

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

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

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Tuesday 2nd June 2026

Dear Parents/Carers of Marine Academy Primary **Year 3** pupils,

This term, Year 3 will be learning about **Weather and the Water Cycle** in their **Geography** lessons. They will find answers to the following questions before using their knowledge to produce an end of unit piece at the end of the term:

1. Where is Earth's water?
2. What makes up the weather?
3. Why does it rain?
4. Why does the UK have wild weather?
5. What is the reason for the seasons?
6. Why is the world's weather changing?



The water cycle is the continuous journey water takes from the sea, to the sky, to the land and back to the sea. The movement of water around our planet is vital to life as it supports plants and animals. Powered by the Sun, the water cycle is happening all the time, though some parts of the cycle take hundreds of years.

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 about raw and synthetic materials. They will investigate the properties of various materials, such as glass and sand. Also, the children will discover how paper is made and what it means to live sustainably, including how recycling works.



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In **English**, the children's writing will be based on the books 'Flotsam' by David Wiesner and 'I am not a Label' by Cherie Burrell, and then in their **Whole Class Reading** sessions, they will be studying 'Iron Man' by Ted Hughes.



In **Maths**, children will learn how to: draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations and describe them; recognise angles as a property of shape or a description of a turn; identify right angles and identify whether other angles are greater or less than a right angle; recognise that two right angles make a half turn, three make three quarters of a turn and four a complete turn; interpret and present data using bar charts, pictograms and tables.

In **RE**, the children will explore the question 'For Christians, what was the impact of the Pentecost?', while in **SMSC** (Spiritual, Moral, Social and Cultural education), the children will learn about 'Growing and Changing'.

In **Music**, the children will learn to use glockenspiels to write and create their own piece of music, and in **Design Technology**, they will be creating a healthy seasonal tart. In **Spanish**, they will be learning new words and how to recognise the main word classes, such as nouns, adjectives and verbs,

This term, PE will take place on Wednesday – children should wear their PE kit to school on this day please.

Yours sincerely,

Miss Autumn Widdison

Ms Livv Godbeer

Teacher

Teacher



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Knowledge Organiser – Weather and the Water Cycle - Year 3

Vocabulary	Definition
Weather	The daily variations in temperature, precipitation, cloud, wind and sunshine.
Climate	The long-term patterns of weather in a particular place.
Atmosphere	Water changes from a liquid to a gas and returns to the atmosphere as water vapour.
Evaporation	Water changes from a liquid to a gas and returns to the atmosphere as water vapour.
Transpiration	Plants change water from liquid to gas and release it back into the atmosphere as water vapour.
Condensation	Water changes from a gas to a liquid by forming droplets when the water vapour cools down. This process forms clouds.
Precipitation	Water falls from the clouds in the form of rain, sleet, snow or hail.
Surface runoff	Water that flows along the surface of the Earth. It eventually joins a river or infiltrates into the earth.
Groundwater	Water that is underground and not on the surface.
Ocean	A very large area of sea. There are usually considered to be five main oceans (Pacific, Atlantic, Indian, Southern and Arctic).
Lake	A large area of water that is surrounded by land.
Stream	A small river.
River	A channel of water that flows toward a lake, sea or ocean.
Infiltration	Water seeps into the ground and becomes groundwater.
Temperature	How hot or cold a place or substance is.
Air mass	An air mass is an area of air, that brings a certain type of weather condition.

