

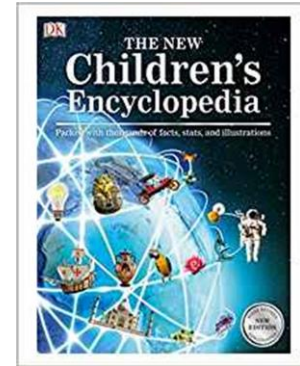
# Geography – Year 5 – Spring – Natural resources

Vocabulary	Meaning
<b>abundant</b>	Existent or available in large quantities.
<b>coal</b>	Combustible black or dark brown rock consisting chiefly of carbonized plant matter, found mainly in underground seams and used as fuel.
<b>construction</b>	The action of building something, typically a large structure.
<b>extracted</b>	Remove or take out, especially by effort or force.
<b>import and export</b>	Bring or send out goods or services.
<b>manufacturing</b>	The making of articles on a large scale using machinery.
<b>natural resource</b>	materials or substances occurring in nature which can be exploited for economic gain.
<b>national grid</b>	the network of high-voltage power lines between major power stations.
<b>renewable energy</b>	energy from a source that is not depleted when used, such as wind or solar power.

## Skills

- Children describe some natural resources and land uses in Britain.
- Use a variety of methods to present findings on the ways a natural resource is used & traded.

## Books



## Knowledge

**By the end of this topic you will learn:**

- Children can understand that some natural resources are burned to produce electricity.
- Children can explain what 'abundant' natural resources are.
- Children can describe some problems associated with burning natural resources to produce electricity
- Children can name some clean and renewable natural resources and describe how they are used to produce electricity.
- Children can debate the pros and cons of renewable energy sources.



## **What I should be able to do and know now.**

### **Knowledge**

- To know there are 7 continents; Europe, Asia, Australia, North America, South America, Africa and Antarctica and where they are on a world map.
- Be able to name which continent the countries; China, Spain, France, USA, Egypt and Brazil are in.
- Be able to use geographical vocabulary to describe human and physical features of countries and compare them for similarities and differences.

### **Skills**

- Use a 4-point compass to describe location (North, East, South, West).
- Find countries on a map.
- Create a map with a key using symbols.

## **Growth Mindset Strategies**

Understand the difference between a FIXED

mindset and a GROWTH mindset.

Be Curious; Be courageous.

Challenge yourself. Ask, 'What could I do differently next time?'

Give everything your best effort and persevere.

**Practice; Practice; Practice.**

## **What I will be learning**

To identify some of Britain's natural resources and explain how they are used.

To identify some ways in which natural resources are used to produce energy.

To identify clean and renewable natural resources used to produce electricity, and to discuss the pros and cons of their use.

To identify parts of the world where wood is produced, and consider some of the problems associated with its production.

To know where and how steel is produced.

To know where and how glass and concrete are produced in Britain using natural resources.

## **What I will know and be able to do at the end of the topic.**

### **Knowledge**

Natural resources are burned to produce electricity because ...

Natural resources are burned to produce electricity but ...

Natural resources are burned to produce electricity so ...

Concrete and glass are produced in the UK because ...

Concrete and glass are produced in the UK but ...

Concrete and glass are produced in the UK so ...

### **Skills**

- Name some natural resources from the UK and around the world.
- Present numerical data to help the reader to help with meaning.
- To understand the fundamentals of trade.