

What is sound?

Key States of Being for this Enquiry

Being a Scientist

As Scientists, we will explore how sounds are made, associating some of them with vibrations. We will learn that vibrations from sounds travel through a medium to the ear. We will also investigate patterns between the pitch of a sound and features of the object that produced it and between the volume of a sound and the strength of the vibrations that produced it. We will also learn that sounds get fainter as the distance from the sound source increases.



Being a Musician

Through our unit this term, 'Writing music down' we will learn that pitch (high and low notes) and rhythm (long and short sounds) are represented by musical symbols on a staff. We will begin to learn to recognise and name these as we learn to sing and play a variety of songs. We will also listen to and appraise musical pieces helping us to answer the social question 'How does music bring us closer together'.



Being an Engineer (DT)

As Engineers, we will explore existing percussion instruments. We will then design and construct an instrument using a range of tools and adhesives.



Athlete

Our REAL PE lessons will focus on developing our footwork and static balances on one leg, which we will then put into practise through learning the skills needed to play Pop Lacrosse. We will also develop our resilience and ability to challenge ourselves through learning and practising new skills as athletes.



Being a Mathematician

We will be developing our understanding and use of place value to solve problems. Year 3 Mathematicians will be working with 3-digit numbers and Year 4 Mathematicians, with 4-digit numbers.



Being a Philosopher (RE)

Throughout term 1, we will be exploring the big question 'What can we learn from religions about deciding what is right and wrong?' We will begin by learning about the Golden Rule and how it is seen in Christianity, Humanism and Judaism. We will then explore the guidance for living from all three of these worldviews, examining how people might decide what is 'right' when making decisions. We will also consider what religious stories teach us about temptation.



Being an Author/Reader

Our first key text this term is the story 'Moonbird' by Joyce Dunbar. We will explore the text as readers and gain inspiration for our own writing. We will write letters and diary entries. Through our reading and writing, we will develop our use of sentence punctuation. Linked to our enquiry, we will then focus on non-fiction through the text 'Sounds All Around: The Science of How Sound Works' where we will write our own explanation texts and fact files linked to our enquiry learning.



Being an Engineer (Computing)

Our focus throughout term 1 will be 'Digital Literacy'. In this unit, we will be developing our understanding of how to use technology safely, respectfully and responsibly and we will learn to recognise acceptable and unacceptable behaviour. We will also learn how to report concerns about online content and contact.



Being a Philosopher (PSHE)

Term 1's unit is TEAM. We will learn about successful teamwork skills, being considerate of others in the team and how to positively resolve any conflicts. We will also learn about our individual responsibilities towards teams we work in and how new starts, such as starting a new school year, may feel and how we can support each other in this.