

KS1 Knowledge – Science Y1 in Green, Y2 in Blue

Skills	Which year and topic are they covered in
<b>Plants</b>	
identify and name a variety of common wild and garden plants, including deciduous and evergreen trees	YA Spring 2 – Let’s Go to China YA Summer 1 – Heroes YB Summer 1 – Outstanding Safari’s
identify and describe the basic structure of a variety of common flowering plants, including trees.	YA Spring 2 – Let’s Go to China YB Summer 1 – Outstanding Safari’s
observe and describe how seeds and bulbs grow into mature plants	YA Spring 2 – Let’s Go to China YB Summer 1 – Outstanding Safari’s
find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.	YA Spring 2 – Let’s Go to China YA Summer 1 – Heroes YB Summer 1 – Outstanding Safari’s
<b>Animals, including humans</b>	
identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals	YA Autumn 1 – Around the World YB Autumn 1 – All About Me YB Summer 2 – Forever changing me
identify and name a variety of common animals that are carnivores, herbivores and omnivores	YA Autumn 1 – Around the World YB Autumn 1 – All About Me YB Summer 2 – Forever changing me
describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)	YA Autumn 1 – Around the World YB Autumn 1 – All About Me YB Summer 2 – Forever changing me
identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.	YA Autumn 1 – Around the World
notice that animals, including humans, have offspring which grow into adults	YB Summer 2 – Forever changing me
find out about and describe the basic needs of animals, including humans, for survival (water, food and air)	YA Autumn 1 – Around the World YB Autumn 1 – All About Me YB Summer 2 – Forever changing me YB Spring 2 – Castles
describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene	YB Autumn 1 – All About Me
<b>Everyday Materials</b>	
distinguish between an object and the material from which it is made	YA Spring 1 – Terrific Toys YB Autumn 2 – Fire Fire!
identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock	YA Spring 1 – Terrific Toys YB Autumn 2 – Fire Fire!
describe the simple physical properties of a variety of everyday materials	YA Spring 1 – Terrific Toys YB Autumn 2 – Fire Fire!
compare and group together a variety of everyday materials on the basis of their simple physical properties.	YA Spring 1 – Terrific Toys YB Autumn 2 – Fire Fire!
<b>Uses of Everyday Materials</b>	
identify and compare the suitability of a variety of everyday materials, including wood, metal,	YA Spring 1 – Terrific Toys YB Autumn 2 – Fire Fire!

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.	YA Spring 1 – Terrific Toys YB Autumn 2 – Fire Fire!
<b>Seasonal Changes</b>	
observe changes across the four seasons	YA Autumn 2 – Bang! YB Summer 1 – Outstanding Safari's
observe and describe weather associated with the seasons and how day length varies	YA Autumn 2 – Bang! YB Summer 1 – Outstanding Safari's
<b>Living Things and their Habitats</b>	
Explore and compare the differences between things that are living, dead, and things that have never been alive	YA Autumn 1 – Around the World YB Summer 2 – Forever changing me
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	YA Autumn 1 – Around the World YB Summer 2 – Forever changing me YB Spring 2 – Castles
Identify and name a variety of plants and animals in their habitats, including microhabitats	YA Autumn 1 – Around the World YA Spring 2 – Let's Go to China YB Summer 1 – Outstanding Safari's
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.	YA Autumn 1 – Around the World YB Autumn 1 – All About Me YB Summer 2 – Forever changing me