Autumn Rocks

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| National Curriculum Links |
| compare and group together different kinds of rocks on the basis of their appearance and simple physical propertiesdescribe in simple terms how fossils are formed when things that have lived are trapped within rockrecognise that soils are made from rocks and organic matter. |

Autumn Forces and Magnets

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| National Curriculum Links |
| compare how things move on different surfacesnotice that some forces need contact between two objects, but magnetic forces can act at a distanceobserve how magnets attract or repel each other and attract some materials and not otherscompare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materialsdescribe magnets as having two polespredict whether two magnets will attract or repel each other, depending on which poles are facing. |

Spring Light

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| National Curriculum Links |
| recognise that they need light in order to see things and that dark is the absence of lightnotice that light is reflected from surfacesrecognise that light from the sun can be dangerous and that there are ways to protect their eyesrecognise that shadows are formed when the light from a light source is blocked by a solid objectfind patterns in the way that the size of shadows change. |

Summer Animals Including Humans

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| National Curriculum Links |
| identify that animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eatidentify that humans and some other animals have skeletons and muscles for support, protection and movement. |

Summer Plants

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| National Curriculum Links |
| identify and describe the functions of different parts of flowering plants: roots, stem/trunk, leaves and flowersexplore the requirements of plants for life and growth (air, light, water, nutrients from soil, and room to grow) and how they vary from plant to plantinvestigate the way in which water is transported within plantsexplore the part that flowers play in the life cycle of flowering plants, including pollination, seed formation and seed dispersal. |