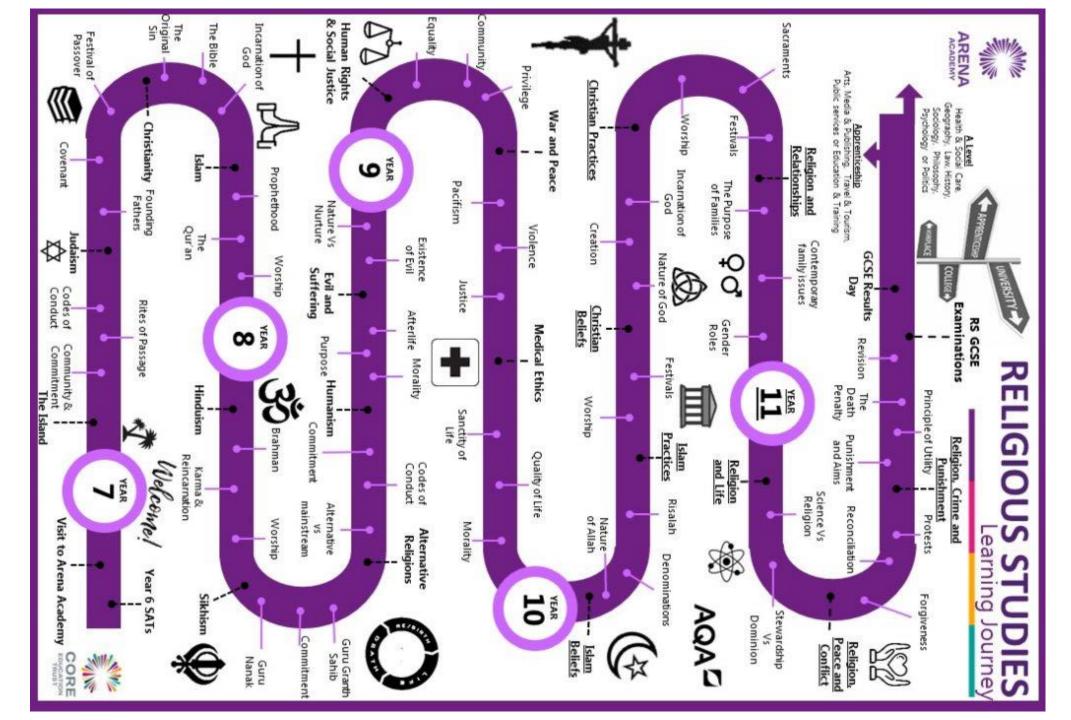
# **Religious Education**

Topics covered from the beginning of the academy year to the end of this half-term.

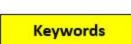
Summer:

1. Evil and Suffering





## **Problem of Evil**





	3)How does Islam explain Suffering?	Omniscient All-knowing		
1) Different approaches to POE		Omnipotent	All-powerful	
Most people experience suffering at some	For Muslims everything that happens is the will/plan of God. This includes suffering and evil. They are part of Allah's great plan. Allah is testing people with suffering, to see if they will still believe in Him or if they will follow evil (devil) Sometimes you have to suffer in order for some good to take place. Muslims are expected to be patient and trust in Allah	Benevolent	All-Loving	
time in their life. Religions attempt to explain suffering, help people to cope with it and learn from it. For some religious		Theodicy	an attempt to explain how God can be omnipotent, omniscient, love us and yet still allow us to suffer	
people, the fact that people suffer can raise difficult questions about why God		Natural Evil	This kind of suffering is that which is caused by the world we live in	
allows this to happen. Evil and suffering can also make people question their religious beliefs and		Moral Evil	This kind of suffering is that which is brought out about by the cruel actions of people	
sometimes reject the existence of God completely.		Genocide	The deliberate and systematic destruction of a religious, racial, national, or cultural group.	
1224		Anti Semitism	Hostility to or prejudice against Jews.	
and the second		Persecution	hostility and ill-treatment, especially because of race or political or religious beliefs; oppression	

#### 2) Christian Response to Problem of evil.

Christians believe Evil is the fault of humans misusing their free will. It is not God's fault and that We cannot possibly understand the mind of God and so cannot explain why he chooses to let evil exist



Most Jews believe that everything God does is for good. From a human perspective, some actions might seem evil, but they trust that whatever happens on Earth is ultimately according to God's plan, which is good. Jews believe suffering can bring people closer to God. In times of trouble many people turn to religion for comfort and support. Some Jews believe suffering helps people to empathise with others and to assist them when necessary.



Questions raised by the existence of evil and suffering in the world



•What does the presence of evil and suffering say about God's love, power and purpose?

- Is there a purpose to suffering?
- •Is suffering the price humans pay for ?
- How do different religions respond to evil and suffering?
- How do individuals respond to evil and suffering?



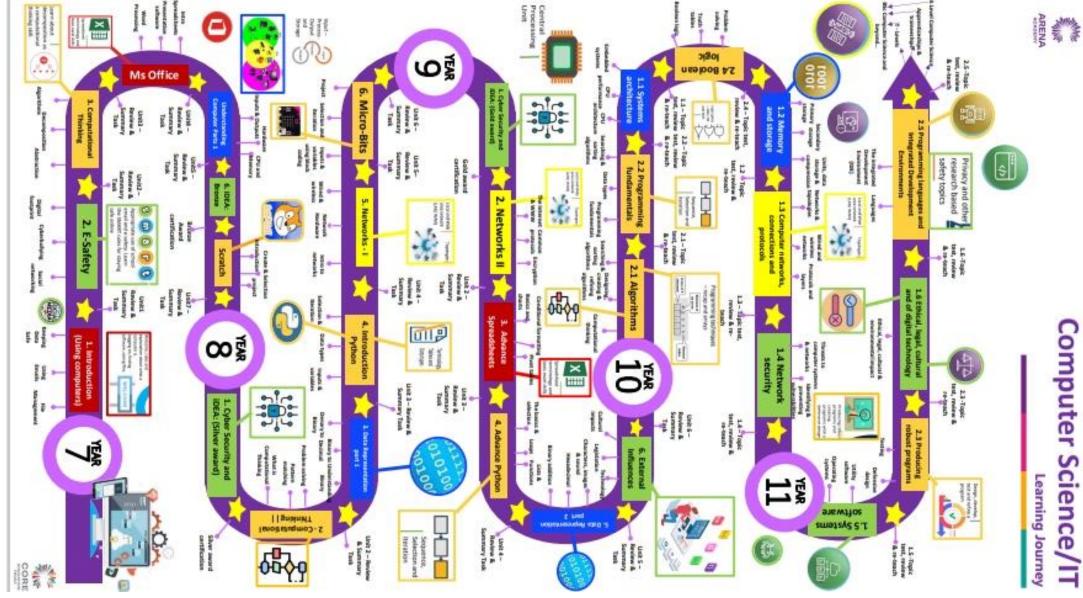
# **Computer Science**

Topics covered from the beginning of the academy year to the end of this half-term.

# Summer:

- 1. Networks
- 2. Microbits







# Morld Wide Web A collection of web pages

- Stored on
  computers all
- over the world
   Accessed via
- the Internet
- No central
  storage
  - No owner

Uniform resource locator (URL) – this is a web address that are unique.

#### www.abc.co.uk/images/logo.jpg

- Hosted on the WWW
- Name of the organisation
- A Company
- UK based
- Folder location and filename on the site

#### Domain names

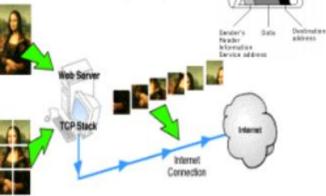


Websites are stored on web servers connected to the internet. Each website has an IP address so people

can access the pages using their browser software/ However, when you want to access a site you don't enter the IP address, you type in a domain name.

## HTTP: Hyper Text transfer protocol

- A protocol is a set of rules
- HTTP defines the rules used by web browsers and servers to exchange information
- If everyone follows the same set of rules, everything

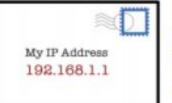


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### Data Packets

- Data transmitted over the Internet is broken down into smaller chunks or packets to be sent
- The destination and sender's addresses are added
- Each packet is numbered, sent separately, then put in the right order again at the other end

### IP Addressing



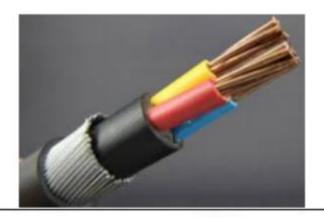
IP address is like the way the postal service works. Every house has a unique address with house

number, street name, town and postcode.

Every computer has a separate unique address and data can be sent to these addresses to request or display a web page for example

## History of connectivity

The first copper cable, 2.500 miles long, was laid across the Atlantic in 1858. Each mile of cable, 133 miles of wire was needed.



Python -> English	
print('hello!')	Prints a value on screen (in this case, hello!)
input('')	Inputs a value into the computer.
x=input(`')	Inputs a value and stores it into the variable x.
<pre>x=int(input(`'))</pre>	Inputs a value into x, whilst also making it into an integer.
print(str(x))	Prints the variable x, but converts it into a string first.
if name == "Fred":	Decides whether the variable 'name' ha a value which is equal to 'Fred'.
else:	The other option if the conditions for an if statement are not met (eg. name = 'Bob' when it should be Fred)
elif name == "Tim"	elif (short for else if) is for when the first if condition is not met, but you want to specify another option.
•	# is used to make comments in code – any line which starts with a # will be ignored when the program runs.

Comparative Operators		
== Equal to		
!=	Not equal to	
>	Greater than	
<	Less than	
>=	Greater than or equal to	
<=	<ul> <li>Less than or equal to</li> </ul>	

Python	A high level programming language.	
Programming	g The process of writing computer programs.	
Code	The instructions that a program uses.	
Sequence	Parts of the code that run in order and the pathway of the program reads and runs very line in order.	
Selection	Selects a pathways through the code based on whether a condition is true	
Iteration	on Code is repeated (looped), either <b>while</b> something is true for a number of times	
Algorithm	A set of rules/instructions to be followed by a computer system	
Variable	A value that will change whilst the program is executed. (eg. temperature, speed)	
Comparative Operator	When comparing data, an operator is used to solve the equality such as <>, != or ==	
Syntax	The punctuation/way that code has to be written so that the computer can understand it. Each programming language has its own syntax.	
Data Type	This indicates how the data will be stored. The most common data types are integer, string, and float/real.	
String	A collection of letters, numbers or characters. (eg, Hello, WR10 1XA)	
Integer	A whole number. (eg. 1, 189)	
Float/Real	A decimal number, not a whole number. (eg. 3.14, -26.9)	
Boolean	1 of 2 values. (eg. True, False, Yes, No)	



# Spanish

Topics covered from the beginning of the academy year to the end of this half-term.

# Summer:

1. My family and friends

2. My home and free time

## Viva 1 Module 4 - Mi familia y mis amigos

#### ¿Cuántas personas hay en tu familia?

How many people are there in your family?

En mi familia hay.... personas. mis padres mi madre mi padre mi abuelo mi abuela mi bisabuela mi tio mi tía mis primos ¿Cómo se llama tu madre?

Mi madre se llama...

su hermano

sus hermanos

¿Cômo se llaman tus primos?

Mis primos se llaman... y...

In my family, there are people. my parents my mother my father my grandfather my grandmother my great-grandmother my uncle my aunt my cousins

What is your mother called? My mother is called ... What are your cousins called? My cousins are called ... and ... his/her brother

#### ¿De qué color tienes los ojos?

What colour are your eyes?		
Tengo los ojos	I have eyes.	
azules	blue	
grises	grey	
marrones	brown	
verdes	green	
Llevo gafas.	I wear glasses.	

VII,

Families are getting smaller in Spain and latin Ameria, and people are waiting longer to have children. The estimated average number of children per family in four spanish speaking countries is: Spain 1.4 Mexico 2.4 Bolivia 3.5 Chile 1.9

#### Did you know?

It is a common stereotype that all Spanish people have

dark hair and eves, but many Spanish people have blond or red hair and blue grey eyes.

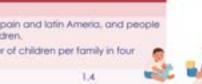
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## his/her brothers and sisters



#### Culture!



#### largo long corto short Soy pelinojo/a. I am a reahead. Soy calvo. I am bald.

I have... hair.

brown

¿Cómo tienes el pelo?

What's your hair like?

Tengo el pelo...

castaño

negro

rubio

azul

liso

rizado

#### Adjectives

In Spanish most adjectives come after the word they are describing. tengo el pelo rubio, corto y liso, I have short, straight, blond hair.

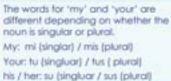


#### ¿Cómo es? What is he/she like? Es .... He/She is... No es muy.... He/She isn't very.... atto/a fall bolo/a short delgado/a slim fat gordo/a good-looking guapo/a Inteligente intelligent joven young viejo/a old He/She has freckles.



su mejor amigo/a his/her best friend

#### Grammar



#### **Practise online**

Use this QR code to find all of the vocab online where you can listen to pronunciation and practise using games and vocab ists.



7

# Spanish

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# Viva 1 Module 4 - Mi familia y mis amigos

Vivo en	l live in
una casa	a house
un piso	a flat
antiguo/a	old 🐽
bonito/a	nice
cómodo/a	comfortable
grande	big
moderno/a	modern
pequeño/a	small

#### Rememberl

Adjectives must agree with the noun they describe.

Manuel et Cruel es alta. Daniela es guapa.

¿Dónde est	iá? 🦯
Where is it?	(3)
Vivo en	It is in
el campo	the countrysid
la costa	the coast
una cludad	a town
el desierto	the desert
la montaña	the mountains
un pueblo	a village
el norte	the north
el sur	the south
el este	the east
el oeste	the west
el centro	the centre

- <b>-</b>	umbers : inte	20	
tre	inta	30	
cu	arenta	40	
cir	ncuenta	50	(
	senta	60	
se	lenta	70	1
oc	henta	80	1
no	venta	90	
cie	en	100	

#### Culturel

In most major Spanish cities, you will see many more flats than houses.

Houses in the north of Spain can look very different from the houses in the south.

The north is green, lush and rains alot.

The south is sunny and can be very hot, so houses are often painted white to reflect the heat.

#### Grammar

When you are talking about location ( Where something is), you use the verb estar for 'to be'. This verb is irregular. Estoy - I am estás = you are

está .he, she, it is estamos - we are estáis- vou (plural) are están - They are

	Palabras muy frecuentes High-frequency words		
	además	also, in addition	
	bastante	quite	
	porque	because	
	muy	very	
	¿Quien?	Who?	
	un poco	a bit	
	mi/mis	my	
	tu/tus	your	
	su/sus	his/her	

#### Did you know?

Spain is twice as big as the UK, but only about three- quarters of the population?

#### Culture focus!

# Spanish

#### **Carnival of Cadiz**

The Carnival of Cádiz is one of the best-known carnivals in Spain. Its main characteristic is humor. Through sarcasm, mockery and irony, the main groups and the people of the street "purge" the most pressing problems of today.

The whole city participates in the carnival for more than two weeks each year, and the presence of this fiesta is almost constant in the city because of the recitals and contests held throughout the year.



Diego Velazquez (1599-1660) was a Spanish painter. He was made the official royal painter by King Felipe IV.

In 1656 he painted 'La familia de Felipe IV', more commonly known as 'Las Meninas' "The Maids of Honour"). The small girl in the painting is the Infanta Margarita ( the Princess Margarita).

Many other artists have been inspired by 'Las Meninas'. One of them was the famous Spanish painter Pablo Picasso (1881-1973).

Picasso liked to experiment with shape and colour, In 1957 he painted 58 versions of 'Las Meninas'l



#### Practise online

Use this QR code to find all of the vocab online where you can listen to pronunciation and practise using games and vocab lists.



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# Viva 1 Module 2 - Mi tiempo libre

#### ¿Qué te gusta hacer?

What do you like to do?

Me gusta... Me gusta mucho... No me gusta... No me gusta nada... chatear escribir correos escuchar música jugar a los videojuegos leer mandar SMS navegar por internet salir con mis amigos ver la television porque es... porque no es... interesante guay divertido/a estúpido/a

like... I really like ... I don't like ... I don't like at all... to chat online to write emails to listen to music to play videogames to read to send text messages to surf the net to go out with friends to watch TV because it is .... because it is not... interesting cool amusing, funny stupid boring

¿Qué haces en tu tiempo libre?

What do you do in your spare time?

bailo canto karaoke hablo con mis amigos monto en bici saco fotos toco la guitarra

aburrido/a

I dance I sing karaoke I talk with my friends I ride my bike I take photos I play the guitar

Expresiones de l	frecuencia
Expressions of fre	equency
a veces	sometimes
de vez en cuando	from time to time
nunca	never
todos los días	every day

#### ¿Qué tiempo hace? What's the weather like? hace calor it's hot hace frio it's cold hace sol it's sunny it's nice weather hace buen tiempo llueve it's raining nieva it's snowing ¿Qué haces cuando llueve? What do you do when it's raining?

#### Present tense -ar verbs

You use the present tense to talk about what usually happens: I surf the net, I send texts.

To form the present tense of -ar verbs, you take off the -ar and add a different ending for each person.

hablar to speak

hable 1 speak hablas you speak habla he/she speaks hablamos we speak hablais you speak (pi) hablan they speak

#### Stem-changing verbs

Stem-changing verbs like jugar (to play) have regular endings. but some parts of the verb change the vowel in the 'stem'.

juego | play juegas you play juega he/she plays lugamos we play jugais you play (pl)

they play

vegan

# autumn el invierno winter

spring

summer

Las estaciones

The seasons

la primavera

el verano

el otoño





#### **Football in Spain**

The Spain national football team (Spanish: Selección de fútbol de España) is the national football team of Spain. The current head coach is Luis Enrique. The team is often called La Roja (The Red One), La Furia Roja (The Red Fury), La Furia Española (The Spanish Fury) or just La Furia (The Fury). The Spanish team became a member of FIFA in 1904, even though the team was made in 1909. Spain had their first match on the 8th of August 1920 against Denmark. Since the team's creation in 1909, they have been in 13 FIFA World Cups, and 9 UEFA European Football Championships.





Love football? Find out why Gary loves Spain

#### **Practise online**

Use this QR code to find all of the vocab online where you can listen to pronunciation and practise using games and vocab lists.





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3

# Spanish

# **AVOCADOS** Foundation

## Adjectives

the second s	
bueno	good
malo	bad
aburrido	boring
divertido	fun
estupendo	great
práctico	practical
cómodo	comfortable
incómodo	uncomfortable
barato	cheap
caro	expensive
simpático	nice
antipático	awful
bonito	pretty
feo	ugly

#### Adverbs normalmente generalmente usualmente especialmente completamente totalmente rápidamente lentamente finalmente inmediatamente frecuentamente

1	normally
1	generally
9	usually
	especially
÷.	completely
3	totally
1	quickly
1	slowly
Ĩ	finally
1	mmediately
1	frequently

## Verbs

muy

más

Ö

Voy	Igo
Hago	I do/make
Escucho	l listen
Como	leat
Bebo	I drink
Compro	Ibuy
Juego	l play
Veo	Isee
Hice	I did/made
Vi	I watched/saw
Fue + adjective	It was + adjective
Voy a (verb)	I am going to
Será	It will be
Me gustaría	I would like

#### Detail very more bastante quite less menos a bit un poco mucho/a/os/as many/a lot demasiado too



#### Opinions

me encanta /adoro	l love
me gusta	1 like
no me gusta	I don't like
me gusta bastante	I quite like
me gusta mucho	I really like
prefiero	I prefer
no me gusta nada	I don't like at all
detesto/odio	I hate
En mi opinión	In my opinion
creo que	I think that
pienso que	I think that
opino que	I think that

# Spanish

#### Connectives

у	and
sin embargo	however
pero	but
aunque	although
también	also
porque	because
0	or
quizás	perhaps

# though 0

#### **OMG!** phrases

lo bueno es que the good thing is that lo malo es que the bad thing is that the worst thing is that lo peor es que the best thing is that lo mejor es que Qué blen! Great ¡Qué mal! How awfull

primero
segundo
luego
antes
después
por la mañana
por la tarde
por la noche
ayer
hoy
mañana
ahora

	3	
		Y-1
	Sequencers	
		P
	primero	first
	segundo	second
	luego	then
	antes	before
	después	after
	por la mañana	in the morning
	por la tarde	in the afternoon
	por la noche	in the evening
	ayer	yesterday
	hoy	today
	mañana	tomorrow

tomorrow now la semana próxima next week la semana pasada last week

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# French

Topics covered from the beginning of the academy year to the end of this half-term.

# Summer:

1. Holidays

# Dynamo 2 Vert Module 1 - Vive les vacances!

#### Point de départ

Getting started		
une semaine de vacances.	a week of holiday.	en colonie de vacances.
deux semaines de vacances.	two weeks of holiday.	chez mes grands-parents.
en janvier / février (etc.)	in January / February (etc.)	C'est amusant.
C'est pour Noël.	It's for Christmas.	C'est ennuyeux.
C'est pour Pâques.	It's for Easter.	C'est intéressant.
C'est pour les grandes vacances.	It's for the summer holidays.	C'est sympa.
Tu es où en vacances?	Where are you on holiday?	C'est nul.
Je suis en vacances	I am on holiday	un peu
au bord de la mer.	at the seaside.	assez
à la montagne.	in the mountains.	très
à la campagne.	in the countryside.	complètement

I visited the castle.

I visited the museum.

I visited the stadium.

I visited the cathedral.

I visited the chocolate shop.

I visited the mosque.

first of all

next

then

I visited the lake.

I visited the park.

#### Qu'est-ce que tu as visité?

What did you visit? J'ai visité le château. J'ai visité le lac. J'ai visité le musée. J'ai visité le parc. J'ai visité le stade. J'ai visité la cathédrale. J'ai visité la mosquée. J'ai visité la chocolaterie. d'abord ensuite puls

#### Practise online

Use this QR code to find all of the vocab online where you can listen to pronunciation and practise using games and vocab lists.



après after(wards) finalement last of all C'était comment? How was it? C'était amusant. It was fun. C'était cool. It was cool. C'était génial. It was great. C'était ennuyeux. It was boring. C'était intéressant. It was interesting. C'était sympa. It was nice. C'était moderne. It was modern. C'était nul. It was rubbish.



# French

#### The verb 'être'

at a holiday camp.

It is fun. It is boring.

quite very completely

It is interesting. It is nice. It is rubbish. a bit

at my grandparents' home.

Iam
You (singular) are
He/she is
We are
You (plural/polite) are
They are

'he verb 'avoir'			
'ai	I have		
u as	You (singular		
l/elle a	He/she has		
lous avons	We have		
/ous avez	You (plural/p		
s/elles ont	They have		

Tu es allé(e) où en vacances? Where did you go on holiday? Je suis allé(e) en Espagne. Je suis allé(e) en Grèce. Je suis allé(e) au Maroc. Je suis allé(e) aux États-Unis. I went to the USA. Avec qui? Who with? Avec mon frère. Avec ma famille. Avec mes parents. Avec mes amis. Tu as voyagé comment? J'ai voyagé en avion. J'al voyagé en bateau. J'al voyagé en car. J'ai voyagé en train. J'ai voyagé en voiture.

oolite) have

) have

I went to Spain. I went to Greece. I went to Morocco. With my brother. With my family. With my parents. With my friends. How did you travel? I travelled by plane. I travelled by boat. I travelled by coach. I travelled by train. I travelled by car

# Dynamo 2 Vert Module 1 - Vive les vacances!

## Qu'est-ce que tu as fait pendant les vacances?

 What did you do during the holidays?

 Pendant les vacances ...
 During the holidays?

 J'al joué au tennis.
 I played tennis.

 J'ai mangé des glaces.
 I ate ice creams.

 J'ai mangé une pizza.
 I ate a pizza.

 J'ai écouté de la musique.
 I listened to musi

 J'ai acheté des baskets.
 I bouaht some trip

During the holidays ... J'ai acheli I played tennis. J'ai regard I played football, J'ai regard I ate ice creams. J'ai nagé o I ate a pizza. J'ai retrouv I listened to music. J'ai traîné I bought some trainers. J'ai dormi.

I bought a tee-shirt.

I drank a cola.

I saw a show.

I took photos.

I saw my favourite characters.

I didn't eat any ice creams.

I didn't buy any souvenirs.

I went on a boat ride.

I went on the rides.

#### Qu'est ce que tu as fait?

J'ai acheté un tee-shirt.

- What did you do? J'al visité un parc d'attractions. J'al bu un coca. J'al vu un spectacle. J'al vu mes personnages préférés. J'al fait une balade en bateau. J'ai fait les manèges. J'ai pris des photos. Je n'ai pas mangé de glaces.
- Je n'ai pas acheté de souvenirs.

#### The perfect tense with 'être'

Some verbs, such as aller (to go) use **ëtre** (not avoir) to form the perfect tense. They still follow the **1-2-3 rule**:

Je suis allé en Espagne. = I went to Spain. I est allé au Maroc. = He went to Morocco.

The **past participle** of these verbs must **agree** with the subject. Add an extra **-e** if the subject is **feminine**. The extra **-e** is silent, but important when you are writing.

Je suis allée en France. = I went to France. Elle est allée aux États-Unis. = She went to the USA.

#### J'ai acheté des BD. J'ai regardé des clips vidéo. J'ai regardé un film à la télé. J'ai nagé dans la mer. J'ai retrouvé Léo. J'ai traîné au lit.



I bought some comics.
 I watched video clips.
 I watched a film on TV.
 I swam in the sea.
 I met up with Léo.
 I hung around in bed.
 I slept.



The European Day of Languages (EDL) is celebrated across Europe on the 26th of September every year. It aims to promote the rich linguistic diversity of Europe and raise awareness of the importance of lifelong language learning for everyone. It was set up by the Council of Europe and was first celebrated in 2001. (source:scilt.org.uk)

#### **Practise online**

Use this QR code to find all of the vocab online where you can listen to pronunciation and practise using games and vocab lists.



#### The perfect tense with 'avoir'

To form the perfect tense of most verbs, you need 3 things :

1. a subject pronoun (je. tu, il etc)

2, part of the verb avoir (to have)

3. a past participle (e.g. visité)

To form the past participles of regular -er verbs, take the -er ending off the infinitive and replace it with -é.

visiter -> visité

e.a.; j'ai visité = l visited

Not all verbs are regular **-er** verbs. These verbs are irregular, they have irregular past participles but they still follow the 1-2-3 rule.

boire (to drink) -> j'ai bu (l drank)
voir (to see) -> j'ai vu (l saw)
faire (to do/make) -> j'ai fait (l did)
prendre (to take) -> j'ai pris (l took)

#### Culture



Christmas in France is a major annual celebration, as in a lot of countries around the world. Christmas is celebrated as a public holiday in France on December 25. Public life on Christmas Day is generally quiet. Post offices, banks, stores, restaurants, cafés and other businesses are closed. Many people in France put up a Christmas tree, visit a special church service, eat an elaborate meal and open gifts on Christmas Eve. Other activities also include walking in a park, participating in city life and sharing a meal with family and close friends. 'Joyeux Noël' means 'Merry Christmas' in French. (source:Wikipedia)

# French

# Dynamo 2 Rouge Module 1 - Vive les vacances!

I live ....

in Wales.

at the seaside.

It is ....

quite

very

100

a bit

completely

sad / funny

rubbish / nice

boring / interesting

#### Point de départ

Starting point J'habite .... en Angleterre / Écosse / Irlande (du Nord) au pays de Galles. J'ai / On a .... une semaine / deux semaines de vacances en janvier / février (etc.). à Noël / à Pâques. Je suis / Nous sommes en vacances au bord de la mer. à la montagne. à la campagne. en colo (en colonie de vacances) en colo (en colonie de vacances) chez mes grands-parents. C'est .... assez très trop un peu complètement nul / sympa ennuyeux / Intéressant triste / marrant

#### Ligison

The letter s at the end of a word is normally silent. But when the next word begins with a vowel sound, you pronounce the final s to make it easier to say. This is called *liaison*. The s sounds a bit like a z. Nous avons, yous avez

in England / Scotland / (Northern) Ireland I have / We have .... a week / two weeks of holiday j'ai acheté des baskets. in January / February (etc.) at Christmas / Easter. j'ai regardé des clips vidéo. j'al nagé dans la mer. I am / We are on holiday .... j'ai traîné à la maison. in the mountains. in the countryside. at a holiday camp. at a holiday camp. i'ai at my grandparents' home.

#### Have you had a nice holiday? Pendant les vacances ... j'ai joué au tennis. j'ai mangé des glaces. j'ai retrouvé mes amis. j'ai écouté de la musique.

Tu as passé de bonnes vacances?

During the holidays I played tennis. I ate ice creams. I met up with my friends. I listened to music. I bought some trainers I watched video clips. I swam in the sea. I hung around the house.

#### Grammaire

The verb avoir (to have) is an important irregular verb. You will need to use it a lot in this module!

tu as il/elle/on a nous avons vous avez ils/elles ont I have you havev he/she has / we have we have you (plural or polite) have they have

#### Grammaire

Some verbs are irregular. You need to learn the past participles by heart! boire ( to drink) - j'ai bu (I drank) voir ( to see) - j'ai vu (Isaw) faire (to do/make) - j'ai fait (I did/made) prendre ( to take) - j'ai pris (I took)

#### Grammaire

A small number of verbs have infinitives ending in -ir (eg vomir - to vomit) or -re (eg perdre - to lose). They form their past participles like this: vomir - vomi - J'ai vomi au restaurant perdre - perdu - II a perdu son portable



7

# French

# Dynamo 2 Rouge Module 1 - Vive les vacances!

#### Qu'est-ce que tu as fait?

What did you do?

J'ai visité un parc d'attractions. J'ai bu un coca au café. J'ai pris beaucoup de photos. J'ai vu un spectacle. J'ai fait une balade en bateau. J'ai vu mes personnages préférés. J'ai fait tous les manèges. d'abord ensuite / puis après finalement C'était .... fantastique / génial / super! amusant / marrant / sympa intéressant / ennuyeux / nul Ce n'était pas mal.

Qu'est-ce que tu as fait pendant les vacances? What did you do during the holidays? I visited a theme park. I drank a cola in the café. I took lots of photos. I saw a show. I went on a boat ride. I saw my favourite characters. I went on all the rides. first of all then after(wards) finally It was .... fantastic / great / brilliant! fun / funny / nice interesting / boring / rubbish It wasn't bad.

#### Grammaire

The perfect tense is a past tense. Use it to say what you did or have done. To form the perfect tense of most verbs, you need:

1) part of the verb avoir

2) a past participle ( joué, mangé, etc.)

#### regarder - regardé

j'ai	regardé
tu as	regardé
il/elle/on a	regardé
nous avons	regardé
vous avez	regardé
ils/elles ont	regardé



# French

#### Grammaire

The verb être (to be) is another key irregular verb. je suis I am tu es you are il/elle/on est he/she is / we are nous sommes we are you are (plural or polite) vous êtes ils/elles sont they are

#### Culture



The European Day of Languages (EDL) is celebrated across Europe on the 26th of September every year. It aims to promote the rich linguistic diversity of Europe and raise awareness of the importance of lifelong language learning for everyone. If was set up by the Council of Europe and was first celebrated in 2001. (source:scilt.org.uk)

#### Tu es allé(e) où?

Where did you go? Tu es allé(e) où en vacances? Tu es allé(e) en vacances avec qui? Je suis allé(e) en vacances avec ... ma famille / mes parents / mes copains On est allé(e)s / Nous sommes allé(e)s ... en Espagne / France / Grèce. au Maroc / aux États-Unis. Tu as voyagé comment? J'ai voyagé ... On a / Nous avons voyagé ... en avion / en bateau. en bus / en car / en train / en voiture

Where did you go on holiday? Who did you go on holiday with? I went on holiday with .... my family / my parents / my friends We went ... to Spain / France / Greece. to Morocco / to the USA. How did you travel? 1 travelled .... We travelled .... by plane / by boat. by bus / by coach / by train / by car

# Dynamo 2 Rouge Module 1 - Vive les vacances!

#### Mon voyage extraordinaire!

My extraordinary holiday!

Normalement. pendant les vacances je vais en colo, à la campagne je voyage en car. je nage dans la piscine. je fais du sport. je mange des hamburger-frites C'est un peu ennuyeux. Mais l'année dernière, ... j'ai gagné un concours. je suis allé(e) à Vanuatu. j'ai voyagé en avion. j'ai nagé dans la mer. i'ai fait de la voile. j'ai vu des dauphins. j'ai mangé des fruits de mer. C'était vraiment géniall

Normally, during the holidays... I go to a holiday camp. in the countryside I travel by coach. I swim in the pool. I do sport. I eat burgers and chips It's a bit boring But last year, ... I won a competition I went to Vanuatu. I travelled by plane. I swam in the sea. I went sailing. I saw dolphins I ate seafood.



## Quel désastre!

What a disaster! J'ai oublié mon passeport. J'ai cassé mon portable. J'ai perdu mon porte-monnaie. J'ai choisi le poisson. J'ai beaucoup vomi. Je suis tombé(e) sur la plage. Je suis resté(e) au lit. On a raté l'avion. On est arrivés en retard. Je n'ai pas acheté de souvenirs. Je n'ai pas pris de photos. Je ne suis pas sorti(e). Quel désastre! Quelle horreur!



went

#### Grammaire

Some verbs use être (not avoir) to form the perfect tense. The past participle of these verbs must agree with the subject. Add an extra -e if the subject is feminine and -s if the subject is plural.

It was really great!

aller	to go
je suis allé(e)	I went
tu es allé(e)	you (singular) went
il est allé/elle est allée	he/she went
on est allé(e)(s)	we went
vous êtes allé(e)(s)	you (plural or polite)
ils sont allés/elles sont allées	they went
Other under the Links Also in the sur-	ada at tease la abuda suit suit

Other verbs that take être in the perfect tense include arriver (to arrive). partir (to leave), rester (to stay) and rentrer (to return).



# French

		1.1			10.00
۰.	m	ots	ess	en	tiel
-					

<b>High frequency</b>	words
Qualifiers	
assez	quite
très	very
trop	100
un peu	a bit
complètement	completely
vraiment	really
Time expressions	
pendant	during
normalement	normally
l'année dernière	last year
Sequencing words	
d'abord	first of all
ensulte/puis	then
après	after(wards)
finalement	finally

#### Cognates

#### Cognates, near cognates and faux amis

I forgot my passport.

I fell over on the beach.

We missed the plane.

I didn't buy any souvenirs.

I didn't take any photos.

I broke my phone.

Host my purse.

I chose the fish.

I vomited a lot.

I stayed in bed.

We arrived late.

I didn't go out.

How homble!

What a disaster!

Cognatic correct	S. 200	celt the	ame in Fre	ench as in English. But remember to learn the
pronunc		as it is usu	ually differe	ent from English! How do you pronounce the
le bus	le fre	nin	des photo	s des souvenirs
Near co care wh		are near	ly - but no	t exactly - the same as English words. Take extra
learning	to spell	words B	te this!	
la musiq	lue	le pass	eport	le désastre
Some withese with		k like co	gnates, bu	It they are faux amis (false friends). What do
mean in	English	3		
le car	le spe	ctacle	rester	trainer

# **AVOCADOS** Foundation

#### Adjectives

bon	good
mauvais	bad
ennuyeux	boring
amusant	fun
formidable	great
utile	practical
confortable	comfortable
inconfortable	uncomfortable
pas cher	cheap
cher	expensive
aimable	nice
affreux	awful
joli	pretty
laid	ugly

normally

generally

especially

completely

immediately

frequently

usually

totally

quickly

slowly

finally

#### Adverbs

normalement
généralement
d'habitude
spécialement
complètement
totalement
rapidement
lentement
finalement
immédiatement
fréquemment

## Verbs

très

plus

trop

e vais	Igo
e fais	I do/make
'écoute	l listen
e mange	Leat
e bois	I drink
'achète	1 buy
e joue	1 play
e suis allé	1 went
'ai fait	I did/made
'ai vu	I watched
c'était + adjective	It was + adjective
e vais (+ inf)	I am going to + inf
ce sera	It will be
e voudrais	I would like

#### Detail very more quite assez moins 10:55 a bit un peu many/a lot beaucoup 100 aussi also



#### Opinions

j'adore	l love
j'aime	1 like
je n'aime pas	I don't like
j'aime assez	l quite like
j'aime vraiment	I really like
je prétère	l prefer
je déteste	Ihate
Je crois que	I believe that
Je pense que	I think that
je trouve que	I find that
À mon avis	In my opinion
Selon mol	In my opinion
D'après moi	In my opinion

#### **OMG!** phrases

ce qui est bien the good thing is that c'est que ce qui est mauvals the bad thing is c'est que that le meilleur c'est the best thing is that que le pire c'est que the worst thing is that

# French

## Connectives

et	and
cependant	however
neanmoins	however
par contre	however
aussi	also
même si	even if
car	because
parce que	because
puisque	because
donc	therefore
mais	but
sans doute	no doub!
ou	or
peut-être	perhaps

perhaps

### Sequencers

premièrement puis avant après le matin l'après-midi le soir hier aujourd'hui demain

maintenant

plus tard

ning noon ning now later

la semaine prochaine next week la semaine dernière last week

(
first
then
before
after
in the morr
in the aftern
in the ever
yesterday
today
tomorrow
now

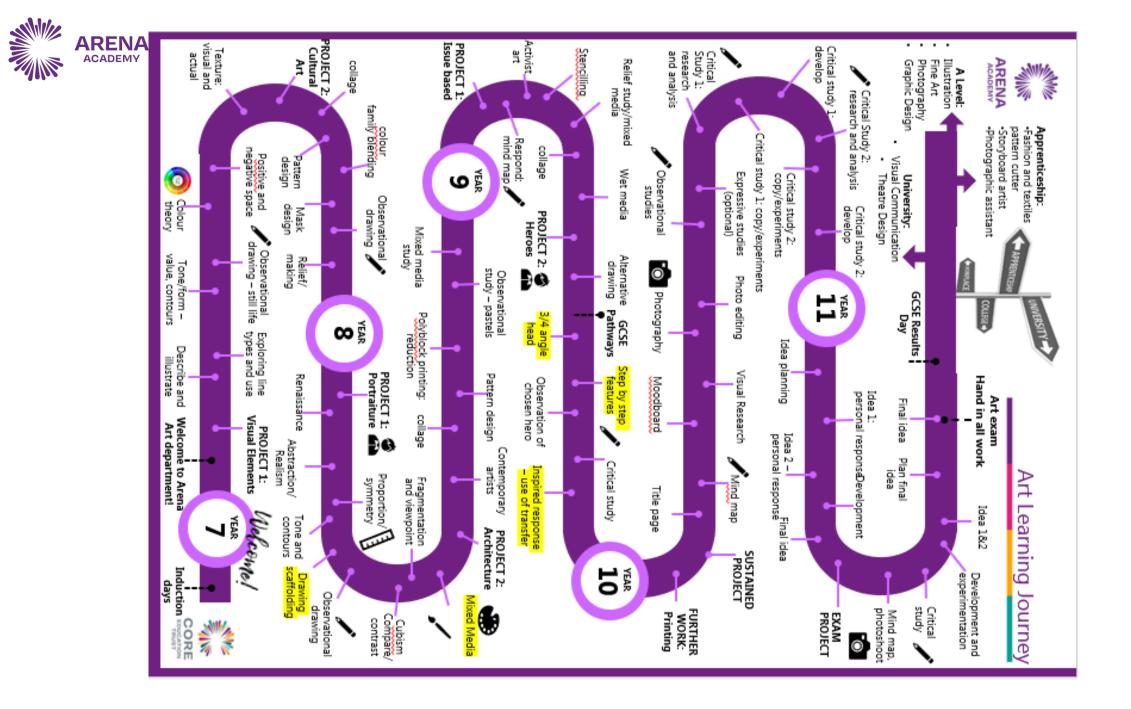




Topics covered from February half term to the end of Academy year.

# Summer:

- 1. Imagined architecture collage
- 2. Gothic architecture observation
- 3. Pattern composition
- 4. Reduction printing
- 5. Mixed media/relief outcome



# Year 8 **Architecture**

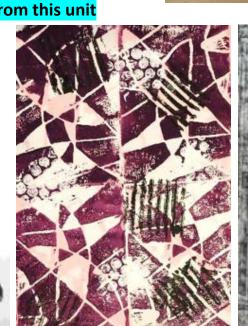
#### 1. Key concepts:

Architecture is the art and science of designing and constructing buildings and other physical structures.

It involves the creative and functional arrangement of space, materials, and forms to meet human needs while considering aesthetics, safety, sustainability, and cultural values. Architecture shapes the built environment, influencing how people live, work, and interact with the world around them.

## 2. Exemplar work from this unit





### 3. Techniques/skills:

#### Collage:



A type of relief printing using a Polyblock polystyrene plate. Several layers can printing: be created to add depth and additional colours. Polyblock printing can be used to create repeat prints.



three-dimensional elements are media to create relief in this unit.









## Zaha Hadid

Hadid was known as an architect who always pushed the boundaries of what architecture and design could be. Many of her buildings were inspired by curves and lines found in nature. In 2004, she became the first woman to be given the Pritzker Architecture Prize - one of the world's leading architecture awards.

4. Critical references:

## Sara Bagshaw

Working with a vocabulary of simple abstract shapes and lines, Sarah first creates the basis of her patterns with a variety of basic techniques linocut, collage, bits of photographs, and painting before editing on Photoshop. Building her images up in shifting layers of colour results in patterns that sometimes appear translucent, sometimes solid, but always vibrant and bold.

#### Ian Murphy

Ian Murphy is a contemporary British artist celebrated for his exploration of architectural form. His work involves muted palettes, layered images, textured surfaces, exploration of permanence and decay and recording of dramatic light and shadow.

## Seth Clark

Seth Clark's collages and sculpture focus on deteriorating architecture. Clark creates his works through a layering process of found paper and wood, with various mixed media and drawing incorporated later to bring definition and depth to the materials. The found materials add texture and tactility to the work.

### 5. Key Vocabulary

- Architecture •
- Form
- Design •
- Function
- Mixed media
- Collage •
- Printing •
- Layers
- Reduction •
- Space –

### positive/negative

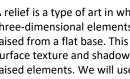
- Space interior/exterior
- Modernist
- Gothic •

6. Questions to ask yourself How does the design of building enhance our lives?

What makes buildings beautiful? Or culturally important?

How can buildings inspire your visual outcomes?

Can you explore 3d making techniques to develop interesting interior and exterior spaces?



A technique in which various

stuck onto a larger surface.

materials or objects, for example

paper, cloth, or photographs, are

A relief is a type of art in which the raised from a flat base. This creates a surface texture and shadows from the raised elements. We will use mixed











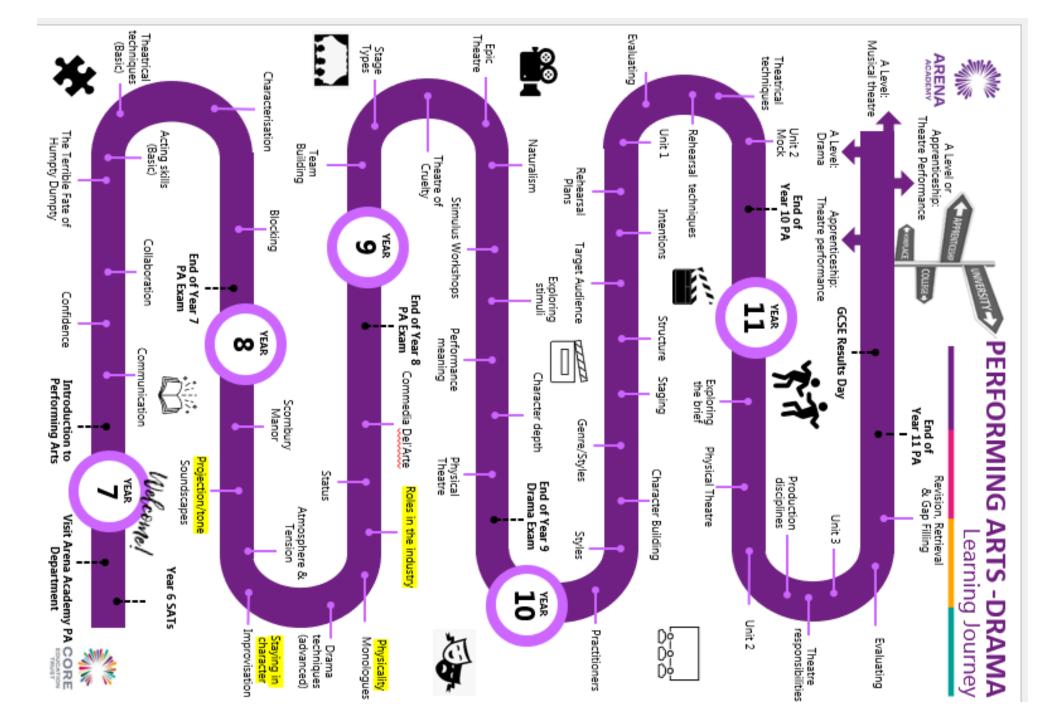
# Performing Arts:Drama

Topics covered during the Year 8 Drama carousel:

# <u>Summer</u>

- 1. Scornbury Manor
- 2. Projection/tone
- 3. Soundscapes
- 4. Improvisation
- 5. Atmosphere/tension
- 6. Staying in character
- 7. Drama Techniques (advanced)







1. Actin	g Skills – Physical	2	. Acting Skills – Voice	3. Performance Techniques – <b>4. Production Disciplines –</b>
Body Language	How an actor uses their body to communicate meaning. For example,	Projection	Ensuring your voice is loud and clear for the audience to hear.	1. Tableaux – When you         highlight something         significant in a scene through
	crossing your arms could mean you are fed up.	Volume	How loudly or quietly you say something	<ul> <li>acting skills.</li> <li><b>2.</b> Thought-Track – When you speak your characters</li> </ul>
Facial Expressions	A form of non-verbal communication that expresses the way you are feeling, using your face.	Tone	(Shouting/Whispering) The way you say something in order to communicate emotions (Eg, Angry, worried, shocked)	<ul> <li>speak your enducters</li> <li>thoughts/feelings out loud to an audience.</li> <li>Soundscape – A series of sounds created by actors</li> <li>Marketing</li> </ul>
<b>Gestures</b> A movement of part of the body, especially a hand or		Pace	The speed of what you say.	that create a setting or suggest a scene.
	the head, to express an emotion or meaning.		How high or low your voice is.	<ul> <li>4. Choral Speech – A group of performers say lines at the</li> </ul>
Posture	Posture The position .an actor holds their body when sitting or standing. For example, an upright posture	Pause	Moments of pause can create tension or show that you are thinking.	same time. 5. Flashback – scenes that show the past - seconds,
		Accent	Use of an accent tells the audience where the	minutes, days or years before a dramatic Set Design
Gait	The way an actor walks.		character is from.	6. Flashforward – scenes
Stance	yourself when standing to communicate your role. An elderly person would have a different stance to		Changing the way a word or part of a sentence is said, to emphasise it/make it stand out. Example – "How could YOU do that?" Or "How could you do THAT?"	<ul> <li><b>b.</b> Prasmorward – scenes where the action jumps ahead to the future of the narrative.</li> <li><b>7.</b> Proxemics – The space between characters on stage that shows their</li> </ul>



### 5. Overview of Topic

You will develop an understanding of the horror genre. You will be able to explore your creativity, inventiveness and imagination using performance techniques and creating characters exploring a haunted house.

<u>6. Key characters –</u> Mr/Master Scornbury Miss Henson Miss Green Witch



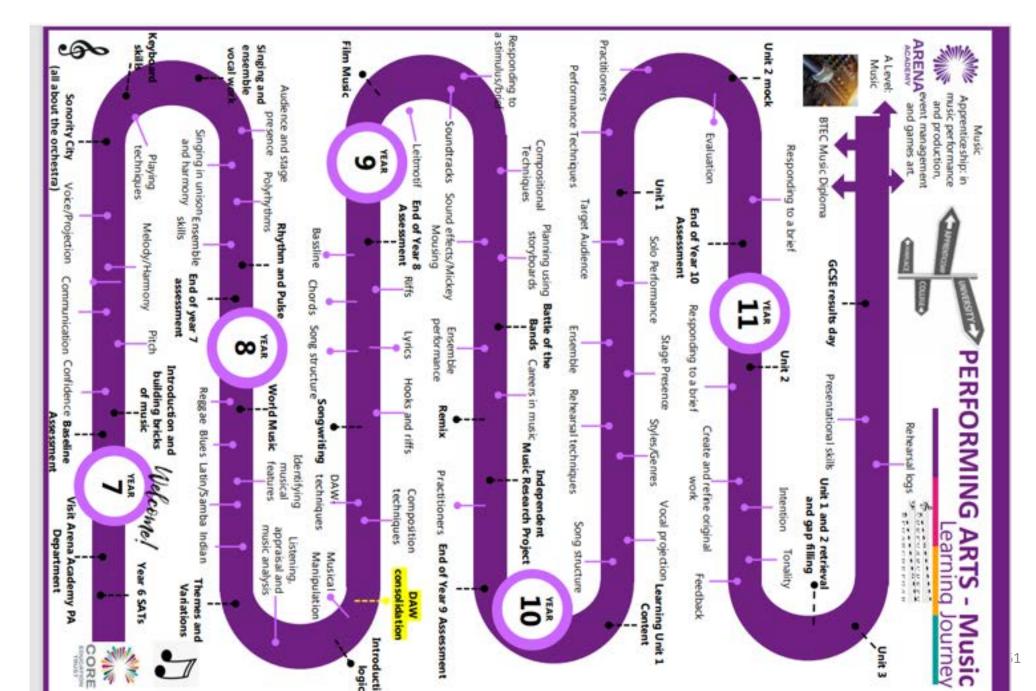
# Performing Arts: Music

Topics covered during the Year 8 Music carousel.

# Summer:

- 1. World Music
- 2. Reggae
- 3. Blues
- 4. Latin/Samba
- 5. Indian
- 6. Music features
- 7. Themes and Variations
- 8. Listening and music analysis
- 9. Introduction to Logic





# VARIATIONS

#### A. Theme and Variations Key Words

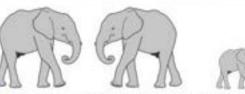
MELODY - A tune or succession of notes, varying in pitch, that have an organised and recognizable shape. Often called the main TUNE or THEME of a piece of music or song and easily remembered.

VARIATION - Where a THEME is altered or changed musically, while retaining some of the primary elements, notes and structure of the original. VARIATION FORM:

called a DESCANT).

Tone Semitone Tone Tone

MAJOR SCALE



DYNAMICS

the volume

- Change

of the

play it

softer.

theme -

louder or



A (Theme)

PITCH-

Change the

highness or

lowness of

play the

but at different

the theme -

same notes,

pitches e.g.

in different

OCTAVES.

TEMPO

Change

the

speed

of the

theme

- play

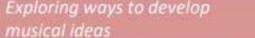
faster

slower.

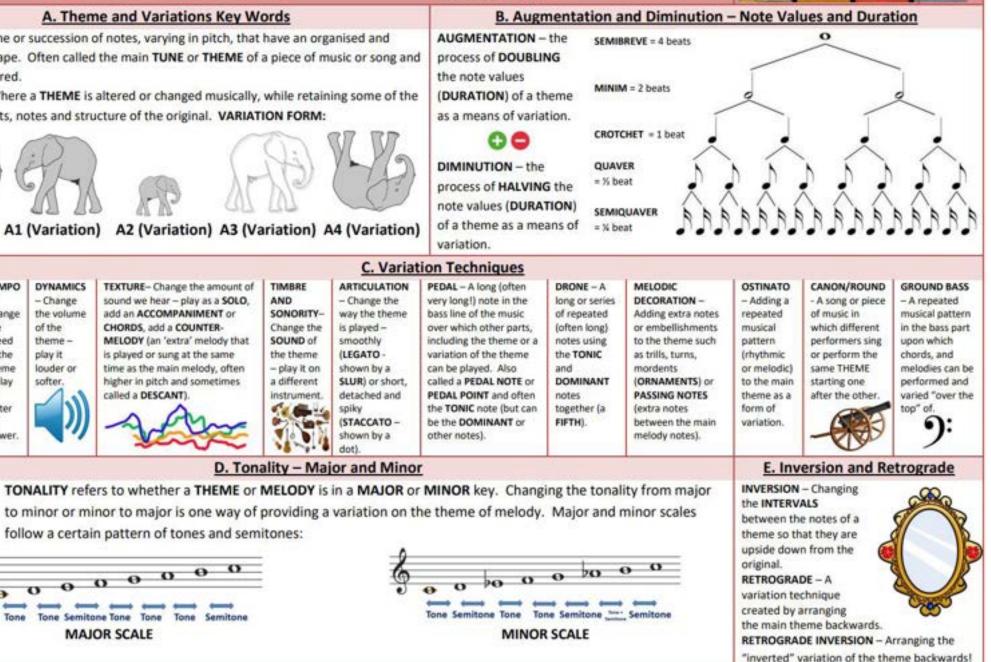
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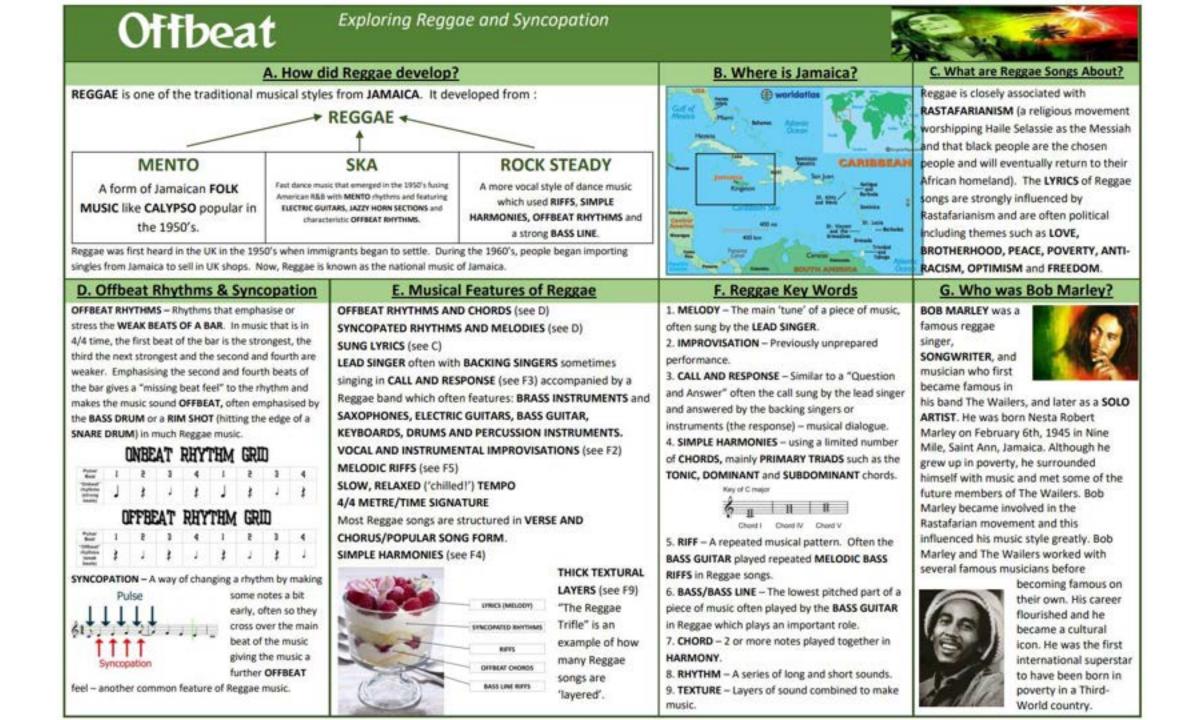
or.

A1 (Variation) A2 (Variation) A3 (Variation) A4 (Variation)





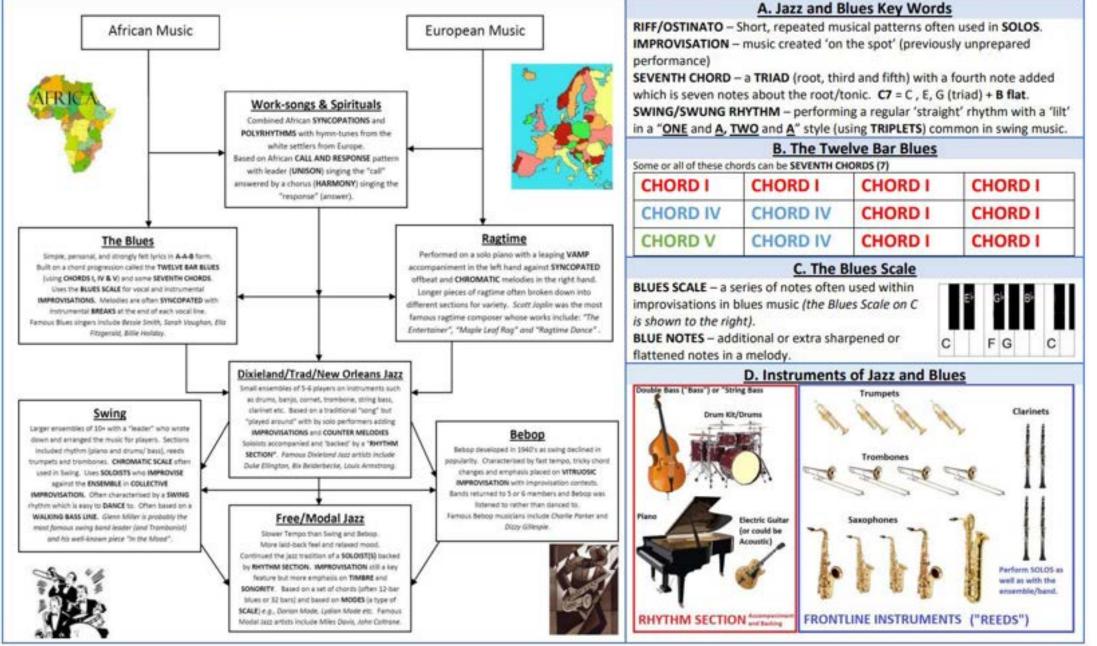




# All That Jazz

#### Exploring Jazz and The Blues







# Physical Education

Topics covered from the beginning of the academy year to the end of this half-term.

# Summer:

Striking and Fielding
 Athletics
 Rounders
 Cricket

		Overview		(	Social and	Emotional		les as assess
two team t involves <u>b</u> runr	a bat and ball game s. It is a striking and f <u>atting</u> . (hitting a ball ning around a circuit e fielding to prevent	with a bat) and of bases.		Cooperation Cooperating is about together and helping of teams need each ind cooperate with teams sure your fielding is ap organised so there are	t working thers. Strong lividual to nates. Make spropriately	Commun We need to commu receive informa teammates. We ca speaking, listen language. For exam with batters when	nicate to give and tion from our n do this through ing and body ple, communicate	Key Vocabulary Rounders Fielding Throwing Stumping
When field when field when field	the ball, and throwin ng, it is important to ut our <u>position</u> & the d always follow the ru of striking and fieldin	hina, tracking and g it to others. work as a team, position of others. les and correct	~	Supporting and Enc Encouraging and supp can help them to feel perform well. Try to he stay positive	orting others I good and sip everyone e.	Respect and Respect is the act of and showing can important to be teammates, oppon coaches. It is import of others, respecti abilities and exp Managing	f giving attention e to others. It is e respectful to ents, referees and ant to be inclusive ing people of all perience levels.	Striking Tracking Bowler Batter Backstop
<i>21.10</i>	0.0.2	Physical		Fair play is about learnin the game and putting practice honestly. Winn	ng the rules of g them into	Whilst it is important you should remember sports should be fun.	t try your hardest, er that games and	Collaboration
Skill Botting	Definition To strike the ball away from you with the surface of the bat. To stop a ball so	How do I do this? -Stand slightly sideways from the person bo Watch the ball carefully. Strike by moving from you. Use the centre of the bat to stri strike the ball in space between fi -Move feet to get in line with the ball. Use	your bat away ike it. Look to elders.	as good as it should when you know that you have won fairly. E.g. be honest if you are stumped out.		others in victory and gracious in	be respectful and	Honesty Fair Play Persevering
R	that it is no longer moving. To return it to teammates to	stop it. Make sure that your pains are facin wide fingers. To throw, start with throwin body. Put opposite foot to throwing arm fo	ng the ball, with 19 arm behind			Thinking/ Strateg	ic	
Bowling	To send the ball through the air from your hand.	on back foot. Point throwing arm in direct -The ball should be bowled underarm. Ste opposite foot to throwing arm to stay bala non-throwing arm to point in the direction the ball to go. Point fingers at the target of	p forward with anced. Use your that you want	Jer dans	Ì	Field and Positions Bowlers bowl from the bowling square. Batters from the	successfully as a to overtake each oth so all batters nee	ers is about working earn. Batters cannol er on the circuit, an d to know when to y, fielders should be
Catching	To take hold of the ball in your hands before it bounces.	-Watch the ball carefully. Hands out o approaches. Bend your knees as you prep Use wide fingers, eyes on the ball, soft hand your hands around the ball and pull it in	are to catch it. Is to catch. Close to your body.			batting square. The backstop should be (a safe distance) behind the batter.	many spaces as p other fielders kno	ver all bases and as possible. Call so that w you are chasing a events collisions.
Running ween Bases	To hit the ball with your hand or equipment.	<ul> <li>After striking, look carefully at where the and the fielders who are close to it. Run aro of the bases. Stay close to the cones, keepin left-hand side. Stop at a cone if you can se could stump you out at the next.</li> </ul>	ound the outside ing them on the se that a fielder	we daare to the second	(Port)	Fielders should be positioned near bases and in spaces around the field.	-When fielding, d never know when	ion't switch off! You you are going to b stch/return the ball

# Athletics is the name for a number of different sports that require strength, endurance and set. Athletics includes took and field events. -<u>Track events involve nummer and sprinting</u> Examples are the 100 metre sprint and hundles.

 Field events often use skills like jumping and throwing. Examples include the shatput throw and the long jump.

 Someone competing in othletics is known as an athlete. They should learn how to perform movements safely, build our confidence and respond to feedback given by others.

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V	5	
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1 20	1	1.1

		Physical
Shit	Definition	How do I do this?
Sprinting	To run a short distance at top speed.	<ul> <li>Keep looking straight ahead, and take big strides.</li> <li>Run on the balls of your feet and lift your lenses high and fast. Use your arms for balance (alternate to legs) moving from packets to mouth.</li> </ul>
Hundling	To leop over obstacles whilst running.	-Look straight ahead when running and hurdling so that you don't over rotate. Bend your lenses on take-off and landing. Count the number of strides between each obstacle and try to keep this even. Keep a rhythm between the obstacles.
Aumping	To lounch both legs off the floor at the same time	-Bend your lenses on take-off and landing. -For distance, using your arms up for momentum, -Where appropriate, take off from two feet.
Throwing	To lounch something with force from the hand.	Begin with a high elbow in line with shoulder and back of head. Point your non-throwing arm in direction of target. Fost of non-throwing side forward. Push throwing arm forward and release.
Using multiple skills	To use the above skills together.	<ul> <li>Many events involve running and jumping or running and throwing. Males sure that you are still leeping the correct technique, for skill &amp; strength.</li> </ul>

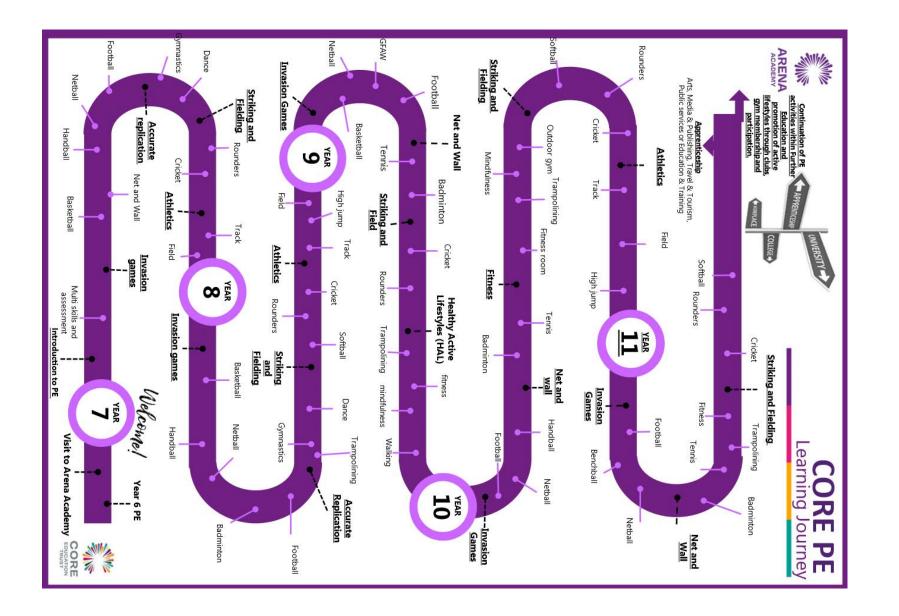
Heroel and	Emotional	
Supporting and Encouraging Encouraging and supporting othen can help them to feel good and perform well.	Honesty and Fair Play Fair play is about learning the rules of the game and putting them into practice honestly. We should not try to gain an unlair advantage over others.	Key Vocabulary Athlatics Strength Speed Endurance
Keeping Safe allow the rules and listen to the each/ referees instructions. Store and handle apparatus property.	Building Confidence Some othletic moves con be difficult or dangerous. It is important that we believe in ourselves and build confidence before attempting moves.	Running Jumping Throwing Sprinting
Perseveronce Perseveronce is about likesping going even when something is difficult or time.	Challenging Myself Whenever we learn anything, we have to start somewhere! Improving ourselves is all about putting in hand work and practice, challenging ourselves to be better than we were before!	Obstacke Explorment Persevent Hundling Distance
	Thinking/Strategic	

Track – The name given to events that take place on a running track. The tracks are often made of nubber for more bounce and speed. Full-sized athletics tracks are often 400 metres around.

Field -Events that do not take place on the running track, e.g. jumping and throwing events. They often take place inside the oval track. -In othletics, it is important to try and reflect on your strengths and weaknesses in order to beat your personal bests. When things do not go well consider which parts of your technique were not quite right, and take steps to improve them. You should also try to help others to improve through offering clear and fair feedback.

				Health and Safety				
Exercise in safe gooes. Be minibil of others.	Heep your head up and lenow what is pround you.	Warm up properly including stratching your muscles.	Bend your Imaen when you hand jumps.	When using obstacles, make sure that they are a sofe height and are not fixed in the ground.	Mole sure that equipment is in working order.	equipment is put	atter	Remove jewellery and wear suitable cluthing' equipment.

		Overview	Jeciel en	d Emotional	Samananana
-Cricket is a bot and ball game played between two tearrs. It is a striking and fielding game. It involves batting. Batters try to protect their wicket and score runs. They can score runs either by striking the ball post the boundary, or by running between the crease without being stumped.		Cooperation Cooperation is about working together and helping others. Strong teams need each individual to ciciperate with teammates. Make sure your fielding is oppropriately arganeed is there are few gaps.		Key Vecebulary Cricket Fielding Throuing	
Opponents use batter out, and catching, tro -Cricket involve	bowling and fieldin to try and prevent sching and stopping throwing it to other a working as a team tion & the position	ng to try to get the runs. This involves the bolt, and n. m, thereing about	Supporting and Encouraging Encouraging and supporting others can help them to feel good and perform wall. Try to help everyone itay positive.	Biopect and Kindness Respect in the act of giving attention and incuring core to others. It is important to be respectful to teoremeters, reponents, referees and cooches. It is important to be inclusive of others, respecting people of all abilities and experience levels.	Stanging Striking Batting Bouler Batter
			Honesty and Fair Play Fair play 5 about learning the rules a		Wicket
Shell	Definition	Physical How do I do this?	the gome and putting them into practice homestly. Weeking any heek	you should remember that games and grows should be fun. Be considerate to	Crease
Batting	To strike the buil sway from you with the surface of the ball.	Fingen and thumbs wrapped around the bot handle. Mate a V using thumb and forafinger. Dominant hand at the bottom. Feet panalel, shoulder-width apart. Push the bot straight, swinging arms away from the body. Keep head and the rest of the body still. Keep eye on the boll.	on good on it should when you know that you have won think. E.e. be haved if you are nun out.	sthen is victory and be respectful and proclose in defect.	Ditch Sturngs Burs
Fielding	To map a boil so that it is no longer	-Move first to get in line with the bell. Use two hands to stop it. Make use that your points are facing the ball, with			
R	moving. To return it to teammater to prevent runs.	while lingers. To throw, start with throwing orm behind body. Put opposite fost to throwing orm towards, weight on body foot. Point throwing orm in direction of torget.		Thinking/ Strotegic	
Throwing	To used the ball through the sit from your hand.	"You should now be developing overgen throwing. Dep forward with opposite foot to throwing arm to doy balanced. Use non-throwing arm to point in direction that the ball should go. Point fingen at target as you release.	17-	-Ener for each time survey between the wideet.	it a bottler and ling the ball at the bottler, and knacking
Catching	To take hold of the ball in your hands before it bounces.	-Watch the ball corefully. Hands out as the ball approaches, Bend your lenies as you prepare to cotch it. Use wide fregers, eyes on the ball, will hands to cotch. Case your hands pround the ball and pull it in to your bady.		-Knam for hitting the oil post the boundary (hitting the ground (sethout	e <u>wicket</u> , g the boll after it ha y the botter's bot it bouncing).
Bowling	To used the ball undersom towards the unicket from your hand.	<ul> <li>Step forward with the opposite lost to your bowing arm in order to stop indexend. Keep your bowling arm draight so that the ball powels straight, Release the ball with fingertax pointing lowards the target.</li> </ul>		d nam for letting the off past the boundary botting crease (a.	all lenories the wideet bottler is not in the g. if they one trying to en the creased.



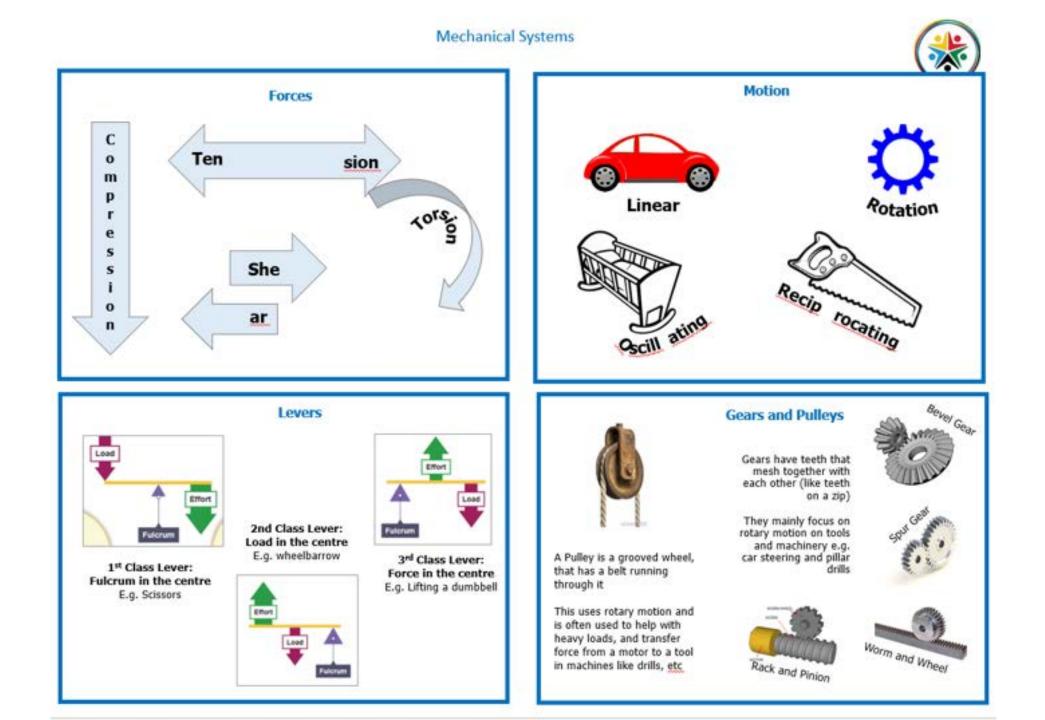


# Design Technology

Topics covered from the beginning of the academy year to the end of this half-term.

Summer:

Mechanical Systems
 Industry & Enterprise



### Industry and Enterprise



#### Automation

This is when machines and robotics help make products or make them for you. Often this is done by CAD (Computer Aided Design) and CAM (Computer Aided Manufacture)

This helps products be made quicker, with more accuracy. Reducing errors humans make to products.

However, these machines are expensive to buy, need specialist training to use and need constant maintenance to keep them working properly

#### Virtual Marketing

This is when websites, social media and email are used to promote and sell products. This has become very popular in recent years, with big social media apps being funded by advertisers

Companies can also pay search engines to push their company further to the top of the results page, so customers are more likely to click it.

#### Cooperatives

A Cooperative is an Enterprise that is run by members that are part of the workforce or customers.

This means the organisation is democratic and often supports the local community. They are set-up to protect the rights of their members and ensure the same rules apply to everyone

#### Enterprise

This is when an idea is developed into a business and produces a viable product.

Often, one of the biggest enterprises in in apps for smartphones

To make sure ideas are protected from being copied, a **Patent** can be applied for. This legally protects your idea on invention from being stolen.

#### Crowdfunding

This is where ideas are funded by large groups of ordinary people.

www.Kickstarter.com is a good example of this.

#### Fair Trade

This is an organisation that promotes fair pay, working conditions and better trade with farmers in developing countries

You can tell when something is Fairtrade as it will often have the symbol on the product or packaging. Common Fairtrade items include; bananas, cotton and chocolate.



#### Modern and Smart Materials

#### Papers and Boards

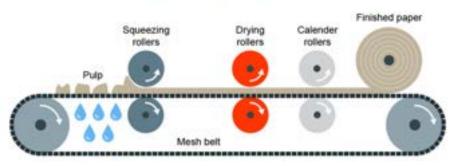


Material	Key info	Examples		
Corn- starch Polymers	These are plant-based polymers that are a replacement for plastics that are biodegradable but cannot be recycled.	Plastic bottles, tubs, food containers, etc		
Flexible MDF	Made in the same way as normal MDF but with grooves cut into the surface so it is flexible. <b>Flexiply</b> is the same but for Plywood. These can easily be shaped into curves	Modern furniture, interior walls and room dividers		
Titanium	High strength to weight ratio. Doesn't corrode or rust. Suitable for medical use as its hypo- <u>allergneic</u>	Prosthetics, medical applications, sports cars, etc		
Kevlar	A woven polymer with a high strength to weight ratio.	Bullet-proof vests, tyres, helmets, etc		

Material	Key info	Examples Kettles, baby bottles, etc Colour changing glasses, windows, etc Braces and glasses Modelling and repairs	
Thermochro mic Pigments	Change colour in reaction to heat		
Photochromi c Pigments	Change colour in reaction to light		
Shape Memory Alloy	Returns to its original shape, in reaction to heat		
Polymorph	Granules that once exposed to hot water, become a modelling material (like a dough or clay)		

Papers and Boards come from trees. The Stock forms for papers are: rolls, sheets, A4, A3, etc.				
Material	Key info	Uses/ Examples		
Cartridge Paper	Thick white paper, completely opaque and more expensive than photocopy paper	Sketching, ink drawings		
Layout Paper	Light, semi-translucent, good for blending inks and artist markers	Sketching, drawing and some tracing		
Corrugated Cardboard	Strong but light. Rigid triangles of card sandwiched between a top and bottom layer.	Outer packaging, food packaging		
Duplex Board	Light card with white outside layers. Waxy coating can be added	Cheap packaging. If waxy coating is applied, can be used for food		
Foil-lined Board	White card coated with a thin aluminium layer. Foil is great for insulation and water resistance	Takeaway containers		
Solid White Board	High-quality white card with a smooth finish. Stiff and holds colours well	Greetings cards, packaging and advertising		

#### Primary Processing of Papers and Boards



Paper is made by first making pulp. Pulp is a mix of tree fibres and water. This is cooked and bleached white, and adding any other additives. The pulp is then drained and goes through **Calendering** where the pulp is drained and goes through rollers to convert it to its stock forms



# Personal Development

	There are 5 fundamental British Values. Through understanding the British values different faiths and beliefs, you will develop self-knowledge, be better able to make		mocracy, the Rule of Law, Individual Liberty, Mutual Respect, and Acceptance for those with ght choices and make contributions to the school and the wider community.			
Dem	ocracy					
2	Democracy	8	Examples of Political Parties:			
3	In the United Kingdom we vote (age 18 +) for the people we want to run our councils and Government.	Is	Liberal Democrats Palabour			
4	We vote for Members of Parliament (MP's). Elections take place at least once every 5 years.		Decision of the second se			
5	In our democracy there are political parties. At the time of writing the political party who has the majority of MP's in Parliament is the Conservative Party. Labour are currently the opposition Party.	9	When elections take place for Members of Parliament, the public go to vote. Traditionally this happens a Thursday, and people vote in a secret ballot. People only know who you vote for if you decide to tell them – it is rude to ask!			
6	The Leader of the Conservatives and our current Prime Minister is Theresa May. The Leader of the Opposition is Jeremy Corbyn.	10	Where can I see British Values at School? Democracy – School Council / Form Representatives / Stude Executive. We hold mock elections and in PSHE you will learn more about politics. We participate in the MAT debating competition, held in the council chamber at the Town Hall.			
7	MP's debate in the Palace of Westminster, in the House of Commons. On the opposite side of the Building is the House of Lords. The House of Lords (unelected members) ratify law and policies put forward by parliament.		way reepasing competition, neight the council champer at the rown hair.			
The	rule of law	10 S				
11	In the UK, we have laws which determine what is legal and illegal. You are expected to know the difference between right and wrong.	14	There are consequences for making the wrong choice or taking illegal actions. We all take responsibility for our actions.			
12	The rule of law is a principle that individuals and institutions are subject and accountable to, which is fairly applied and enforced.	15	Where can I see British Values at School? Rule of Law – Our Behaviour Systems and Behaviour Policy. We have agreed rules and expectations so that our school is a safe and happy place where all difference and the second secon			
13	Those who commit crimes will ultimately be brought to justice through the legal system including Police officers, courts and lawyers. The rule of law acts as a deterrent, to deter people from criminal acts.	2	are reconciled peacefully. We have a PCSO that comes into school to educate you in the law.			
Indiv	idual liberty	<b>J</b> a 8				
16	In the UK you are free to have an opinion (unless it is extremist) and believe in what you want without discrimination.	18	Where can I see British Values at School? Mutual Respect – Our academy ethos, antibullying and assemblies. Boundaries are used to ensure you are safe.			
17	You have the freedom to make choices and decisions without being judged.					
	al respect for and tolerance of those with different faiths and beliefs and for those with					
19	Mutual Respect and Tolerance are the proper regard for an individuals' dignity, which is reciprocated, and a fair, respectful and polite attitude is shown to those who may be different to ourselves.	21	We should all actively challenge students, staff or parents expressing opinions contrary to the values we hold in society and as a school and those that underpin the fabric of a democratic Britain. This is crucial to us to protect one another and to tackle 'extremist' views and prevent people from being radicalised.			
20	Differences in terms of faith, ethnicity, gender, sexuality, age, young carers and disability, are differences that should be respected, tolerated and celebrated.	22	2 Where can I see British Values at School? Acceptance of Faith – RE Lessons and Assemblies. We giv you messages of tolerance and respect for others no matter what their ethnicity, beliefs, sexuality, gene or disability.			
	Democracy Rule of Law Indivi	dual	Liberty Mutual Respect Tolerance			