Topic: **Space**  **Autumn Term 2023** Class: **5R and 5M**

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| **English*** Explanation, instruction and recounts
* Science fiction stories
* Space poetry
* Chronological report
* Development of writing skills; spelling, complex sentences and accurate punctuation.
* Developing comprehension
 |  | **Maths*** Composition and calculation up to 1,000,000
* Rounding
* Negative numbers
* Equivalency and compensation
* Equivalency to calculate
* Decimals multiply and divide by whole numbers
* Multiplication 3 factors + volume
* Prime, square, composite numbers
 |  | **Science**Earth and Beyond* Study of Earth, moon and sun, the planets and solar system

Forces* What different forces are there? (Gravity, air resistance, water resistance, friction)
* How are forces measured?
* Mechanisms: Gears, pulleys and levers
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| **Geography** *(Not a specific focus this term)** Effect of moon upon the Earth
* Tilt of the Earth
* Identify the position and significance of latitude/longitude and the Greenwich Meridian. Linking with science, time zones, night and day
 |  | **Art & Design and Technology*** Collage- (focus artist van Gogh) creating their own interpretation of The Starry Night.

**Design and Technology*** Complex electrical circuits e.g. alarm systems
 |  | **Computing*** E-safety
* History of computing
* Vector drawing
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| **History** *(Not a specific focus this term)** History of space travel and astronomy
* Case studies of those involved in space exploration
* The future of space travel
 |  | **Music*** Learning songs and composing music that links to our topic: Space
 |  | **P.E.*** Football
* Rounders
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| **R.E.*** Why do some people believe God exists?
* What would Jesus do?
 |  | **PSHE*** Physical health and wellbeing in the media
* Identity, society and equality
 |  | **Spanish*** Mi Casa (My Home)
* Que Fecha Es Hoy? (What Is The Date?)
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