



Spring Term  
2022

# Year 5 Learning Journey



**Science:** During the spring term, we will be learning about Space and Forces. In our Space topic, we will be focussing our scientific skills on research and observation. We will be learning about the movement of the Moon relative to the Earth and the movement of the planets in relation to the Sun, how the Earth's rotation creates day and night and will be exploring the wider universe! We will learn about the famous scientists Ptolemy and Copernicus. In our forces topic, we will be focussing our scientific skills on comparative and fair testing and pattern seeking to investigate gravity, air and water resistance, levers, pulleys and gears. We will be looking at the famous scientists, Galileo Galilei and Isaac Newton.



**PE:**

This term, children will show off their skills in a series of fun Football lessons. In addition to this, they will be challenged to work with others in team-building activities and test their map-reading skills as part of a variety of OAA lessons. For their indoor lessons, children will explore skills needed in volleyball and badminton, as well as explore different ideas and emotions through dance.

**Music:** This term, we will be beginning to learn the ukulele. The children will learn four chords to start with, and will experiment with combining them to make patterns. We will play simple recognisable songs, and will focus on playing together as a whole class as well as in small groups.



**Computing:** We will learn about cryptography and messaging over the internet through the use of devices. Children will learn about how messages are sent and what encryption is.



**French:** We will focus on how to express our preferences for items such as food and drink. We will also learn about different types of housing and rooms in a house, building on our Year 3 knowledge. We will improve the accuracy of our sentence formation through new grammar knowledge of possessive articles. They will also continue to build on their French phonics knowledge.



**ART:** We will be taking inspiration from Tudor designs and buildings before developing our print making skills. We will use polystyrene sheeting to create relief prints before recreating the great artworks of designers from history and investigating how different materials can be used to print with.



**DT:** We will be learning the associated vocabulary and then basic skills, including measuring, cutting with saws to make bridges next term. We will also look at designs to understand manufacturing techniques while taking inspiration from great designers, the internet, communication, and collaboration.

**RE:** We will be learning about the sacred text of the Torah, how it is valued and how Jewish people live following the teachings from the Torah. We will learn about different stories from the Torah and the messages behind them.

**PSHE:** In PSHE this term, we will be focusing our learning on living in the wider world. Children will begin their learning with looking at how they can contribute to the world as global citizens. We will also be looking at stereotypes both in our community and globally. The children will also be looking at how to improve sustainable living and make contributions even at school.