

Term 1



Brainwave: The Brain

3 weeks

Health and well-being, International

We will be learning about the brain and neuroeducational research, connecting the science of the brain to the art of learning. We will be exploring ways in which we can use our brains 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. We will need to be metacognitive learners, scientists and internationally minded. How can we use our knowledge of the brain to help us improve our own learning?



The Holiday Show

6 weeks

Geography, History, Design, Technology and Innovation, ICT and Computing, International

We will be learning about our responsibilities as tourists, and the impact that our choice of holiday and travel destination can have on the human and physical environment. We will need to be geographers to compare and contrast countries as tourist destinations. What are the positive and negative impacts of tourism on different places in the world?



Fascinating Forces! (Science)

3 weeks

Science, Technology, International

We will be learning about forces and how for every action there is an equal and opposite reaction, this is what keeps an object floating on water (buoyancy) or up in the air. We will need to be scientists to investigate how surface area affects air resistance acting upon an object. We will learn the difference between mass and weight and about comparing density. We will also need to be innovators to plan and make our own powered boat using our scientific and technical knowledge. Without forces, swimmers can't swim smoothly in the pool and planes can't fly! Can we see forces? Or should we say, can we see and feel the effect of forces?

Term 2



The Great, The Bold and The Brave

9 weeks

History, International, Art, Music

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.

We will need to be historians, geographers, musicians, and artists to investigate and develop our understanding of different historical civilisations and their impact on our world.

What were some of the biggest contributions of these civilisations? How do their legacies impact upon the world we live in today?



Space Scientists (Science)

6 weeks

Geography, Science, International, History, Technology, Art

We will be learning about Earth, the planet we all call home: its relationship with the Sun and Moon; what it is made of, and how our understanding of the solar system has changed over time. Is earth the best planet for human survival? Why? We will be scientists, historians, designers and artists to understand more about the planet where we live. What do you think makes our planet special?

Term 3



Weather and Climate

9 weeks

Geography, Design, Technology and Innovation, Health & Wellbeing, ICT and Computing, International

Differences in weather and climate affect our lives and our lifestyles. We cannot control our weather and climate, but they can influence 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.

We will need to be special kinds of scientists called climatologists and meteorologists. We will look to the future and recent past to find out how climate change is affecting the weather, and why.



Bake it! (Science)

3 weeks

Science, Technology, International

We will be learning about how different materials can be changed, combined and separated through the baking of bread. We will need to be scientists as we examine the ingredients and processes used to create bread, working on our investigative skills to ensure our analysis is reliable. Are you ready to find out how much everyday science goes on in our kitchens?

YEAR 6

Term 1



Brainwave: Metacognition

3 weeks

Health and Well-being, International

Hopefully you remember learning about the brain, if not then this unit might help! This unit is all about metacognition, learning about learning. We are going to find out how we can help our brain and memory work harder to help us learn. This will help us with all our future learning and make us even better learners!



900 CE

6 weeks

History, International, Art, Music

We will be learning that at 900 CE different ancient civilizations were rising and declining across the world. We will study the ancient Mayan civilization, the Kingdom of Benin and the rise of the Islamic empire. We will need to be historians and use artefacts and historical sources to make observations about the life cycle of civilizations and the legacies they leave us. What happens when empires grow? What causes change and decline? What have we learnt from these past civilisations?



Full Power (Science)

3 weeks

Science, Technology, History, International, Health and Well-being

Electricity is one of the most important discoveries ever made and we have learnt how to use it to power almost every aspect of our lives. But who discovered electricity and how does it work? As scientists, we will investigate how electricity flows in different circuits, different materials that make good electrical conductors and insulators, explore new inventions that use renewable energy to generate electricity and how to be safe around electricity.



Look Hear! (Science)

3 weeks

Science, Technology, International

We will be learning about how sound and light works - whether we are driving around in our cars, working or relaxing at home, turning on lamps, music, TV, radio, computers and mobile phones. We are plugged in to sound and light during our waking hours. But what allows us to hear and see? We will need to be scientists and technologists to find out all about sound and light!!

Term 2



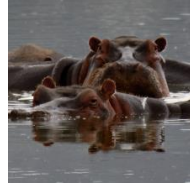
Being a Historian

6 weeks

History, Geography, Art, International, Health and Wellbeing

We will be learning about chronology and its importance when studying history because it helps us to understand the reasons why things have happened and how the present is influenced by the past. We will also be exploring the perspectives of different people during historically significant moments and how changes to our world can affect people in many different ways.

Throughout this unit, we will need to be historians; will practise and develop the skills that historians use to understand events from the past. What skills do you think a historian needs? Will these skills change in the future when today becomes history?



Existing...endangered...extinct? (Science)

6 weeks

Geography, Science, International, Computing, Technology

Our planet is teeming with different species of living things that thrive and survive all over the world, some in extreme environments. In this unit we will learn more about how we classify animals, how living things are adapted to their environments and how all living things are interdependent. As part of the web of life, humans also have an important role to play. How is human behaviour threatening the survival of many species? Can we preserve the biodiversity of our planet?

Term 3



Going Global

6 weeks

Geography, History, International, Health and Well-being, Technology

We will be learning about how we are all connected through trade and how this impacts our everyday lives. We will look at products we consume and how they impact our local and global communities.

We will need to be geographers to understand where different products are manufactured and by whom. As historians we will understand the connection with historic trade routes and globalisation. What is a global citizen? Find out what your role as a global citizen is and how your actions impact the world around you.



Being Human (Science)

6 weeks

PE, Science, Health and Well-being, Art, International

We will be learning about the human body and how it works with a focus on taking care of one's physical and mental health. We will need to be scientists as we research into the inner workings of the human body. We will also learn to be responsible for our health and wellbeing by knowing how to take care of ourselves at different stages in our lives. How does knowing your body and its inner workings help you to understand the connections between human behaviour, the choices we make and our health?