

Long Term Plan Stars Class Cycle A Year 5/6

| Subject | Autumn | | Spring | | Summer | |
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| Topics | Chocolate | Flight | America Grand canyon Geog | China | Inspirational people | Extreme Earth |
| Subject | | | | | | |
| Experience days/visitors/trips | Chocolate making day (Mrs Payandeh) | Aeropark East Midlands Airport | Wild West Dress up theme day American Food Panning for Gold | Visit from the Lindo's to talk about China. Chinese food making day. | Dress up as your Hero. Careers event | Make a volcano experiment. |
| Science | <p>compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets</p> <p>know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution</p> | <p>explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object</p> <p>Sc5/4.2b identify the effects of air resistance, water resistance and friction, that act between moving surfaces</p> <p>Sc5/4.2c recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect</p> | <p>describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird</p> <p>describe the life process of reproduction in some plants and animals.</p> | <p>describe the movement of the Earth, and other planets, relative to the Sun in the solar system</p> <p>Sc5/4.1b describe the movement of the Moon relative to the Earth</p> <p>Sc5/4.1c describe the Sun, Earth and Moon as approximately spherical bodies</p> <p>Sc5/4.1d use the idea of the Earth's rotation to explain day and night, and the apparent</p> | <p>describe the changes as humans develop to old age</p> | <p>Sc5/3.1d give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic</p> <p>Sc5/3.1e demonstrate that dissolving, mixing and changes of state are reversible changes.</p> <p>explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes</p> |

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| | Sc5/3.1c use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating | | | movement of the sun across the sky | | associated with burning and the action of acid on bicarbonate of soda |
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| <p align="center">Geography History</p> | <p>Non-European Study Mayan civilization</p> | <p>The History of Flight Steve Fosset Amelia Earhart</p> | <p>understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom and a region in North or South America</p> | <p>The Shang Dynasty of Ancient China</p> | <p>Recap Locational Knowledge of countries, capital cities, oceans and continents.</p> <p>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</p> <p>Ge2/1.4c use fieldwork to observe, measure, record and present the human and physical features in the local area using a range of methods, including sketch maps, plans and graphs, and digital technologies.</p> | <p>describe and understand key aspects of physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle</p> |
| <p align="center">D.T ART</p> | <p>Chocolate design and make</p> | <p>Candle powered Hot air balloon.</p> | <p>Building Bridges Plan B</p> | <p>Chinese Art</p> | <p>Gustav Klimpt</p> | <p>Sculpture</p> |

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| P.E | Athletics | Invasion 1 | HRF Dodgeball | Gymnastics | SWIMMING | |
| PHSE/RSE | What kind of Jobs would we like? What is meant by stereotypes? What it means to be enterprising, working. | | How can we stay healthy? | | Valuing difference. Caring Friendships. | |
| Music Year 5 and 6 are learning Glockenspiel | Glockenspiel | Famous Composers | Composition | Glockenspiel | History of music | Glockenspiel performance |
| English | Hamilton Trust | | | | | |
| Maths | White rose maths | | | | | |
| Phonics | No-nonsense spelling | | | | | |