Class/Year: **Year 5**

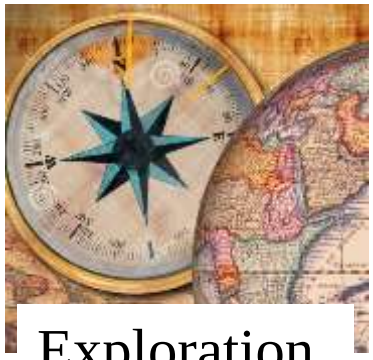
Title: Exploration

Start Date: 1st June 2020

Finish Date: 20th July 2020

Core Values:

- Learning to co-operate well with others and to resolve conflict effectively.
- Investigating and discussing moral issues and consequences of actions.
- Learning about the world around us and reflecting on our experiences.
- Understanding our cultural heritage and respecting our cultural diversity.



Exploration

Hook: Watch the film 'Fly Me to the Moon' to get the children excited about Space!

Rationale: We will be finding out about some of the greatest modern day explorers and their adventures. Through reading Ice Trap! Shackleton's Incredible Expedition, by Meredith Hooper and M.P Robertson, pupils will discover how difficult walking across the Antarctic Continent was and how triumph and adversity are fraction of a moment away from each other. Additionally, children will learn about the Moon landings from Neil Armstrong's viewpoint. In Science children will investigate Earth and Space- learning about the solar system and how the rotations of the moon and Earth explain day, night and years- and in Geography they will investigate hemispheres, latitude and longitude and other regions of our own planet.

Focus Area: ***English – Ice Trap! Shackleton's Incredible Expedition***

Both classes will read this thrilling account of Sir Ernest Shackleton's epic adventure in his ship Endurance. Pupils will discover how the exploration to the Southernmost continent almost ended in tragedy but how resilience, perseverance and team work kept them afloat. The children will write their own diary accounts from the point of view of the explorers and then use the skills they have learnt to write a diary about Neil Armstrong's moon landings.
Additionally they will creating their own anthologies of space poetry.

Supporting Focus Area: ***Science- Earth and Space***

Through research and investigations, pupils will learn and understand how to…

* describe the movement of the Earth, and other planets, relative to the Sun in the solar system
* describe the movement of the Moon relative to the Earth
* describe the Sun, Earth and Moon as approximately spherical bodies
* use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

Discrete Teaching Programmes:

Maths – Daily Maths lessons.

PSHE – Sexual Relationship Education
Science –reproduction of mammals
ICT - coding **RE-** days

Supporting Focus Area: Geography – Locational Knowledge

Pupils should be taught to identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Prime/Greenwich Meridian and time zones (including day and night), in accordance with the National Curriculum.

Homework Task: Choose an explorer (apart from Shackleton or Armstrong) - create a biography of their life including their successful and failed explorations. Consider the presentation of your project and bring it in to share with the class by Monday 13thJuly – if we are returned.