

Into the Unknown
Space Medium Term Topic Plan – Year 5

Term	Autumn 1 (7 weeks)	Curriculum Strands	Diversity, Travel & Exploration, Geology, Diversity, Responsibility, Travel and Exploration.
Classroom Environment	Space board to celebrate children’s learning from school and home. Year group appropriate vocabulary. Range of topic books including different genres and text types.	Super Starter (Hook) & Education Visit/Visitor	Visit from an expert: Planetarium
Key Texts	Class read: The Kid who came from Space (AR level: 5.8) Hidden Figures by Margot Lee Shetterly and Winifred Conkling (AR level: 5.8) Selection of space poetry	End Product <i>(Assembly/Exhibition/ Showcase)</i>	Class assembly
English	Talk for Writing – Alien Landing Narrative – writing to entertain - 3 weeks Non-chronological report - designing and describing a planet – writing to inform – 3 weeks Poetry inspired by Cosmic Disco – writing to entertain – 1 week Expanded noun phrases Co-ordinating and Subordinating conjunctions Past simple/past continuous/past perfect & present simple/present continuous/present perfect		
Science	Earth and Space N.C. Obj. Describe the movement of the Earth, and other planets, relative to the Sun in the solar system. N.C. Obj. Describe the movement of the Moon relative to the Earth. N.C. Obj. Describe the Sun, Earth and Moon as approximately spherical bodies. N.C. Obj. Use the idea of the Earth’s rotation to explain day and night, and the apparent movement of the sun across the sky. <u>Working Scientifically</u> N.C. Obj. Planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary. N.C. Obj. Taking measurements, using a range of scientific equipment, with increasing accuracy and precision. N.C. Obj. Identifying scientific evidence that has been used to support or refute ideas or arguments.		
P.E.	Dance – Space Jam N.C. Obj. Develop flexibility, strength, technique, control and balance. N.C. Obj. Perform dances using a range of movement patterns. N.C. Obj. Compare their performances with previous ones and demonstrate improvement to achieve their personal best.		
History	<u>Space Exploration linking into Black History Month</u> (including space race and significant figures (Hidden Figures, Neil Armstrong, Buzz Aldrin and Mae Jameson and Tim Peake)). N.C. Obj. Pupils should be taught a study of an aspect or theme in British/Global history - space travel.		
Geography	<u>Earth in Space and Mapping the World</u> N.C. Obj. Identify position/significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, Tropics of Cancer and Capricorn, Arctic and Antarctic Circle, the Greenwich Meridian and time zones. N.C. Obj. Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied. N.C. Obj. Use the 8 points of a compass, 4 and 6-figure grid references, symbols and key (including the use of Ordnance Survey maps) to build their knowledge of the United Kingdom and the wider world.		
Art	<u>Artist: Peter Thorpe</u> Medium: paint. Skills: contrasting colours and application using different brushes/techniques. N.C. Obj. Pupils should be taught about great artists, architects and designers in history. <u>Observations of the Moon</u> Medium: pencil. Skills: sketching and shading. N.C. Obj. Pupils should be taught to improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials - shading/sketching using pencil/charcoal.		
D&T	<u>Eggnaughts</u> N.C. Obj. Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. N.C. Obj. Apply their understanding of how to strengthen, stiffen and reinforce more complex structures. N.C. Obj. Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.		
Music	<u>The Planets: Gustav Holst</u> N.C. Obj. Listen with attention to detail and recall sounds with increasing aural memory. N.C. Obj. Appreciate and understand a wide range of high-quality live and recorded music drawn from different traditions and from great composers and musicians.		