



## Year 5 Welcome back Pygmy Owls

Welcome back to the second half of our Spring term. We have been so impressed with how Year 5 have been completing their reading challenge and working towards those rewards- keep up the good work. This half term we have World Book Day to look forward to with the theme of 'once upon a time'. We would like to invite you into class on Thursday 16<sup>th</sup> March from 1:45 pm onwards to help the children with their unit on making a toy with a moving cam mechanism. We hope you can join us!

Mrs Whittaker and Mrs Wood

### **PSHE – In PSHE we will be learning about:**

- that some media and online content promote stereotypes
- how to assess which search results are more reliable than others
- to recognise unsafe or suspicious content online
  
- to identify jobs that they might like to do in the future
- about the role ambition can play in achieving a future career
- how or why someone might choose a certain career

We will also make links with our computing lessons and the need for safety online and the content we are presented with.

### **English:**

In English this half term we will be studying the novel 'Hugo Cabret' by Brian Selznick. We will follow the story of a young boy who lives in a busy train station in Paris. We will look at the character's actions and motives and his relationships with others. We will write our own version of the story focusing on the setting, character actions and building in our own invention and how it works. We will then focus on our non-fiction unit where we study leaflets. We will look at the different styles of leaflets and the various text types that are included. We will produce our own leaflet – a hybrid text that includes at least two/ three different text types.



### **Mathematics:**

In maths we will look at fractions and how to convert from mixed numbers to improper fractions. We will also learn how to add and subtract fractions. We will be focusing on angles and how to measure with a protractor. We will also be learning about rotation and translation of shapes in geometry. We will of course continue our work on applying different strategies and the four operations.

### Science:

In this half term we will be focusing on the unit of forces and friction. We will examine what friction is and when and how it is used. We will investigate the different types of forces around us such as air resistance, water resistance and gravity. We will conduct experiments and investigations into these themes and develop our technical vocabulary and deepen our understanding of the terms as well as develop our ability to fair test and write up our investigations. We will link it to our D.T by looking at mechanisms and how things work.




### Computing:

In this unit from Kapow the children will learn about the automated motor vehicle, Mars Rover, exploring how and why the Mars Rover transfers data, understanding how messages can be sent using the binary code and experiencing how to; programme a Mars Rover, calculate binary addition and represent binary as text.

**Religious Education** This half term the children will be focusing on the Christian religion. They will look at how the stories about Jesus' life in the bible are a way of teaching those of a Christian religion.



**ART/DT-** We will be investigating toys that move, looking at CAMS and how they work. This will lead us into designing and developing our own moving toy with a cam mechanism

**Music:**  In Music we will: learn to sing a song with a theme of local history, learn a stepping pattern in a metre of four and in two groups, perform a movement pattern to identify the metre of a verse. We will also learn to conduct a metre of four.

**Physical Education-** This half term we will be focusing on the skills needed for cricket and working in small teams. We will also be map reading and learning the skill of orienteering.

**Modern Foreign Languages-** In Spanish we will continue to work on learning animals and sounds in Spanish with Miss Atwood -Jones. We have been very impressed with how well Year 5 have taken to the language.

**History:** This half term we will be Age of Islam and the round city of events, the importance of inventions lived.



finding out about the Golden Baghdad. We will learn the key from that time and how they

## THINGS TO REMEMBER

- **PE DAYS :** Year 5 have PE on a Wednesday and a Friday
- **Home Learning:** This will be given out on a Friday and should be returned by Thursday. We will continue to focus on times tables and spellings.
- **Reading:** Your child should read and discuss their reading book **at least 3x a week for 5-10 minutes.** This will help them to improve their fluency and comprehension skills. This will also help them to improve their writing skills.