



Geography



**St Stephen Churchtown Academy
2024 - 2025**

Geography Lead: Mr D Batson



Curriculum Area in Action - GEOGRAPHY

Intent

Geography gives our pupils a coherent knowledge and understanding of the world: its people, its composition, its history, its future. We inspire pupils' curiosity to know more about their place as global citizens, who will face the challenges of sustainability with confidence. We want pupils to...

- Speak like a geographer: using high level geographical vocabulary to confidently discuss key geographical themes.
- Think like a geographer: showing curiosity and fascination about the world and its people, gaining contextual knowledge of different locations, including culture, resources and environments.
- Act like a geographer: experiencing fieldwork opportunities to interpret a range of geographical sources, collect data, analyse and communicate geographical knowledge. In addition to this, students will engage in sustainable behaviours in school and their own lives.
- Read like a geographer: taking a fascination in geographical literature to further their geographical interest.

Example to demonstrate expectations

Every new topic should have a knowledge organiser and an introductory lesson (bridging activity) which focuses on map work.

The first lesson of every unit must include atlases and globes.

Monday 16 January 2022

GDS: Where is the Amazon Rainforest?
Geographical skills: I can use atlases, globes, and digital mapping to locate the rainforests in relation to latitude and longitude.

I think...	I worked on my own	I had some help from a teacher.	I worked in a teacher's group.
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I understand the use of atlases, globes, and digital mapping to locate the rainforests in relation to latitude and longitude.
 I can use an atlas to find the Amazon Rainforest.
 I can use scale, longitude, and latitude whilst reading an atlas.
 I can identify areas on a globe, that I previously found in an atlas.
 I know how to use digital mapping programmes to find more information.
GDS: I can compare the size and area of the Amazon Rainforest to other rainforests.

Key Vocabulary

Term	Definition
Tropic of Capricorn	The latitude on the Earth's surface that is roughly 23.5 degrees south of the Equator.
Tropic of Cancer	The latitude on the Earth's surface that is roughly 23.5 degrees north of the Equator.
Equator	The imaginary line that divides the Earth into the Northern and Southern Hemispheres.
Longitude	Imaginary lines that run north to south pole.
Latitude	Imaginary lines that run east to west.

Word Bank

- Equator
- Tropic of Cancer
- Tropic of Capricorn
- Northern Hemisphere
- Southern Hemisphere
- North Pole
- South Pole

Figure 1: Using lines of longitude and latitude (20, 40, 60, and 80).
 Figure 2: Using a globe to find the Amazon Rainforest (20 and 40).
 Figure 3: Using digital mapping to find physical features (20 and 40).
 Figure 4: Finding the Amazon Rainforest in an atlas (20).
 Figure 5: Using an atlas to find countries and continents.

The learning objective is presented as a question which must be answered. These are referred to throughout the lesson. GDS opportunities are clear for students.

LO: Why are the energy prices soaring?			
Geographical skills: I can use atlases and globes to visualise the journey of natural resources.			
I think...	I worked on my own	I had some help from a teacher.	I worked in a teacher's group.
I understand vocabulary: energy, inflation, resource, import, dependency			
I understand that energy can come from very far away, which is very expensive.			
I can use scale, longitude, and latitude whilst reading an atlas.			
I can identify areas on a globe, that I previously found in an atlas.			
GDS: I can discuss ways in which energy may be transported from far away			

Geography lessons will follow the St Stephen lesson structure.

- Retrieval
- Locational Knowledge
- Learning Journey
- Vocabulary
- Curiosity

	LO: What forms of terrain will I experience in Russia? Why is it so vastly different?		LO: What forms of terrain will I experience in Russia? Why is it so vastly different?	
Key Words Scale Terrain Siberian Climate Zones Mountain	Locational Knowledge 	Key Words Scale Terrain Siberian Climate Zones Mountain	Retrieval 	Word Bank Equator Tropic of Cancer Tropic of Capricorn Northern Hemisphere Southern Hemisphere North Pole South Pole
Aspirations Cartographer		Aspirations Cartographer		
Class Value Resilience		Class Value Resilience		

- Cultural Capital
- Independent Task
- Summary

Geography lessons will refer to aspirations throughout.

Geographical fieldwork to be completed at least once a year. Evidence to be placed in books.

LO: How large is Russia's land mass in comparison to the United Kingdom?


Key Words
Scale
Tropics
Hemisphere

Aspirations
Cartographer

Class Value
Resilience

Learning Journey

Session 1
Where is Russia?
How large is Russia?




Session 2
Russian terrain

LO: What forms of terrain will I experience in Russia? Why is it so vastly different?

Key Words
Scale
Terrain
Siberian
Climate Zones
Mountain

Aspirations
Cartographer


Class Value
Resilience




Wednesday 23rd 8 March 2022

LO: How do the indigenous people of the Amazon Rainforest live in such extreme conditions?
Geographical Skills: I can use my skills of observation during fieldwork to understand how settlements, medicines, and foods are formed in the biodiverse Amazon Rainforest.



I think...	I worked on my own.	I had some help from a teacher.	I worked in a teacher's group.
	I understand what the Eden Project is and why it is important to promoting the important of plant life.		
	I can become a botanist for the day, studying how plants are used to support indigenous civilisations.		
	I can present my findings to a group, using resources found in a rainforest.		
	GDS: I presented my ideas using key words such as dwelling, botany, and biodiversity.		



We created a diamond nine of tools for the Amazon Rainforest.



We made notes on how indigenous people use plants to support survival.

One piece of extended writing per topic. This should include pictorial representations when appropriate.

Extended writing should provide cross curricular opportunities such as the inclusion of your year set of Alan Peat sentences, "because answers" from guided reading and so forth. These opportunities should be in addition to the geographical skills on display.

Monday 16th 28 May 2022

	<p>LO: Why does the UK want to invest in nuclear energy and how is it kept safe? Geographical Skills: I can locate nuclear reactors on a map and state their co-ordinates against latitude and longitude.</p>		
I think...	I worked on my own.	I had some help from a teacher.	I worked in a teacher's group.
✓	I understand vocabulary nuclear ...		
✓	I can use skills from guided reading lessons to explain why nuclear energy is viewed as a long term alternative by the British government.		
✓	I can use skills from English lessons to summarise what nuclear energy is and how it is produced.		
✓	I know who Enrico Fermi is and how he changed the world for better or for worse.		
✓	I can use the glossary of an Atlas to find cities around the world.		
✓	I can note down lines of latitude and longitude for cities around the world.		
✓	GDS: I can use high level vocabulary within my writing such as ...		

Why does the UK want nuclear energy?

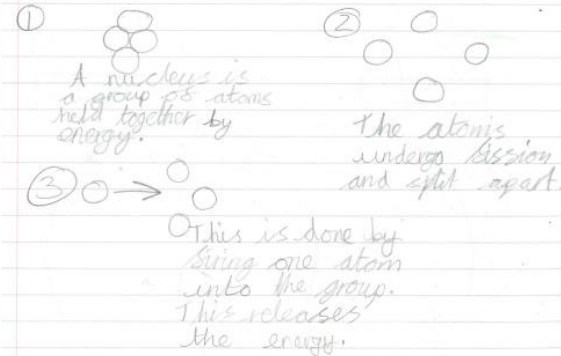
Fuel prices are rising because of Brexit, Russia and because fossil fuels are becoming rare. Right now, sixteen percent of the UK's energy is nuclear but Boris Johnson wants it to be raised to twenty-five percent. The Nuclear Industry Association (NIA) said: "Accelerating nuclear projects is absolutely essential to keep energy costs down, cut expensive gas imports and strengthen our energy security as we move towards net zero. That means urgently investing in a fleet of large and small nuclear stations, alongside renewable investment, to deliver the clean power we need."

Who invented Nuclear Energy?

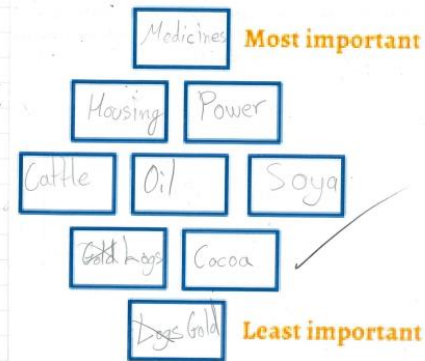
The physicist Enrico Fermi created the nuclear energy. On December 2, 1942, Fermi directed the first controlled nuclear chain reaction. The experiment took place under a football stadium in Chicago.

What is nuclear power?

Nuclear energy is the energy in the core of an atom.



Regular opportunity for students to develop their own geographical opinions.



What can be done to save the Amazon Rainforest?

The Rainforest Foundation UK are a charity that protect rainforests. Some people are: you could hold sponsored events like a football match or a three-legged race. They are also protecting acres of rainforest and are also protesting against deforestation. My opinion is that a sponsored event is the best method to help because anyone can do it no matter what condition you have. To help, you could spread the word and encourage others to help.