# Science – End Points

| Year 5<br>End Points | | | | |
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| Living things and their habitats | Animals, including humans | Properties and changes of materials | Earth and Space | Forces |
| 1. I can describe the life cycle of a plant or animal.<br>2. I can explain how some animals change as they grow.<br>3. I can describe what happens during metamorphosis.<br>4. I can explain how flowering plants reproduce using pollination.<br>5. I can identify ways plants reproduce without seeds, such as runners and bulbs. | 1. I can describe how humans grow and change throughout their lives.<br>2. I can explain why babies need care from adults.<br>3. I can identify some changes that happen during puberty.<br>4. I can explain how people become more independent as they grow older.<br>5. I can describe the basic process of human | 1. I can explain why particular materials are used for different jobs.<br>2. I can compare materials using their properties.<br>3. I can identify soluble and insoluble materials.<br>4. I can separate mixtures using different methods.<br>5. I can explain whether a change is reversible or irreversible. | 1. I can describe the Sun, Earth and Moon in our solar system.<br>2. I can name the eight planets in order from the Sun.<br>3. I can explain that planets orbit the Sun.<br>4. I can explain how the Earth's rotation causes day and night.<br>5. I can describe how the Moon moves around the Earth. | 1. I can explain how forces affect movement.<br>2. I can describe the force of gravity.<br>3. I can explain why objects fall to the ground.<br>4. I can investigate the effects of friction, air resistance and water resistance.<br>5. I can identify levers, pulleys and gears and explain how they help us. |

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| | reproduction in an age-appropriate way. | | | |