



Sacred Heart Primary School

Year 5 Geography Curriculum Theme Plan



Rationale: Natural resources, sourced responsibly, are a wonderful doorway into the world of sustainability. Teaching children about how to source these objects, take care of them and then return them to nature once used is a powerful lesson all of us need to learn as we try to become sustainable world citizens. Living things depend on natural resources to survive. People need water to drink, air to breathe and wood or metal to build a shelter. We also need to power our cars and heat our homes. This unit builds upon the children's prior knowledge from their work on 'Raging Rivers' and 'Rocks and Soils' in Year 4.

Pre-unit task: What do we already know about Natural resources?

Attention Grabber: Climate Change [BBC Teach Film](#)

Learning Objectives:

- KS2 - describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water
- KS2 - use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied

Overview:

Lesson One

Can children describe some natural resources and land uses in Britain? Can children explain what 'abundant' natural resources are? Can children discuss some problems associated with the use of natural resources which are not abundant?

Lesson Two

Do children understand that some natural resources are burned to produce electricity? Can children describe some problems associated with burning natural resources to produce

electricity? Can children explain how, in simple terms, energy is produced, then distributed via the National Grid?

Lesson Three

Can children name some clean and renewable natural resources and describe how they are used to produce electricity? Do children know some advantages and disadvantages of renewable energy sources?

Lesson Four

Do children know of some major wood-producing countries? Can children describe some uses of wood and name some wood products? Can children give some reasons why some wood products are imported and exported?

Lesson Five

Can children explain how iron ore is extracted to produce steel? Can children describe the process of steel production, from ore extraction to its final uses? Can children use a variety of methods to present their findings about the ways a natural resource is used and traded?

Lesson Six

Do children know the principal natural resources used in the production of glass and concrete? Can children explain some of the benefits and drawbacks of exploiting natural resources?

Lesson Seven

Can children distinguish between uses of natural resources, e.g. food, energy, construction or manufacturing? Can children present their ideas about natural resources in an organised, meaningful way? Can children ask questions to extend their learning about natural resources?

SMSVC Links

Writing Prayers about caring for God's world

Environment/Recycling Project (The Big Battery Hunt)

Cross Curricular Links

Science: recycling

Art re use and recycle crafts



Opportunities for enrichment:

Talk/Visit from Henley-on-Thames
Climate Emergency 2030 Working Group

Enquiry Questions (Assessment)

What are the pros and cons of renewable energy?
Are natural resources found all around the world?
Could our school be more sustainable?