

# Milepost 3 Long Term Plan 2021-2022

## YEAR 5

### Term 1



#### Brainwave

Our brain is special because we can use it to learn lots of new and different things every day, enabling us to gain the knowledge, skills and understanding that we will need to become successful adults. By finding out more about how we learn, and how we can improve the way that we learn, we will be better equipped for meeting the many challenges ahead of us.



#### The Holiday Show

**The Big Idea:** We will be finding out about our responsibilities as tourists, and the impact that our choice of holiday and travel destination can have on the human and physical environment.

Within this unit the children will be learning through a range of subjects: Geography, History, Technology, Music, ICT and Computing and International.



#### Fascinating Forces (Science)

**The Big Idea:** Forces are pushing and pulling at everything in our Universe. Even as we sit in our classroom, the walls and the ceiling are pushing and pulling at each other, while gravity and friction hold us in our seats.

Within this unit the children will be learning through a range of subjects: Science, Technology and International.

### Term 2



#### The Great, the Bold and the Brave

**The Big Idea:** The history of western civilisation begins with the Greeks and the Romans. Their expanding empires helped to spread ideas about architecture, food, entertainment, literature, science, medicine and politics across the globe. As their empires ended, other cultures rose to prominence, absorbing and passing on their own ideas and cultures – creating the world we know today.

Within this unit, the children will be learning through a range of subjects: History, Music, Art and International.



#### Space Scientists (Science)

**The Big Idea:** In this unit, the children are future scientists who have to deal with the big questions concerning the Earth and our place in space. Some people now believe that the colonisation of space is essential for humanity's long-term survival. Could the Moon be a source of clean energy, and could Mars our be our future home?

Within this unit the children will be learning through a range of subjects: Science, Technology and International.

## Term 3



### Weather and Climate

**The Big Idea:** Differences in weather and climate affect our lives and our lifestyles.

We cannot control our weather and climate, but they can control us - influencing where we live, what we can do, what we wear, even what we eat! In this unit we will be finding out about the differences between weather and climate, and the important role they play in the lives of everyone on the planet.

Within this unit the children will be learning through a range of subjects : Geography, Science, Technology, ICT and Computing and International.



### Bake It!

**The Big Idea:** We are going to find out about science by making bread. The processes involved in

bread-making can teach us how molecules behave in different materials (solids, liquids and gases) and how these materials can be changed.

Within this unit the children will be learning through a range of subjects: Science, Technology and International

## YEAR 6

## Term 1



### Brainwave: The Brain Brainwave

Our brain is special because we can use it to learn lots of new and different things every day, enabling us to gain the knowledge, skills and understanding that we will need to become successful adults. By finding out more about how we learn, and how we can improve the way that we learn, we will be better equipped for meeting the many challenges ahead of us.



### AD900

**The Big Idea:** What holds an empire together? Perhaps it is faith – a belief in a single god or many different gods. Perhaps it is dependency – a need to work together and to help



### Existing, Endangered, Extinct

**The Big Idea:** From tiny tadpoles to giant squid, living things exist in an amazing variety of forms. Why is there so much variety and how do scientists sort, identify and classify the millions of species living today?

Within this unit, the children will be learning through a range of subjects: Science, Technology and International.



### Being Human(Science)

**The Big Idea:** Your body is designed to help you to breathe, move, eat, respond, reproduce and live. But how do the different parts of your body function and how are humans different from other animals? Within this unit the children will be learning through a range of subjects: Science, Technology and International.

one another. Or perhaps it is leadership – strong individuals whose power and wisdom are admired. These bonds help to make empires strong. But the bigger they become, the more difficult they are to hold together...

Within this unit the children will be learning through a range of subjects: History, Art, Music and International.

## Term 2



### Earth as an Island

**The Big Idea:** Islands used to be isolated places, with unique cultures, geographical features and ecosystems. In today's increasingly-interdependent global community, even the most remote of islands are being ever-more affected by human existence. Explore the impact of humans on islands.

Within this unit the children will be learning through a range of subjects: Geography, Art, International, Music, PE and Technology.



### Out of Africa (Science)

**The Big Idea:** First there was the big bang! Then life began on Earth 3.8 billion years ago. But when did humans arrive and where did we come from? If we can find out the answer to these questions perhaps we can figure out where we are heading in the future...

Within this unit the children will be learning through a range of units: Science, Technology and International.

## Term 3



### Going Global

**The Big Idea:** At a time when transport and communication can connect the world in more ways than ever before, what we buy and what we consume can have a profound impact on the lives and societies of people around the world. To be a global citizen is to become a part of something bigger than ourselves. Each of us has a responsibility to the communities of which we are a part – to respect each other's cultures and needs, to support one another and ensure that we work together locally, nationally and globally.

Within this unit, the children will be learning through a range of subjects:

Geography, History, Society,  
Technology and International.



### Full Power (Science)

**The Big Idea:** Electricity is one of the most important discoveries ever made and we have learned how to use it to power almost every aspect of our lives. But who discovered electricity and how does it work?

Within this unit the children will be learning through a range of subjects: Science, Technology, History and International.



### Look Hear (Science)

**The Big Idea:** Whether we are driving around in our cars, working, or relaxing at home, we are turning on lights, music, TV, radio, computers and mobile phones. We are plugged in to sound and light 24 hours a day. But what is the science behind sound and light?

Within this unit, the children will be learning through a range of subjects: Science, Technology, Music and International.