



# Are we all made of space dust?



## Literacy & Languages

**At school:**

- We will be reading two pieces of modern literature; The Jamie Drake Equation by Christopher Edge and Cosmic by Frank Cottrell Boyce.
- We will explore a piece of classic science-fiction literature by the author H.G. Wells.
- We will use similes, metaphors and the power of three to build tension and drama in our writing.
- We will begin to develop a distinct authorial voice that reflects the genre in which we are writing.
- We will explore how science fiction authors have predicted future technological innovations and social change.

**At home you can help by:**

- Helping your child practice Year 5 spelling lists
- Ensuring that your child reads for at least 10 minutes a day.

## Humanities

**At school:**

- We will describe and understand the key features of the space race and it's impact on the development of space tourism.
- We will develop a chronologically secure knowledge and understanding of the space race.
- We will investigate the animals who made the first journeys into space and how they are remembered today.

**At home you can help by:**

- Creating a written or iPad presentation on the space race.

## Stimulus

Explore the night sky, recent space discoveries, why Pluto is no longer a planet and how intergalactic space travel might change human exploration of the universe.

## Maths

**At school:**

- We will review how to read and write decimal numbers.
- We will interpret decimal numbers and begin to compare their values within a range.
- We will learn how to convert, add and subtract decimal numbers as well as round them to the nearest whole number.
- We will begin to explore percentages and build mathematical connections with fractions and decimal numbers.

**At home you can help by:**

- Encouraging your child to practice their times tables every day with Times Table Rock Star (TTRS)
- Supporting your child to use Mathletics to reinforce number skills.

## Healthy Living

**At school:**

- We will be learning about sport, dance, healthy lifestyles, wellbeing by taking part in physical education every day.
- We will be using our iPads to collaborate as a team, track progress in physical education, set personal targets and record achievement.

**At home you can help by:**

- Encouraging children to camp out and watch the changing stars in the night sky.

## Showcase

Hamilton class will be taking part in the Science Week showcase on Friday 29 March.

## Science & Technology

**At school:**

- We will explore the materials used to successfully achieve space flight and orbit.
- We will learn about space exploration, our solar system and the limits of the known universe.
- We will investigate the space race and it's impact on the development of two global superpowers
- We will use our understanding of the solar system to investigate the lunar cycle and star navigation.

**At home you can help by:**

- Encouraging your child to explore the night sky and use astronomical apps on their iPad to identify key constellations.
- Talking with your child about the moon landing or other significant events in the space flight.
- Trying to construct and design an eggcup moon lander.

## The Arts

**At school:**

- We will design our own alien races and decide whether extra-terrestrial visitors would be invaders or collaborators.
- We will be able to express our thoughts and opinions about different pieces of art.
- We will create a poster about the increasing debris and space garbage created by human exploration.

**At home you can help with activities like:**

- Researching how different alien races might survive on planet earth and how their planet may be similar or different.

## Wayfield WOW Moment

Hamilton class will visit Walderslade Girls' School to meet current students and watch a play performed by the YR13 class on Wednesday 27 February 2019.