CROSSGATES PRIMARY SCHOOL – SCIENCE LONG TERM PLAN

<table>
<tr><th></th><th colspan="2">Autumn</th><th colspan="2">Spring</th><th colspan="2">Summer</th><th>Blocks</th></tr>
<tr><td rowspan="2">Reception</td><td colspan="2">Light, Space, Electricity and Movement</td><td colspan="2">Objects and Materials
Boats – Link to DT
Link to DT Toys Automata</td><td colspan="2">Animals and Plants
Key person – David Attenborough
Trip – Use school's allotment
Link to Dt – soup</td><td rowspan="3">Block 1 (2 year Cycle)</td></tr>
<tr><td colspan="6">The Local Environment
Link to the planters outside</td></tr>
<tr><td rowspan="2">Year 1</td><td colspan="2">Human Body and Senses
Key person – Temple Grandin</td><td colspan="2">Naming and describing materials
Properties and uses of materials
Science Workshop (?)</td><td>Animals (Vertebrates)</td><td>Identifying Plants</td></tr>
<tr><td colspan="6">Seasons – Runs through Year
Link to Drawing Make Your Mark</td></tr>
<tr><td>Year 2/3 Cycle 1</td><td>Growing Up - Animals and Humans</td><td>Local habitats
Key Place: Field-trip to local woods/fields</td><td colspan="2">Living things and their habitats
Key person – Charles Henry Turner
Plants – Growing healthy plants, seeds and bulbs
Trip – Chester Zoo</td><td colspan="2">Choosing Materials
Changing Materials</td><td>Block 2 (2 year cycle)</td></tr>
<tr><td>Year 2/3 Cycle 2</td><td>Movement and Nutrition for the Human Body</td><td>Lights and shadows
Trip – Museum of Illusions Manchester
Key person – Thomas Edison</td><td>Forces, friction and magnets
Key person – Isaac Newton</td><td>Rocks, soils and fossils</td><td colspan="2">Flowering plants and plant growth
Flowering plants life cycles</td></tr>
<tr><td>Year 4/5 Cycle 1</td><td>Digestion and teeth
Food Chains
Key person – William Beaumont</td><td colspan="2">Sound
Link to DT – (electricity – circuits with buzzers)
Link to Music – musical instruments</td><td>Changes of state
Link to Geography Water Cycle</td><td>Classification plants and animals
Key person – Carl Linnaeus</td><td>Human impact on environment</td><td>Block 3 (2 year cycle)</td></tr>
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Year 4/5 Cycle 2	Properties and uses of materials	Separating, mixing and changing materials Science Workshop (?)	Forces and mechanisms Trip – The Industry of Science and Industry	Earth and Space Key person – Sally Ride, Tim Peake Dr. Maggie Aderin-Pocock Link to Art – I need Space	Human Growth	Plant and animal life cycles Trip – Use school's allotment	
Year 6	Body Health Link to DT – Come dine with me Link to RSHE Key person - Marie Maynard Daly James Lind		Human circulation Key Person – William Harvey	Light Key person- Albert Einstein	Electricity – Changing Circuits	Evolution and Inheritance Classification of living things Link to Cloning Technology – direwolf and wooly mice Link to English – Non Chronological Report – Imaginary Animal Key Person – Charles Darwin	Block 4 (1 year cycle)