



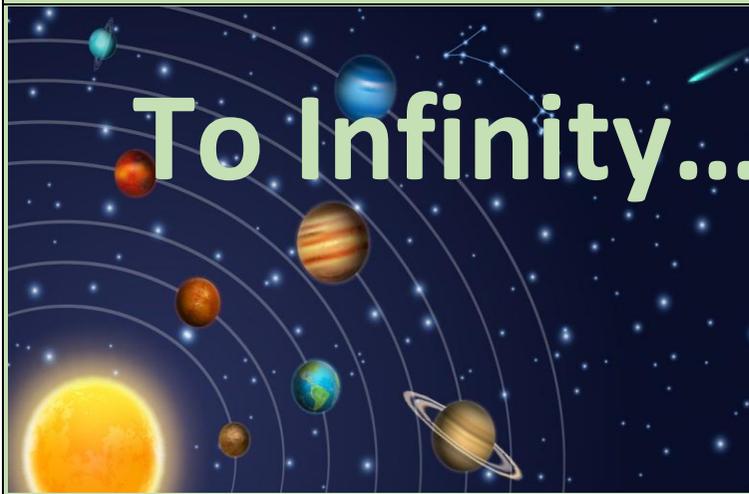
Year 5 Spring Term Topic Map 2021-2022

Science Focus

Key Skills & Areas of Learning:

Phase 1 – Earth & Space

Phase 2 – Forces



As scientists, we will be exploring our solar system, and how it has developed and changed over time. We will learn about how the movement of the Earth around the sun as well as the moon's orbit of Earth.

We will also be developing our knowledge of a variety of forces, including gravity, air resistance, water resistance and friction. We will explore how simple mechanisms can be used to make work easier.

As historians, we will be discovering how USA and USSR battled in 'The Space Race' and how Neil Armstrong became the first man to walk on the moon.

We'll also be exploring how the Victorians developed the railways in Britain in the 1800s. We will explore how transport has changed considerably in Bristol over time and how this has had a significant impact on the way that the community has changed and developed.

As artists, we will create our own planets and discover the printing styles of William Morris.

As designers, we will be designing and making our own moving toy, which we hope parents will be able to admire!

As musicians, we will be learning about Old School Hip-Hop.

In ICT, we will be using scratch to programme our own animations before exploring networks.

In PSHE, we will be focussing on our dreams and goals and ensuring we stay healthy, both physically and mentally.

Our Curriculum will be driven by:

Identity & Diversity	Curiosity	Life skills	Environment
<p>To explore our own identity and appreciate diversity, we will:</p> <ul style="list-style-type: none"> Examine why it is important to have our own dreams and goals, and discuss what we can do individually to make those dreams a reality. Explore how each planet's environment is radically different, and how the Earth's climate is ideal for human life. 	<p>To develop our intellectual curiosity, we will:</p> <ul style="list-style-type: none"> Investigate which forces play a part in our lives and explore how to use these forces to our advantage. Learn what it feels like for an astronaut to travel into space. 	<p>To learn new life skills and develop independence, we will:</p> <ul style="list-style-type: none"> Understand how levers, pulleys and gears assist in a range of day-to-day activities. Learn how different celestial bodies form our days, months, seasons and years. 	<p>To understand our environment, we will:</p> <ul style="list-style-type: none"> Learn about the role that Bristol and the surrounding areas played in the development of the railways. Discuss how people within a community can help each other to achieve their targets.