



SERRIER CE PRIMARY SCIENCE INVESTIGATION BY YEAR GROUP

Science investigations year group overview

	Autumn		Spring		Summer	
	1	2	1	2	1	2
EYFS						
Year 1	How wild is the wind? How big is a rain drop? Do pine cones know it's raining?	Do insects have a favourite colour? How do plants grow in winter?	What can a worm sense? Where do worms live?	How does grass grow? What's on your wellies?	Does it snow in summer? What is the life cycle of the ladybird? Can seeds grow anywhere?	What's in a bud?
Year 2	How does it move? <ul style="list-style-type: none"> Observe closely Identify and classify Gather and record data to help answer questions What does friction do? <ul style="list-style-type: none"> Use observations and ideas to suggest answers Make systematic and careful observation Which stuff is stickier? <ul style="list-style-type: none"> Perform simple tests Use observations and ideas to suggest answers How does it feel? <ul style="list-style-type: none"> Perform simple tests Identify and classify What can our hands do? <ul style="list-style-type: none"> Perform simple tests Gather and record data to help answer questions 		What can you remember? <ul style="list-style-type: none"> Ask simple questions Perform simple tests Gather and record data to help answer questions What shape is a bubble? <ul style="list-style-type: none"> Observe closely Use observations and ideas to suggest answers Gather and record data to help answer questions 	Can you find the treasure? <ul style="list-style-type: none"> Perform simple tests Use observations and ideas to suggest answers 	How many arms does an octopus have? <ul style="list-style-type: none"> Ask simple questions Observe closely using simple equipment 	What is camouflage for? <ul style="list-style-type: none"> Gather and record data to help answer questions
Year 3	Is it safe to eat ? Which is the juiciest fruit?	How do we make bread? Are mushrooms deadly?	How do fossils form? What is soil?	Why do magnets attract and repel? Can you block magnetism? How mighty are magnets?	What are our joints for? What are sunglasses for? Why do shadows change?	What are flowers for ? Do plants have legs? Why are trees tall?
Year 4	How far can sound travel? How can we change sound? Can we block sounds? How far can an arrow travel? How did Vikings dye their clothes?		What is sand? Are all liquids runny? Is custard a liquid? Will it erupt?		How fast does water flow? Why does it flood? Where does water go? How does pollution affect habitats?	
Year 5	Do all solids dissolve?	How do we know the Earth is round?	How does the moon move?	How do animals stay warm?	Can fruit light a bulb?	What conducts electricity?

	Which materials conduct heat? What do pulleys do?	Why do planets have craters?	How do rockets lift off? Can we track the sun?	What is the life-cycle of a mealworm? How do mealworms reproduce?	Can you turn a light down?	Why does a compass always point North?
Year 6	Evolution and Inheritance How does inheritance work? Why do birds have different beaks? Why is holly prickly? Living things and their habitats. Why are things classified?	Electricity Can you send a coded message? Light Can you see through it? How does light travel?		Animals, including humans. How does blood flow? What's in blood? What can your heart rate tell you?		