

Year 5 Panthers & Tigers

Autumn 2 – Space



English

We will be using the Power of Reading book 'Curiosity, the Story of the Mars Rover' to inspire our writing.

The children will:

- learn about the real-life mission of the Mars rover through an engaging text
- write non-chronological reports using factual language and clear organisation
- create a narrative story, developing characters, setting and atmosphere
- continue to build their grammar skills, including higher-level punctuation, varied sentence structures and ambitious vocabulary.



Maths

This half term we will be focusing on:

- Multiplication and division (including up to 4-digit numbers)
- Using formal and informal methods to solve problems
- Identifying factors, multiples and prime numbers
- Fractions – adding and subtracting fractions with the same denominator and solving real-life problems.



Science Space

We will be exploring our solar system and beyond. The children will:

- describe the movement of the Earth, Moon and other planets
- understand day and night and the different seasons
- learn about the Sun, Moon and other planets
- explore the work of scientists and space exploration today.



History The Space Race

We will be learning about key events within living memory, focusing on the Space Race. The children will:

- find out why the Space Race happened
- learn about significant individuals such as Neil Armstrong and Yuri Gagarin
- explore key events including the first human in space and the first moon landing
- consider the impact of the Space Race on the modern world.



RE

The meaning of Christmas to Christians

We will explore the importance of Christmas in the Christian faith. The children will:

- learn about the Christmas story and its key messages
- consider how Christians use symbols, traditions and celebrations to show what Christmas means to them
- reflect on the values and beliefs behind these traditions.



DT

Designing and making a moving CAMS planet

We will design and create a model of a moving planet using a CAM mechanism. The children will:

- research and design their planet model
- make and evaluate a working CAM mechanism
- consider how to strengthen and improve their design.



Spanish

Consolidating greetings

We will build on our previous learning to consolidate and use a range of greetings. The children will:

- practise speaking and listening
- use simple conversational phrases
- begin to apply their knowledge in short dialogues.

¡Hola!

¿Cómo estás?

¡Bien, gracias!



RSE

My digital life

We will be thinking about how to stay safe, happy and responsible in the digital world. The children will:

- explore the opportunities and risks of being online
- learn how to make positive choices
- consider how to keep personal information safe
- discuss how to be a kind and respectful digital citizen.



Dates to Remember

Mon 2nd Nov – Fri 18th Dec	Autumn 2 Term Dates
Wed 4th & Thu 5th Nov	Parents' Evening
Thu 5th November	Flu Immunisation Team in School
Tue 24th November	Wonder Dome (in school)
Fri 4th December	PTA Christmas Fayre (3.30 – 5.30)



PE

PE days are Wednesday and Thursday.

Tigers will be swimming on Wednesday.



Please ensure children come to school in their PE kit on these days.



Reading at Home

We encourage all children to read at least 4 times a week at home. Reading regularly helps to build vocabulary, confidence and a love of reading.

Please log all reading on Class Dojo.



Spellings

We will continue to learn and practise weekly spellings in class.

- Weekly spelling lists will be posted on Class Dojo.
- Spelling test on Tuesday.

Spelling Shed is still available if you would like to use it at home.



TT Rock Stars

TT Rock Stars is still available for optional practice at home.



More information and any additional updates will be shared via Class Dojo.