

What is sound?

Key States of Being This Term

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 also will learn that sounds get fainter as the distance from the sound source increases.



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.



Musician

As Musicians, we will listen with attention to detail and recall sounds. We will improvise and compose a soundscape using simple musical notation. Using the instruments that we design and construct as Engineers, we will perform for an audience, as our final challenge. Look out for an invitation to this performance later in the term.



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.



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.



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.



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'. We will also consider what religious stories show about temptation.



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.



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.