



**Oak Class  
Years 5 and 6  
Spring Term 2022**

**Topic Focus: Science**

As part of the 'Mad Scientists' topic, we will be investigating living things. We will classify living things, explore gestation periods and learn about the life cycles of a range of animals, including humans. The final unit will focus on forces, where we will learn about gravity, friction, gears, levers and pulleys. Throughout the units, we will develop a range of scientific skills, including: predicting, planning an investigation, identifying variables, carrying out investigations, presenting results, drawing graphs and writing conclusions. We are looking forward to taking part in Science Week too.

**English:**

In our English lessons, we will be exploring how to write persuasive letters. We will then use our understanding from our Science lessons to write an explanation text about the life cycle of an animal. After half-term, we will be immersing ourselves in suspense and mystery stories. We will learn how to build tension by using descriptive language and short, snappy sentences.

**Mad Scientists**



**Mathematics:**

Our main unit this term is fractions. Within this, we will be finding equivalences and comparing and ordering them. We will then explore how to add, subtract, multiply and divide fractions. Finally, we will explore how fractions connect to percentages and decimals. We will then move on to learning how to round numbers, including decimals.

**Religious Education:**

This term, we will be exploring the question: 'Are you inspired?' We will learn about Pentecost, the Holy Spirit and inspirational figures.

**PSHCE:**

For PSHCE, we will first look at ways of keeping ourselves safe in a range of situations and then we will explore our rights and responsibilities.

**Physical Education:**

With Jack, on Thursdays, we will be developing our hockey skills. In Term 3 on Fridays, we will partake in a dance unit themed around animals while, in Term 4, we will take part in Paralympic sports.

**Computing:**

Our unit for Term 3 is all about e-safety and creating PowerPoint presentations around this theme. In Term 4, we will further enhance our coding skills by making an animated story using Scratch.