

## Saturn Class learning overview Autumn 2017

We will be starting the term with some super books that will lead us into science, discussions, reading, writing letters, biographies and stories and much more... The Moon Landing 3D pop-up The Sea of Tranquility & Great Explorers-Neil Armstrong and Christopher Columbus by

### Science

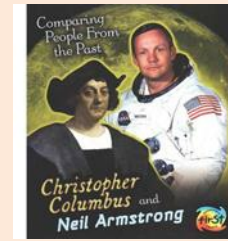
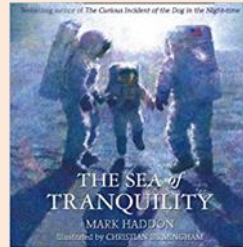
Researching using secondary sources

### Physics

Earth and space

### Chemistry







### English



We will learn to:

- Describe and explain the movement of the Earth and other planets relative to the Sun.
- Describe and explain the movement of the Moon relative to the Earth.
- Explain and demonstrate how night and day are created.
- Read, spell and pronounce scientific vocabulary accurately.
- Compare and group materials based on their properties (e.g. hardness, solubility, transparency, conductivity, [electrical & thermal], and response to magnets).
- Discuss reversible and irreversible changes in relation to space food.
- Give evidenced reasons why materials should be used for specific purposes in relation to heat shields on space rockets.
- Write explanations, letters, biographies, stories.



<p><b>Computing</b></p>	<p>We will learn more about:</p> <ul style="list-style-type: none"> <li>• How to stay safe using technology and media.</li> <li>• How to create a virtual model showing the planets of the solar system and the orbits of the planets around the sun-using Scratch Coding.</li> <li>• Combine sequences of instructions and procedures to turn devices on and off-illuminating bulbs on the shuttle control panel.</li> <li>• Edit a film.</li> </ul> <div style="display: flex; justify-content: space-around; align-items: center;">    </div>
<p><b>Art</b></p> 	<p>We will learn how to:</p> <ul style="list-style-type: none"> <li>• Identify and draw objects and use marks and lines to produce texture, mood and feeling.</li> <li>• Draw life-like, well proportioned portraits.</li> </ul>
<p><b>History</b></p> <p><b>History/PSHCE</b></p>	<p>We will learn to draw a timeline with different historical periods showing key historical events or lives of significant people-comparing the explorations of Neil Armstrong and Christopher Columbus.</p> <p>We will understand how democracy works based on the story of Guy Fawkes and the gunpowder plot. We will show this by creating a biography film of life of Guy Fawkes.</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>

## Music



Gustav Holst

We will learn more about how to:

- Discuss the work of a famous composer and explain my preferences. Holst-the planets
- Breathe in the correct place when singing.
- Maintain my part whilst others are performing their part.
- Sing in a round.
- Compose music which meets specific criteria. I can use notation to record groups of pitches (chords).
- Describe, compare and evaluate music using musical vocabulary.
- Suggest improvement to my own work and that of others.

## DT



We will be making mini-Christmas cakes and investigating recipes and will learn to:

- Produce a detailed, step-by-step plan. Writing instructions and evaluations.
- Suggest alternative plans; outlining the positive features and draw backs.
- Explain how a product will appeal to a specific audience and evaluate appearance and function against original criteria.
- Use a range of tools and equipment competently and make a prototype.
- Understand seasonal food, where it comes from and can cook with it.
- Bake.

## Maths



We will be mastering all our times tables and learning more about:

- Place value
- Problem solving strategies
- Roman numerals
- Addition and subtraction    Multiplication and division
- Statistics
- Perimeter and area