



Hadfield Infant School - Medium Term Progression

Subject - Science	Term - Autumn 2
Curriculum Content	
Year 1 - British Wildlife	Year 2 - Time Travel
<p>Seasonal Changes</p> <p>-Observe changes across the four seasons.</p> <p>- Observe and describe weather associated with the seasons and how day length varies.</p> <ul style="list-style-type: none">• Can they observe changes across the four seasons?• Can they name the four seasons in order?• Can they observe and describe weather associated with the seasons?• Can they observe and describe how day length varies? <p>Y1 Challenge</p> <ul style="list-style-type: none">• Can they observe features in the environment and explain that these are related to a specific season?• Can they observe and talk about changes in the weather?• Can they talk about weather variation in different parts of the world? <p>Working scientifically</p> <ul style="list-style-type: none">• Can they use simple equipment to help them make observations?• Can they identify and classify things they observe?• Can they think of some questions to ask?• Can they answer some scientific questions?• Can they give a simple reason for their answers?• Can they explain what they have found out?• Can they record their findings using standard units?• Can they put some information in a chart or table?• Can they use ICT to show their working?• Can they make accurate measurements? <p>Animals, including humans</p> <p>-Identify and name a variety of British wildlife animals.</p>	<p>Everyday Materials</p> <ul style="list-style-type: none">• Identify and compare the uses of a variety of everyday materials, including wood, metal, plastic, brick, rock, glass, paper and cardboard for particular uses.• Recap - Can they describe the simple physical properties of a variety of everyday materials? Can they compare and group together a variety of materials based on their simple physical properties?• Can they find out about people who developed useful new materials? (e.g. John Dunlop, Charles Macintosh, John McAdam)• Can they identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper, cardboard for particular uses?• Can they explain how things move on different surfaces? <p>Y2 Challenge</p> <ul style="list-style-type: none">• Can they sort materials into groups and say why they have sorted them in that way? Can they describe the properties of different materials using words like, transparent or opaque, flexible, etc.?• Can they sort materials into groups and say why they have sorted them in that way?• Can they say which materials are natural and which are man-made? Can they explain how materials are changed by heating and cooling?• Can they tell which materials cannot be changed back after being heated, cooled, bent, stretched or twisted? <p>Working scientifically</p> <ul style="list-style-type: none">• Can they carry out a simple fair test?• Can they explain why it might not be fair to compare two things?• Can they say whether things happened as they expected?• Can they suggest how to find things out?• Can they use prompts to find things out?• Can they organise things into groups?• Can they find simple patterns (or associations)?• Can they use <text, diagrams, pictures, charts, tables> to record their observations?• Can they measure using <simple equipment>?• Can they use information from books and online information to find things out?

Vocabulary

Seasons, months, spring, summer, autumn, winter, day, night, weather, temperature, thermometer, observe, identify, similar, different, changes, Migration, animals, hibernation, dormant, survive,

Suitability, purpose, material, waterproof, absorbent, opaque, transparent, translucent, flexible, rigid, hard, soft, rough, smooth, brittle,