Science KS1 End Points

Year A

	Topic	NC	National Curriculum	Our end points
Autumn 1	Everyday Materials	Y1	• Distinguish between an object and the material from which it is made. • Identify and name a variety of everyday materials including: wood, plastic, glass, water and rock. • Describe the simple physical properties of a variety of everyday materials. • Compare and group together a variety of everyday materials on the basis of their simple physical properties. • Distinguish between an object and the material from which it is made.	• I can distinguish between an object and the material it is made from. • I can explain the materials that an object is made from. • I can name wood, plastic, glass, metal, water and rock. • I can describe the properties of everyday materials. • I can compare and group objects based on the materials they are made from.
Autumn 2	Human Senses	Y1	• describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets) • Identify, name, draw and label the basic body parts of the human body and say which part of the body is associated with each sense.	• I can describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets). • I can name a variety of animals including fish, amphibians, reptiles birds and mammals. • I can name the parts of the human body that I can see. • I can link the correct part of the human body to each sense.
Spring	Seasonal Changes	Y1	• observe changes across the 4 seasons • observe and describe weather associated with the seasons and how day length varies	• I can observe and comment on changes in the seasons. • I can observe and describe weather associated with the seasons and how day length varies.

Summer 1	Human Survival	Y2	• notice that animals, including humans, have offspring which grow into adults • find out about and describe the basic needs of animals, including humans, for survival (water, food and air) • describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene	• I can explain the basic stages in a life cycle for animals, including humans. • I can describe what animals and humans need to survive. • I can describe why exercise, a balanced diet and good hygiene are important for humans.
Sum 2	Habitats	Y2	• 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 microhabitats • 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	I can identify things that are living, dead and never lived. I can describe how a specific habitat provides for the basic needs of things living there (plants and animals). I can identify and name some plants and animals in a range of habitats. I can match some living things to their habitat. I can identify and name different sources of food.

Year B

	Topic	NC	National Curriculum	Our end points
Autumn 1	Plant Parts	Y1	• identify and name a variety of common wild and garden plants, including deciduous and evergreen trees • identify and describe the basic structure of a variety of common flowering plants, including trees. •	• I can name a variety of common wild and garden plants including deciduous and evergreen trees. • I can name the petals, stem, leaf and root of a plant. • I can name the roots, trunk, branches and leaves of a tree.

Autumn 2	Animal Parts	Y1	• identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals • identify and name a variety of common animals that are carnivores, herbivores and omnivores.	• I can name some animals including fish, amphibians, reptiles birds and mammals. • I can classify and name animals by what they eat (carnivore, herbivore and omnivore). • I can sort animals into categories (including fish, amphibians, reptiles, birds and mammals).
Spring	Animal Survival	Y2	• notice that animals have offspring which grow into adults • find out about and describe the basic needs of animals for survival (water, food and air).	• I can explain the basic stages in a life cycle for animals. • I can describe what animals need to survive.
Sum 1	Uses of everyday materials	Y2	• identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses • find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.	• I can identify and name a range of materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard. • I can compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses. • I can explore how shapes can be changed by squashing, bending, twisting and stretching.
Sum 2	Plant Survival	Y2	• observe and describe how seeds and bulbs grow into mature plants • find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.	• I can describe how seeds and bulbs grow into plants. • I can describe what plants need in order to grow and stay healthy (water, light & suitable temperature).