

## Science

We will be exploring space in the first half term with a focus on the components of the solar system, their orbit and the effects of the movement of the Earth. We move on to identifying forces such as gravity, friction and air resistance. We'll investigate that more than one force can act on an object and how mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.



## English

We will begin by using 'The Write Stuff' approach to compose a detailed biographical account on the life of David Attenborough. Within this unit, we will develop our use of complex sentences, adverbial phrases and modal verbs as well as rehearse using inverted commas, colons and dashes and brackets for parenthesis. We will then apply the skills we've learnt to write further biographical recounts of people of interest based on research. Following this, we will use the text, *Cloud Tea Monkeys* to develop mood and atmosphere in our narrative writing.

## Maths

Our Maths learning this term will begin with multiplication and division of whole numbers before moving onto multiplying fractions. We will then move onto decimals and percentages, perimeter and area, and finally, statistics. We will also continue with weekly times table activities.

## French

We will be learning some popular hobbies and talking about music.

## Geography

Our Geography topic this term is 'Extreme Earth!'. We will begin by researching the hottest, coldest, driest and wettest regions of the world before studying extreme weather phenomena such as floods, storms and hurricanes and finally, earthquakes, tsunamis and volcanoes.

# YEAR 5

## Larch Class

### Spring Term

### Earth and Beyond

## P.E.

Our P.E lessons will cover gymnastics and invasion games, including sending, receiving, striking and travelling with a ball in a range of contexts.

P.E. will be on Mondays and Wednesdays. Indoor and outdoor P.E. kits will be needed in school throughout the week.

## Personal Development

Our Jigsaw topic this term is 'Dreams and Goals'. We will be identifying what we would like our lives to be like when we grow up and thinking about how we can set goals to achieve those dreams.

## Music

This term we will be listening to, singing and playing instruments to Bob Dylan's 'Make you feel my love'.

## Computing

We will be using 2Calculate (Purple Mash) to complete a Crash Course on Spreadsheets. After an introduction to spreadsheets, we will learn to use them to convert measurements, create line graphs and model real-life situations. We will also continue to learn about online safety and how to use the SMART rules as a source of guidance when online.

Home learning will include completing a weekly activity of your child's choice from the 'Take Your Pick' 20 point challenge. Spellings and times tables practice will also be completed weekly. Please encourage your child to read daily and sign their reading record.

If you have any questions please do not hesitate to get in touch.

## R.E.

In our R.E. lessons we will continue to learn about both the Christian and Jewish faiths. We will be focussing on celebrations related to key figures including, Purim, Passover and Easter.

## Art

Art this term will be linked to our 'Extreme Earth!' topic. We will investigate a range of materials to create different effects and we will respond to the work of the artists, Zaria Forman and Hokusai.