

**RATIONALE:** In Year 4, the class took part in the fantastic RSA4 project that gave them the opportunity to think about their role in the future of our planet and the fact that they have a responsibility to look after the Earth for future generations. This term, we begin to build on that and consider what would happen if our planet continues to change. What else is out there? Is there a planet B that we could inhabit? Should we? We will become scientists and investigate the universe and try and uncover some of the secrets that it holds!

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### English

Throughout this term, we will be continuing to develop our use of vocabulary, sentence structures and understanding of writing for a variety of audiences through a range of writing genres inspired by our key texts, *Curiosity: The Story of a Mars Rover* by Markus Motum, *Wonder* by R.J Palacio and *Here We Are: Notes for Living on Planet Earth* by Oliver Jeffers.

**PSHE/Thrive** Pupils will learn: about the way we grow and change throughout the human lifecycle; about the physical changes associated with puberty; about the impact of puberty in physical hygiene and strategies for managing this; how puberty affects emotions and behaviour and strategies for dealing with the changes associated with puberty and strategies to deal with feelings in the context of relationships.

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### RE

Throughout this term, children will be continuing to investigate different aspects of Christianity. We will be looking the values that Jesus lived by and considering whether we can live by those values in the twenty-first century.

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### French

The children will continue to develop their French skills by building on their knowledge of numbers, colours, days and months. Children will also learn names of and describe animals. They will apply their knowledge in conversation with their peers.

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### Design Technology

As part of our work for the ESA and NASA, Year 5 will be challenged to design and build their own Mars rover. Children will need to find out about past designs, considering the pros and cons of the rovers, as well as thinking about what their new rover must be able to do and how they will incorporate this into their own build. Children will then be expected to present their design, describing how it works and explaining why their design will be the best rover yet.

## Year 5 – Spring Term

### Is there a planet B?



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### KASE

Our curriculum is designed to ensure the children build their knowledge whilst having opportunities to develop important attributes like teamwork and empathy. We plan for a clear progression of skills and provide a wealth of experiences to further their engagement and understanding. We therefore call this our KASE curriculum.

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### PE

Pupils will be considering how to be a team player through playing team sports. We will be developing ball skills, as well as continuing to develop our agility and fitness. We will also be learning about dances styles from around the world and develop our performance and composition skills through dance.

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### Science

Throughout this topic we will be studying Earth and space. As scientists, we will investigate the movement of the Earth and other planets in relation to the sun, as well as considering the movement of the moon in relation to the Earth. We will begin to use our developing knowledge of the universe to consider what the future may hold for Earth and what the future might look like for human beings!

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### Maths

This term we will be learning about place value through Roman Numerals and negative numbers. We will also be revisiting addition and subtraction and using rounding to check the accuracy of our answers, dividing numbers up to 4 digits by 1 digit, calculating the area of regular and irregular shapes, using our knowledge of shape and position to translate and reflect shapes and learn how to distinguish between regular and irregular polygons based on reasoning about equal sides and angles. Times tables will remain a focus and tables will be tested every Thursday.

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### Music

Year 5 musicians will develop their musical vocabulary in response to listening to 'The Planets' by Gustav Holst and other space themed music. We will also begin to learn the recorder and playing and composing our own ostinatos inspired by Holst.

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