Science Curriculum – Cycle A

Key Stage 1 – Autumn 2

Theme – Living things and their habitats (Biology)
Enquiry Question – Where do living things live and why?

National Curriculum Coverage

Pupils should be taught to:
Explore and compare the differences between things that are living, dead, and things that have never been alive
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.

Key Scientists:	**Comparative Test** What are the similarities and differences between living and non-living things?	**Observation over time** How do habitats change over the seasons?	**Pattern Seeking** Which conditions do woodlice prefer to live in?	**Research** Who was Arthur Tansley?

Objective	Challenge	Working Scientifically	Vocabulary
• To decide whether something is living, dead or never been alive - To compare and classify things that are living, dead or never been alive. • To name a range of plants and animals in their habitats - Habitats animals and plants which are found in rainforest, ocean, deserts, forest, meadow - Micro-habitats animals and plants which are found in ponds, under stones, under logs, in trees • To know that living things live in habitats which are suited to them. - To match certain living things to the habitat in which they are found. • To describe how different habitats provide for the basic needs of plants and animals.	• To name some characteristics of an animal that help it to live in a particular habitat • To describe what animals need to survive and link this to their habitats **or own challenges*	See separate objectives sheet.	Living, dead, non-living, alive, never alive, habitats, micro habitats, natural environment, life processes, basic needs

• To know the life processes common to plants, animals, humans - MRS GREN (Movement, reproduction, sensitivity, nutrition, excretion, respiration and growth).			