

Otter Science CYCLE A

These are the targets on which I am currently working: Yr 1/ 2/ 3 level

	Objectives:	Pupil:	Teacher:
Term 1 Seasons	I can name the four seasons.		
	I can recognise that each season is different.		
	I can start to, with support, describe the differences between each season.		
	I can observe the changes across the four seasons.		
	I can recognise how day length varies in each season.		
	I can understand that it is not safe to look at the sun.		
	I can make tables and charts about the weather.		
Term 2 Materials	I can identify which material an object is made from.		
	I can distinguish between an object and the material from which it is made.		
	I can, with support, identify and name a range of everyday materials (including wood, plastic, glass, metal, water and rock).		
	I can, independently, identify and name a range of everyday materials (including wood, plastic, glass, metal, water and rock).		
	I can identify the suitability of a variety of materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.		
	I can compare the suitability of a variety of materials.		
	I can find out how the shapes of solid objects can be changed by squashing, bending, twisting and stretching.		
	I can think about whether a material is suitable or unsuitable for a particular purpose. I can think of some unusual and creative uses for everyday materials.		
Term 3 Light	I can find light sources.		
	I can experiment with shadows.		
	I can recognise that light from the sun or bright light can be dangerous.		
	I can suggest ways to protect my eyes from the sun or bright lights.		
	I can explore safety when crossing the road using light to help.		
	I can recognise that I need light in order to see things.		

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Term 4 Animals inc humans	I can understand that there are different species of animals.		
	I can identify and name a range of animals, including fish, amphibians, reptiles, birds and mammals.		
	I can understand that some animals eat meat, vegetables or both.		
	I can understand the difference between carnivores, herbivores and omnivores.		
	I can notice that animals, including humans, have offspring which grow into adults.		
	I can find out about and describe the basic needs of animals, including humans, for survival (water, food and air).		
	I can describe the importance, for humans, of exercise, eating the right amounts of different types of food and hygiene.		
Term 5 Plants	I can independently identify and describe the basic structure of a variety of common plants, including trees (including leaves, flowers, petals, fruit, roots, bulbs, seeds, trunks, branches and stems).		
	I can compare two different plants.		
	I can compare and categorise plants using given criteria.		
	I can record how plants change over time.		
	I can observe how seeds and bulbs grow into mature plants.		
	I can find out how plants need water, light and a suitable temperature to grow and stay healthy.		
	I can independently describe how seeds and bulbs grow into mature plants.		
Scientific skills	I can start to ask simple questions about scientific phenomena.		
	I can start to recognise that questions can be answered in different ways.		
	I can, with support, set up simple experiments.		
	I can start to perform simple tests to explore questions.		
	I can gather data, with support.		
	I can record data, with support.		
	I can ask questions about scientific phenomena and recognise that they can be answered in different ways.		
	I can use simple experiments and observe results.		
	I can gather data independently.		
	I can record data accurately in different ways.		
	I can use my prior knowledge to suggest why something is happening.		

Comments and achievements: