

Marine Academy Primary, Trevithick Road, St. Budeaux, Plymouth PL5 2AF

T: 01752 213939 W: <http://www.marineacademy.org.uk/primary/>

E: primary@marineacademy.org.uk

Tuesday 2nd June 2026

Dear Parents/Carers of Marine Academy Primary **Year 4** pupils,

This term, Year 4 will be learning about **Natural Resources** in their **Geography** lessons. They will find answers to the following questions before using their knowledge to produce an end of unit piece:

1. What are natural resources?
2. Where are the world's natural resources?
3. What natural resources does Chile have?
4. What natural resources does the South West have?
5. How does resource exploitation cause problems?
6. How can we preserve the world's natural resources?



A natural resource is found in nature and can be used by people. Earth's natural resources include light, air, water, plants, animals, soil, stone, minerals and fossil fuels. Many natural resources, including water and light, are used to help living things stay alive. Every place on Earth has its own unique group of natural resources. For example, Chile exports timber and copper, whilst Devon and Cornwall provide tin, granite, slate and food resources from their agricultural landscapes.

A knowledge organiser sharing all of the information that the children will learn about in their Geography lessons is attached. Please feel free to use this with your child at home.

In **Science**, the children will be learning all about 'Anatomy'. They will learn about important organs, bones and the role of the digestive system. Also, they will study the function of various teeth.



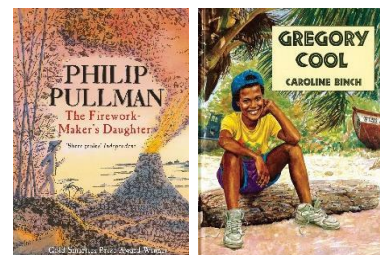
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In **English**, the children's writing will be based on the book 'Gregory Cool' by Caroline Binch and they will also be learning about persuasive writing through writing letters, while in their **Whole Class Reading** sessions, they will be studying 'The Firework-Maker's Daughter' by Philip Pullman.



In **Maths**, children will be learning how to: compare and classify geometric shapes based on their properties and sizes; identify acute and obtuse angles and compare and order angles; identify lines of symmetry in 2-D shapes presented in different orientations; describe positions on a 2-D grid as coordinates in the first quadrant; describe movements between positions as translations of a given unit to the left/right and up/down.

In **RE**, the children will explore the question 'How and why do people try to make the world a better place?', while in **SMSC** (Spiritual, Moral, Social and Cultural education), the children will learn about 'Growing and Changing'.



In **Music**, the children will create a piece of music on Xylophone that can also be notated and in **Design Technology**, they will be baking biscuits.

PE will be Rounders and the children can come to school wearing their PE kits on Thursdays.

If you ever have any questions about this learning, please email year4@marineacademy.org.uk. We are really looking forward to another great term ahead!

Yours Sincerely,

Mrs Louise Impey

Miss Chloe Whitby

Teacher

Teacher



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Knowledge Organiser - Natural Resources - Year 4



Vocabulary	Definition
Natural resources	Materials that exist in the natural environment that are useful to humans. Most natural resources are unevenly distributed and exhaustible.
Non-renewable	A material that will run out and not last forever.
Renewable	A material that will keep being generated, such as water and wood. (Renewable resources can become exhaustible without careful management).
Consumption	The action of using a resource.
Abundance	A large quantity of a material.
Scarcity	A short supply of a material.
Fossil fuels	Coal, oil and gas. These are formed from the remains of plants and animals, which are changed into fossil fuels by millions of years of heat and pressure. They are non-renewable.
Extraction	The removal of something, such as a natural resource.
Mining	The process of taking a natural resource out of the ground. It usually refers to the extraction of metals, stones and coal.
Population	The number of people living in a particular place.
Agriculture	The growing of crops and the rearing of animals to provide food, wool, and other products.
Geology	The study of rocks and other natural substances that make up the Earth's surface.
Conservation	Prevention of the wasteful use of a resource.
Pollution	Harmful materials released into the environment.

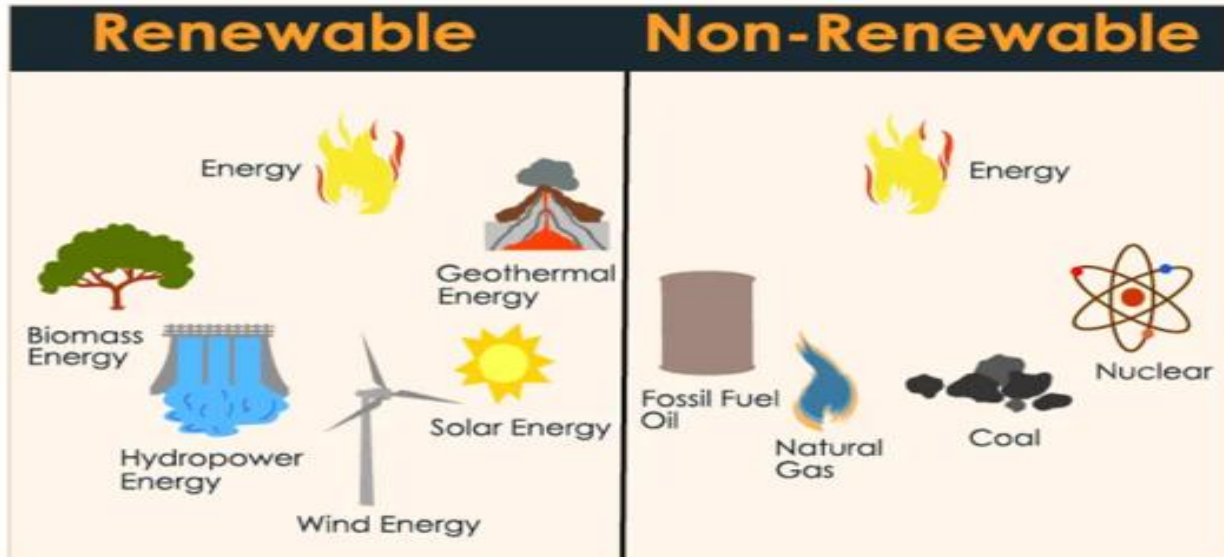


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Knowledge Organiser - Natural Resources - Year 4



Coal



Oil



Gas





the
university
school

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