



DARE to Learn Curriculum
Science Skills Progression
Year 2 Spring A

Question to explore...	<i>What's growing in the forest?</i>
Scientific Coverage	
NC Coverage	<ul style="list-style-type: none"> Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other. Identify and name a variety of plants and animals in their habitats, including micro- habitats. Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food. Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy. Find out about and describe the basic needs of animals, including humans, for survival.
Observe closely and/or over time (sometimes using equipment)	<ul style="list-style-type: none"> In forest school explore which minibeasts can be found in our forest, out of the session research which birds are native to the UK, in particular those found in the South of England (big bird watch?). Compare this with bird found in the amazon rainforest.
Comparative and fair testing Ask simple questions and recognise they can be answered in different ways	<ul style="list-style-type: none"> Woodlouse habitat investigation – choice chamber, record results in different ways, written conclusions, video/audio or a diagram of preferred habitat. Extension: Chn could explain the ideal habitat for the woodlouse using scientific reasoning. Teachers to prepare two plants, one that has been daylight and the other grown in darkness. Chn predict and then look beyond the fact that the plant with daylight has grown better. Colouring (lack of nutrients), sturdy/fragile (looking for light), smell (without light plants rot).
Identifying and classifying	<ul style="list-style-type: none"> Plants found in our forest, plants in the rainforest. Group and classify, why? Differences, size, colour, time to grow, habitats for which animals? Identify different animals in our forest in comparison to the rainforest including fish, amphibians, reptiles, birds and mammals (YR 1 Revisit)
Pattern Seeking Gathering and recording data	
Researching using secondary sources	<ul style="list-style-type: none"> MARWELL TRIP: Research, what are the animals habitats like at the zoo? Is this like their natural habitat? Why are they in captivity? What are the basic needs for survival? How do we/animals get this from their habitats. Compare sea and land. Yew tree / blackbird analogy Construct simple food chains (one including humans and one that doesn't)
Key Scientific Vocabulary - discuss and remember and embed.	Herbivore, carnivore, omnivore, habitat, basic needs, shelter, protection, food source, depend, interdependent, captivity, food chain, producer, consumer, sustainable, predator, prey, micro-habitat, survival, natural instincts, field, hedgerow, pond, woodland, seashore, ocean, rainforest, Arctic, desert.



DILLIGENCE **A**SPIRATIONAL **R**ESILIENCE **E**NTHUSIASIM

