

# Year 5 Half Termly Overview- Spring 1

Happy New Year!

We hope that you have all had a lovely time with your families over the holidays. Welcome to the Spring Term. Hopefully this newsletter will provide you with an overview of the learning for this half term. Please don't hesitate to speak with us if you have any questions or there is anything that we can help with.

Thank you for your continued support,

Mrs Green

## In Year 5...

Mrs Mackie will continue to teach the class all day Wednesday and also on Friday afternoons.

This half term we will have swimming on a **Wednesday morning and also a PE lesson on Tuesday afternoon**. Please ensure that your child brings the appropriate PE kit and swimming kit on these days.

## Homework

We were really pleased to see so many children completing their homework last half term. If you could please encourage this throughout the next half term too, that would be brilliant.

Homework activities will be set each Friday and it is expected that the children complete these by the following week. A spelling homework will be set each week. Maths homework will also be set. Sessions on TTRockStars are set on a weekly basis. As part of homework, we recommend reading. If you could please listen to your child reading and sign their record, that would be great. Thanks in advance.

## Maths

This half term we will be working on the following:

**Time:** We will be reading, writing and converting analogue and digital time. We will also be reading and interpreting timetables.

**Place Value:** We will be identifying, representing ordering and comparing numbers up to 3 decimal places. We will also be exploring negative numbers.

**Addition and Subtraction:** We will be re-visiting mental and written methods for addition and subtraction.

**Multiplication:** We will be revisiting factors and learning about prime numbers. We will then move onto multiplying two digit numbers by two digit number and three digit numbers by two digit numbers.

**Measures:** We will be dividing by 10, 100 and 1000 and using this to convert between units of measure.

## English

We will start the half term by completing the persuasive unit that we started before the Christmas holidays. Following this, our English unit will be focused on Science Fiction. Within this unit, we will be reading a series of short sci-fi stories and the children will be voting for which sci-fi story they would like as their class novel. Within the unit, we will also be using film clips. We will begin the unit by developing our reading skills. We will be developing reading fluency, exploring vocabulary and using evidence from the text. We will be participating in discussions about sci-fi stories, discussing the plot, setting and characters. We will also be applying the grammar skills that we have been working on when completing short writing activities, such as writing a description of ET. We will also be learning a sci-fi build up off-by-heart and unpicking what makes an effective build up. We will then have a go at writing our own sci-fi build up based on a clip. Within this unit, we will also be exploring a selection of poetry. We will be developing our understanding of similes and metaphors and will be having a go at writing our own poetry linked to the sci-fi unit. Following this, we will be planning and writing our own sci-fi stories, applying the grammar skills that we have been working on.

Grammar skills focus:

- Expanded noun phrases
- Blending action and description
- Complex sentences with an –ed opener
- Complex sentence with a relative clause

## Spelling

Suffixes

Homophones

Words with endings sounding like /ʃən/, spelt –tion, –sion, –ssion, –cian

Spelling homework will be set on a weekly basis – please encourage your child to complete this.

**Art:** drawing and painting developed into abstract textured paintings.

In our art unit, the children will be exploring abstract painting and will create their own abstract paintings for imaginary planet surfaces. We will investigate abstract painters such as Jackson Pollock, Kandinsky and Jean Miro. We will research and examine existing images of planet surfaces and experiment with using a range of media.

**RE:** Hindu dharma. What might Hindus learn from stories about Krishna?

**Computing:** Computing this half term will be based on Mars Rover. The children will be working on the following key skills:

- Learning that external devices can be programmed by a separate computer.
- Recognising how the size of RAM affects the processing of data.
- Learning the vocabulary associated with data: data and transmit.
- Recognising that computers transfer data in binary and understanding simple binary addition.
- Relating binary signals (Boolean) to the simple character-based language, ASCII.
- Learning that messages can be sent by binary code, reading binary up to eight characters and carrying out binary calculations.
- Understanding how data is collected in remote or dangerous places.
- Understanding how data might be used to tell us about a location.
- Learn about different forms of communication that have developed with the use of technology.

**History** : The History unit this half term will be focused on the Mayans. We will be exploring who the Maya people were, when and where in the world they lived and the reasons why they were so successful, particularly in the Classic period. We will then move on to discovering how we know about the Maya people, their beliefs and the hierarchy system that was in place in society and the important inventions that they made, especially in farming. We will then make a comparison between the Ancient Maya Civilisation and Anglo-Saxon Britain, with a focus on the similarities and differences between the Maya City States and the Anglo-Saxon Kingdoms; drawing on the archaeological evidence available to us.

**PSHE**: Living in the wider world. Below is a brief overview of the content that will be covered during the Spring Term. Please see the separate PSHE overview document for a more detailed overview of the objectives that will be covered.

- Belonging to a community
- Media Literacy and Digital Resilience
- Money and work
- Religion and belief
- Race

**PE**: This half term we will go swimming every Wednesday morning and have a PE lesson on a Tuesday afternoon. In our Tuesday PE slot, we will be completing a gymnastics unit.

**Music**: The music unit this half term is based on 'Make you feel my love.' The children will be listening and appraising music, playing instruments, improvising and looking at composition and performing.

**Spanish**: Introducing a friend, school subjects and opinions.

**Science**: This half term Science will focus on Earth & Space. We will:

Describe the planets in the solar system.

Describe the Sun, Earth and Moon as approximately spherical bodies.

Describe the movement of the Earth and other planets relative to the Sun in the solar system.

Describe the movement of the Moon relative to the Earth.

Investigate the phases of the Moon.

Use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky.