

BRJS Year 5/6

Summer 1 Overview The Ocean



Maths

Yr 6 will be completing their work on algebra looking at formulae and equations before solving 1 and 2 step equations.



We will revisit angles by reminding ourselves how to measure, draw and classify acute, obtuse, right and reflex angles. Next, it is all about calculating missing angles in triangles, quadrilaterals and polygons. Identifying and measuring radius and diameter of circles completes this block along with plenty of problem solving and reasoning.

Our final block is all about the ratio symbol, and solving word problems related to this along with scale factors and drawings.

We will keep practising our arithmetic skills along the way !

Guided Reading

Washed up on an island in the Pacific, Michael struggles to survive on his own. With no food and no water, he curls up to die. When he wakes, there is a plate beside him of fish, of fruit, and a bowl of fresh water. He is not alone . . .



Dates

Year 6 SAT week Tuesday 9th– 12th May

Maths

Yr 5 will be focusing on measuring and classifying angles in shape and calculating angles. We will then move on to using co-ordinates, translation, symmetry and reflection.



Following this we will revisit some of the work we have done on decimals and extend this by calculating with decimals, using all 4 number operations.

We will continue to practice, recall and become very efficient with our arithmetic skills.

English

Plastic is really useful and we use it every day.

But what happens after we throw it away is causing a big problem for our planet.



It's thought more than five trillion pieces of plastic are in the world's oceans and it can take years for it to break down.

As part of our oceans theme, we will be writing a formal **persuasive argument** based on reducing our use of plastic.

We will be researching the current problem and offering sustainable solutions in our writing.

Science

We will be investigating all about Living things and their habitats . By the end of the unit we will know that:



- Living things / organisms can be grouped according to different **criteria**- eg **vertebrates**; **invertebrates**; **plants**
- **Classification keys** are a tool to group living things to help us identify them using recognizable **characteristics**.
- The Linnaean system, named after Carl Linnaeus, has different levels where the number of living things in each group gets smaller and smaller, until there will just be one type of animal in the **species** group.
- **Microorganisms** are very tiny **organisms** where a microscope has to be used to see them. Eg dust mites, bacteria and fungi, such as mould.
- Some **microorganisms** can be helpful in certain situations. Others can be harmful, and their spread needs to be controlled or contained.

History/ Geography

Our geography work will focus on the oceans. By the end of the unit we will have learned to:

- Name and describe the locations of the world's oceans
- Describe the characteristics of the oceans, thinking about the factors that impact on their ecosystems
- Name and describe the main features of different ocean layers, including the living things that exist in each layer
- Consider, explain and draw conclusions about the impact that environmental change is having on the oceans and their biodiversity. In addition, we will think about the positive change that humans can make to the health of our oceans.

PE

We will be developing our abilities in athletics, in preparation for sports' day.

We will also be trying out some cricket, delivered by our PE provider, Premier Sports.



RE/PSHE

In RE this term we will be focusing on the enquiry question: How do people's beliefs about God, the world and others have impact on their lives?

We will consider our own views as well as the views of 2 major world religions.

Our PSHE topic will be relationships, using the Jigsaw unit.

Design and Technology

As designers we will continue to design, make and evaluate a bird house of our own. They will be placed in our school gardens for our local wildlife to use as habitats.

Music

We will be using the Charanga unit 'Music and Me' to create our own songs that talk about ourselves and our identity.

We will be working on developing rhyme, rhythm and using technology to record our music.



Computing

We will be working on Spreadsheets, and building our own using Purple Mash.

