





Intent: To stimulate the natural curiosity, knowledge and understanding of all children about the world they live in.

| Key Skills: | | | |
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| Observing over time | Pattern Seeking | Identifying, classifying and grouping | Comparative and fair testing |
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| Disciplines | | |
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| Biology | Chemistry | Physics |
| <ul style="list-style-type: none"> Animals Including Humans Plants Living Things and Their Habitats Evolution and Inheritance | <ul style="list-style-type: none"> Materials Rocks and Fossils States of Matter | <ul style="list-style-type: none"> Earth and Space Forces and Magnets Light Sound Electricity |

| | Autumn | Spring | Summer |
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| Rec. | Autumn Spotters Walk – collecting/sorting/grouping/observing/describing Understanding the World – The Natural World Explore the natural world around them. Describe what they see, hear and feel whilst outside. Understand the effect of changing seasons on the natural world around them. | Winter and Spring Walks, Huff Puff Science, Melting Experiment Understanding the World – The Natural World Explore the natural world around them, making observations and drawing pictures of animals and plants; Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class; Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. | Summer Spotters Walk, Habitats – plants and animal, Forest School – bug hunting, Life Cycles, David Attenborough - fossils Understanding the World – The Natural World Explore the natural world around them, making observations and drawing pictures of animals and plants; Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class; Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. |
| Year 1 | Earth and Space (Physics) Primary skill: Observing over time Materials (Chemistry) Primary skill: Identifying, classifying and grouping | Earth and Space (Physics) Primary skill: Observing over time Animals Including Humans (Biology) Primary skill: Identifying, classifying and grouping | Earth and Space (Physics) Primary skill: Observing over time Plants (Biology) Primary skill: Identifying, classifying and grouping |

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| Year 2 | <u>Animals Including Humans (Biology)</u> Primary skill: Identifying, classifying and grouping | <u>Living Things and Their Habitats (Biology)</u> Primary skill: Identifying, classifying and grouping <u>Forces (Physics)</u> Primary skill: Comparative and fair testing | <u>Materials (Chemistry)</u> Primary skill: Comparative and fair testing <u>Plants (Biology)</u> Primary skill: Observing over time |
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| Year 3 | <u>Rocks and Fossils (Chemistry)</u> Primary skill: Identifying, classifying and grouping <u>Plants (Biology)</u> Primary skill: Observing over time | <u>Animals Including Humans (Biology)</u> Primary skill: Identifying, classifying and grouping | <u>Forces and Magnets (Physics)</u> Primary skill: Pattern seeking <u>Light (Physics)</u> Primary skill: Comparative and fair testing |
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| Year 4 | <u>States of Matter (Chemistry)</u> Primary skill: Observing over time <u>Sound (Physics)</u> Primary skill: Pattern Seeking | <u>Animals Including Humans (Biology)</u> Primary skill: Identifying, classifying and grouping | <u>Living Things and Their Habitats (Biology)</u> Primary skill: Identifying, classifying and grouping <u>Electricity (Physics)</u> Primary skill: Comparative and fair testing |
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| Year 5 | <u>Materials (Chemistry)</u> Primary skill: Identifying, classifying and grouping | <u>Forces and Magnets (Physics)</u> Primary skill: Comparative and fair testing <u>Earth and Space (Physics)</u> Primary skill: Observing over time | <u>Living Things and Their Habitats (Biology)</u> Primary skill: Pattern seeking <u>Animals Including Humans (Biology)</u> Primary skill: Observing over time |
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| Year 6 | <u>Living Things and Their Habitats (Biology)</u> Primary skill: Identifying, classifying and grouping <u>Evolution and Inheritance (Biology)</u> Primary Skill: Pattern seeking | <u>Electricity (Physics)</u> Primary skill: Comparative and fair testing <u>Light (Physics)</u> Primary skill: Comparative and fair testing | <u>Animals Including Humans (Biology)</u> Primary skill: Making links using secondary sources Secondary skill: Comparative and fair testing Revision of elements of the Key Stage Two Programme of study: <ul style="list-style-type: none"> • States of Matter (Chemistry) • Sound (Physics) • Rocks and Fossils (Chemistry) • Forces and Magnets (Physics) |
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