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?) |