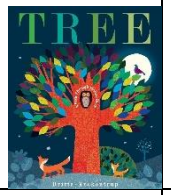
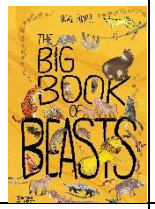
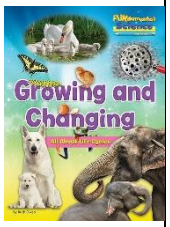
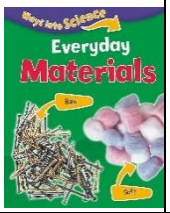
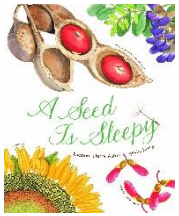
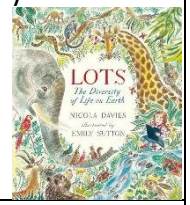
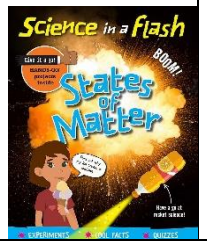
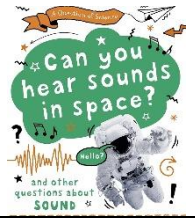
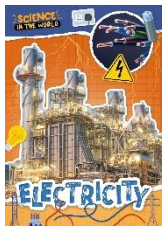
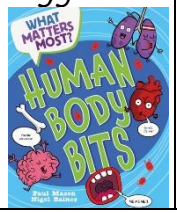
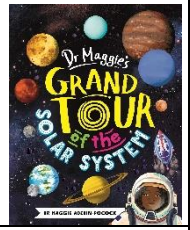
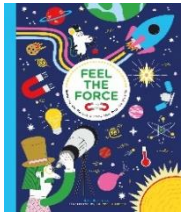
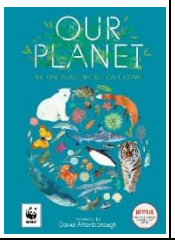
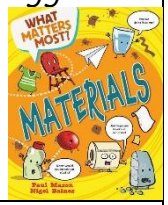
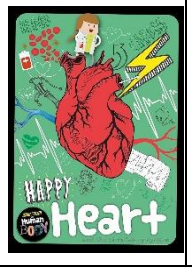
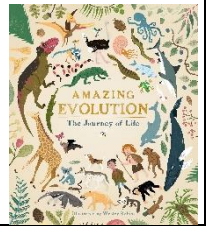
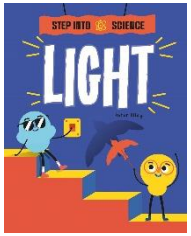
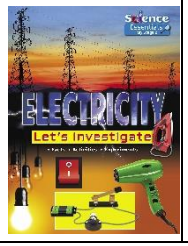
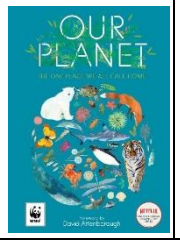
Carrwood Primary School - Science LTP

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Petals	Explore and talk about daily weather Naming some facial features.	Explore and talk about daily weather	How I have grown and changed	How is outside changing? Naming simple animals	How do we look after our plants? Using senses outside	Explore and talk about daily weather
Nursery	Weather and seasonal features (what's happening around us?) Naming simple body parts (including facial features; eyes/ nose/ mouth)	Weather and seasonal features (what's happening around us?) Know how to make some healthy choices related to food and drink.	Notice changes and differences (floating and sinking)	Weather and seasonal features (what's happening around us?) Life cycles – butterfly hatching Name and identify simple farm animals and minibeasts	Plants and growth – care for a seed Healthy eating (know some foods should only be eaten sometimes)	Weather and seasonal features (what's happening around us?)
Reception	Seasons and weather (Autumn focus) Naming body parts (including heart) World Space week	Seasons and weather (Winter focus) Handwashing/ toothbrushing (oral hygiene, hand hygiene) – healthy lifestyle	Naming and testing different materials for making a boat - Floating and sinking, best material for a given purpose	Seasons and weather (Spring focus) – name familiar plants Life cycles (plant/ frog/ chicken or duck) - Chick/ duckling hatching and how to care for them Name and identify a range of wild animals	How to be healthy (healthy eating, exercising, growth and decay)	Seasons and weather (Summer focus) Plants and growth – what they need to grow/ experiment with growing conditions and planting real seeds (grass, sunflower, cress, bean) to observe growth

Year 1	**Seasonal Changes** *Function* 	**Animals, including humans- All about animals** *Growth* 	**Animals, including humans- All about me** *Growth*	**Plants** *Structure* *Growth*	**Exploring Everyday materials (1)** *Function* *Structure* 	**Exploring Everyday materials (2)** *Function* *Structure*
Year 2	**Animals, including humans 1- Growth** *Growth*	**Animals, including humans 2- Life Cycles** *Growth* 	**Uses of everyday materials** *Function* *Structure* 	**Plants** *Growth* *Structure* 	**Living things and their habitats** *Adaptation*	**Living things and their habitats- Habitats around the world** *Adaptation* 
Year 3	**Rocks** *Function* *Growth*	**Forces and Magnets** *Structure* *Energy*	**Light** *Energy*	**Animals, including humans** *Structure* *Growth*	**Plants** *Function* *Structure*	**Scientific Enquiry**
Year 4	**States of Matter** *Structure* 	**Sound** *Energy* 	**Electricity** *Energy* 	**Animals, including humans** *Function* *Energy* 	**Living things and their habitats** *Growth*	**Living things in their habitats- Conservation** 

Year 5	**Animals, including humans** *Growth*	**Earth and Space** *Structure* *Energy* 	**Changes of materials** *Structure* *Energy*	**Forces** *Function* *Energy* 	**Living things and their habitats** *Growth* 	**Properties of materials** *Structure* *Energy* 
Year 6	**Animals. Including humans** *Structure* 	**Evolution and inheritance** *Adaptation* *Growth* 	**Light** *Function* *Energy* 	**Electricity** *Function* *Energy* 	**Living things and their habitats** *Structure* 	**Looking after our environment** 