



## Year 5: Spring 1 – Reach for the Stars

### Trip/ Visit

TBD - We are looking into this as we speak!

### **Big Bang Day – Tuesday 6<sup>th</sup> January**

On the 6<sup>th</sup> January, children will be designing and making their own re-entry systems testing the different features that would be needed for a space ship. They will be looking at different materials and thinking about their suitability, before creating and testing their re-entry system. Afterwards, children will evaluate the effectiveness of these systems and think about how they can be adapted for real life space craft.

English	Children will create their own short story building up tension about a space related event including a hidden hero. We will also work on persuasion and explanation writing by creating a job application.
Maths	This term we will be improving our multiplication and division skills and will apply them to use when working with fractions, decimals and percentages, before beginning to look at statistics.
Science	During this half term, the children will begin to learn about the Solar System. The children will become familiar with the planets in the Solar System and the scientific studies completed by Copernicus and Galileo.
History	This term we will focus on the history of flight and how it has evolved to be able to take us into space.
Art/DT	Children will be building on their digital skills they started to explore in Year 3. They will build on their knowledge of pop art from their Year 3 painting topic and will focus on the artist David Hockney. They will use their knowledge of colour, tertiary colours to create their own digital piece of art
Music	We will learn how to perform in a group and alone using voices and instruments creatively incorporating expression and control.
Computing	This term we will learn how to use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content and the use of Artificial Intelligence.
RE and PD	We will learn in depth from different religious and spiritual ways of life about being a follower of the Muslim religion and how their beliefs influence their daily lives. In PD, we will continue to look at how we can be a good member of the community and keep safe every day.
PE	We will continue swimming each week and begin to learn orienteering skills; we will also be learning to play badminton.
Core Texts	