

## Year 5/6: Autumn 1

### Writing

Writing this half term will be linked to our Science topic about space. Our first Writing unit is based on the animated short film, 'One Small Step' by TAIKO Studios. The video follows the story of a young girl who, from a very young age, dreams of reaching the stars. For the outcome of this unit, the children will write a 3<sup>rd</sup> person story. Later on in the half term, we will focus on the non-fiction text of a non-chronological reports. These will be a fantastic way for the children to show off all of their Expert subject knowledge from Science!



### Science

Science this half term will be out of this world! Within the topic, the children will learn all about the planets in our solar system, including their distances from the sun and their paths of orbit. They will also look, in depth, at phases of the moon and will look towards explaining how day and night happen.

### PSHE

One of our greatest priorities this half term is to support children in coming back into school and feeling safe and well. We will be focusing on 'Rights and Responsibilities' and 'Keeping Safe' in PSHE. Children will learn about: what it means to be part of a community, human rights, how to assess risks, keeping themselves and others safe and staying safe online. Children's mental health will also be supported through self-esteem and growth mind set activities and through MyHappyMind sessions, where children will learn more about their emotions and how to regulate and manage them.

### History

This half term in History, we will be learning about Ancient Maya. At the beginning of the topic, the children will develop their Chronological understanding of History, plotting the main events of the Mayan period on a timeline. We will also look at Mayan settlements, agriculture and farming, roles and responsibilities within Maya society and their legacy and achievements. Children will be encouraged to think historically, ask questions and make inferences to become Expert Historians.

### Maths

Both Year 5 and 6 will begin their Maths topics with Place Value. Year 5s will explore numbers up to 1,000,000, whilst Year 6 will explore up to 10,000,000. This Maths unit will include looking at: partitioning numbers, numbers on a number line, comparing and ordering numbers, rounding to the nearest 10, 100 and 1,000. Year 6s will also cover negative numbers.

Both year groups will then explore the four operations, looking at addition, subtraction, multiplication and division. The children will have opportunity to explore new learning through concrete resources, before developing their confidence with pictorial and finally, abstract, formal written methods of calculations.

Alongside this, children will also continue to learn, practice and revise their times tables, number knowledge and mental maths, through weekly Arithmetic sessions.

99 Club sessions will also take place several times a week, to support fluency.

### Computing

Computing this half term is all about codebreaking and the history of computers. In an exciting new Computing unit, the children will decipher codes and learn about the importance of computers and codebreaking in history, as well as continuing to build their knowledge of staying safe online.

### PE

In PE this half term, all of Year 5 and 6 will develop their football skills, in sessions with the sports coaches. Additionally, Rooftoppers class will take part in weekly swimming sessions, whilst Narnia and Mandel Forest explore Gymnastics.