



Science Assessment Core Questions

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Reception	<u>Seasonal change</u> What types of weather are there? What happens in Spring? What happens in Winter? What happens in Summer? What happens in Autumn?		<u>Animals/wildlife</u> What types of animal are there? What can you see/ hear/ touch/ taste/ smell? What is in our local wildlife? Why are bees important?	<u>Our environment</u> Why is plastic bad for our environment? Where does our rubbish go? What if plastic goes into our seas and oceans?	<u>Trees</u> Why are trees important? What are the different parts of a tree? How do leaves look different from each other? (Have leaves to look at and compare) (Link to Greta Thunburg)	What is a wild animal? Can wild animals be good pets? Why not? What animals are wild? Do these animals need looking after? What animals are pets? Where do wild animals live?
Year 1	<u>Seasonal change</u> What are the 4 seasons? What changes happen in each of the seasons? What are the months of the year? How can we measure the weather?	<u>Everyday Materials</u> What are everyday materials? What is the difference between an object and what it is made from? How can materials be grouped or classified? What are different properties of materials? What materials are waterproof? What materials are magnetic? What will happen to the material (food items) when heated?	<u>Animals including humans</u> What are the basic body parts? What are our 5 senses? What is a carnivore? What is a herbivore? What is an omnivore? How are the animals different/the same? (compare 2) How can we sort the animals? (use toy animals or pictures) What are the 5 animal groups?	<u>Animals including humans</u> What are the basic body parts? What are our 5 senses? What is a carnivore? What is a herbivore? What is an omnivore? How are the animals different/the same? (compare 2) How can we sort the animals? (use toy animals or pictures) What are the 5 animal groups? <i>This term the children will have applied the knowledge taught in Term 3 through science enquiry activities.</i>	<u>Plants</u> What are the main parts of a plant and what is the function of these parts? How do plants change at different times of the year? What are the names of common trees and flowers? How must we treat plants/trees? What are the similarities and differences of trees? What are the parts of trees and what is their function?	<u>Plants</u> What are the main parts of a plant and what is the function of these parts? How do plants change at different times of the year? What are the names of common trees and flowers? How must we treat plants/trees? What are the similarities and differences of trees? What are the parts of trees and what is their function? <i>This term the children will have applied the knowledge taught in Term 5 through science enquiry activities.</i>



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<p>Year 2</p>	<p><u>Animals including humans</u> What do offspring grow into? What are the stages of a life cycle? What do humans need to survive? What are the stages of human life? Which foods make a healthy diet? Why do we do exercise? How can we look after ourselves?</p>	<p><u>Materials and their Properties</u> What is the object and what is it made from? What is the most suitable material for the purpose? What does being safe in science mean? What are objects made from and why? How does the material change its shape?</p>	<p><u>Living things and their habitats</u> What is a living thing? How do we know that a plant is a living thing? What different habitats are there and what are they like? How do habitats change? How do animals adapt to their habitats in order to survive? What is a micro habitat? How can we find things out in science?</p>	<p><u>Living things and their habitats</u> What is a living thing? How do we know that a plant is a living thing? What different habitats are there and what are they like? How do habitats change? How do animals adapt to their habitats in order to survive? What is a micro habitat? How can we find things out in science? <i>This term the children will have applied the knowledge taught in Term 3 through science enquiry activities.</i> Where is the most popular place for animals to visit? Why do these living things live there?</p>	<p><u>Plants</u> What do seeds and bulbs grow into? Where can plants grow? How can seeds be different? What do plants need to survive? Do seeds need water to grow? Do plants needs light to grow? What temperature do seeds need to grow? How long does a seed take to grow/germinate? Do all seeds germinate in the same way? What are the names of common trees? What trees grow in the school grounds or local area? What are the basic parts of the plant? What are the basic parts of the plant? What is the function of each part of the plant?</p>	<p><u>Plants</u> What do seeds and bulbs grow into? Where can plants grow? How can seeds be different? What do plants need to survive? Do seeds need water to grow? Do plants needs light to grow? What temperature do seeds need to grow? How long does a seed take to grow/germinate? Do all seeds germinate in the same way? What are the names of common trees? What trees grow in the school grounds or local area? What are the basic parts of the plant? What is the function of each part of the plant? <i>This term the children will have applied the knowledge taught in Term 4 through science enquiry activities.</i></p>