

Year 5

Essential Knowledge

By the end of this unit children will:

To understand why oceans are important for trade.

To know that oceans provide food, leisure activities, jobs and medicines.

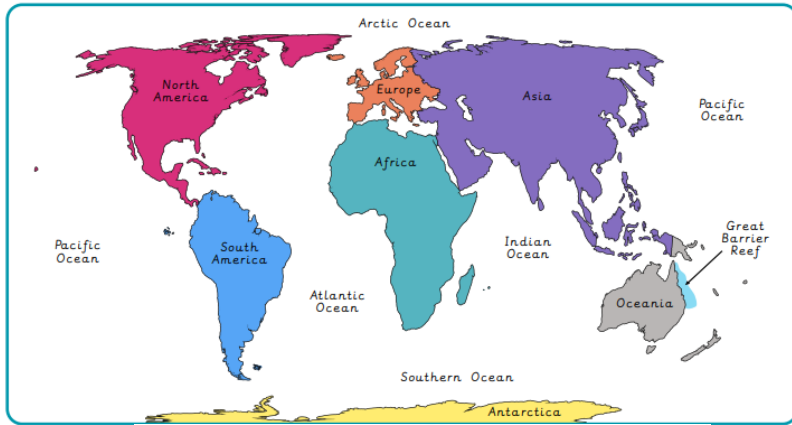
To know that oceans can absorb carbon dioxide and corals reefs act as a buffer for natural disasters.

To know that coral reefs are home to a quarter of our marine species.

To understand how the acts of humans are detrimentally affecting our oceans and coral reefs through chemical and plastic pollution, climate change and over fishing.

To be able to explain how humans can protect the oceans, coral reefs and marine species.

To be able to conduct fieldwork to observe, measure and record data in the local area using a range of methods.



Images courtesy of KAPOW

Sensational Start

Creative response

Extraordinary Extra

Adapting a recipe to be healthy and preparing it.

Fabulous Finish

Geography Field work

Key dates

Spellings; out on Monday, due on Friday

Homework: out on Tuesday, due on Monday

PE Days

Fiennes—Monday and Thursday

Peake—Monday and Tuesday

Byrd—Thursday and

Core Subjects:
Links to theme

The Tudors — Theme Content— National Curriculum links

English

Key Texts

Kensuke's Kingdom

Maths

Fractions

Decimals and percentages

Perimeter and Area

Science

Materials - We will investigate reversible and irreversible changes in materials through research and experimentation.

Foundation Subjects

Geography

Why do oceans matter?

We will be learning why oceans are important to both humans and marine species.

We will focus on how human actions are detrimentally affecting the oceans, coral reefs and marine species and what we can do to help to prevent this.

Computing

Programming music— we will investigate how music can be used to influence emotions and then use Scratch programming software to create a piece of music to accompany a short film.

RE

Inspirational people— We will explore why some people are inspirational and then go on to compare leaders from different religions, who have used their belief in living a good life, according to their religion, to inspire others.

Music

Blues— Children will be introduced to the Blues music and learn about its origin. They will then look at Blues chords and then learn how to play these chords themselves.

Art and Design Unit

Op Art— The children will learn about the origin of optical illusion art and some of its founding artists including Victor Vasarely. They will then produce their own piece of Op Art after practising some of the skills and Op Art techniques.

DT

What could be healthier?

The children will understand where their food comes from and animal welfare. They will then research developing a healthier spaghetti Bolognese recipe and go onto make it.

French

French speaking world— Pupils learn to give and follow directions in French and to use comparative language, which they practise as they explore different French speaking countries.

P.E.

Fitness

Team building

RSE and British Values

Healthy me

Mutual respect