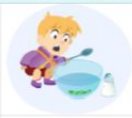
Kide Science Key Stage 1 Alignment

Taken from The National Curriculum for Key stage 1.

Please note: These are just a selection of the areas of learning which feature in our lesson plans. We also tick many, many more!

Kide Science Key Stage 1 Alignments

		Each of our story theme includes 10 lessons									
											
Science		Kelvin's Weather Adventure	Exploring the Wild with Esther	Curious Incidents in Supraland	Pi and the Secret Forest	Mrs Noblegas's Floury Dilemma	Esther the Detective Investigates	To North and Back	Mysteries of the Glittering Cave	Supraland Celebrations	Intro Lessons
Working Scientifically											
	Ask simple questions and recognising that they can be answered in different ways	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
	Observe closely, using simple equipment	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
	Perform simple tests	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
	Identify and classify	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
	Use their observations and ideas to suggest answers to questions	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
	Gather and record data to help in answering questions.	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Measurement											
Year 1	Compare, describe and solve practical problems	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Year 2	Choose and use appropriate standard units to estimate and measure length/height in any direction, mass, temperature, capacity using rulers, thermometers and measuring vessels.	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑

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Plants		Recommended lessons									
Year 1	Identify and describe the basic structure of a variety of common flowering plants, including trees.	 Lesson 1									
Year 2	Observe and describe how seeds and bulbs grow into mature plants	 Lesson 2									
	Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy	 Lessons 1, 2, 5									

Animals		Recommended lessons									
Year 2	Find out about and describe the basic needs of animals, including humans, for survival (water, food, air)	 Lesson 5	 Lesson 11	 Lessons 6, 8	 Lesson 9						

Everyday Materials		Recommended lessons									
Year 1	Describe the simple physical properties of a variety of everyday materials	 Lesson 7	 Lesson 3	 Lesson 5	 Lesson 5	 Lesson 2					
	Compare and group together a variety of everyday materials on the basis of their simple physical properties	 Lesson 7	 Lesson 3	 Lesson 5	 Lesson 5	 Lesson 2					
Year 2	Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses	 Lessons 5, 8	 Lesson 2	 Lesson 3	 Lesson 3	 Lesson 8					
	Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.	 Lesson 6	 Lessons 7, 10	 Lesson 4	 Lesson 4	 Lesson 8					

Seasonal Changes		Recommended lessons									
Year 1	Observe and describe weather associated with the seasons and how day length varies	 Lesson 1, 5, 7	 Lesson 8	 Lesson 5	 Lesson 10						

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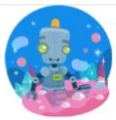
Living Things and Their Habitats		Recommended lessons									
Year 2	Explore and compare the differences between things that are living, dead, and things that have never been alive	 Lesson 5									
	Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on eachother	 Lesson 2 & 3	 Lessons 6, 8	 Lesson 9							
	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	 Lesson 3 & 4	 Lesson 6								
Computing											
	Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions	 Lesson 7	 Lesson 9	 Coming Soon							
	Create and debug simple programs	 Lesson 7	 Lesson 9	 Coming Soon							
	Use logical reasoning to predict the behaviour of simple programs	 Lesson 7	 Lesson 9	 Coming Soon							

Mathematics		Recommended lessons									
Number											
Year 1	Given a number, identify one more and one less	 Lesson 6									
	Identify and represent numbers using objects and pictorial representations including the numberline and use the language of equal to, more than, less than (fewer)	 Lesson 6	 Lesson 6								
Fraction											
Year 1	Recognise, find and name a half as one of two equal parts of an object, shape or quantity	 Lessons 3, 10	 Lesson 2	 Lesson 9							
	Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity	 Lesson 9									

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Measurement		Recommended lessons									
Year 1	Measure and record the following:										
	- lengths and heights	 Lesson 1	 Lesson 7	 Lesson 1	 Lesson 2						
	- mass/weight	 Lessons 2, 9	 Lesson 7	 Lesson 7							
	- capacity and volume	 Lesson 6	 Lesson 1								
	- time (hours, minutes, seconds)	 Lessons 5, 7									
	Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening]	 Lesson 9									

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	Geometry	Recommended lessons									
Year 1	Recognise and name common 2-D and 3-D shapes, including:										
	2-D shapes [for example, rectangles (including squares), circles and triangles]	 Lesson 2, 3, 10									
	3-D shapes [for example, cuboids (including cubes), pyramids and spheres].	 Lesson 10	 Lesson 2								
	describe position, direction and movement, including whole, half, quarter and three-quarter turns	 Lesson 3, 8	 Lesson 7	 Lesson 8, 10	 Lesson 7						
Year 2	Identify and describe the properties of 2-D shapes, including the number of sides and line symmetry in a vertical line	 Lesson 4	 Lesson 2, 3, 10								
	Identify and describe the properties of 3-D shapes, including the number of edges, vertices and faces	 Lesson 10	 Lesson 2								
	Identify 2-D shapes on the surface of 3-D shapes, (for example, a circle on a cylinder and a triangle on a pyramid)	 Lesson 6	 Lesson 3								
	Compare and sort common 2-D and 3-D shapes and everyday objects.	 Lesson 2, 3	 Lesson 10								
	Order and arrange combinations of mathematical objects in patterns and sequences	 Lesson 2, 9	 Lesson 7								
	Use mathematical vocabulary to describe position, direction and movement, including movement in a straight line and distinguishing between rotation as a turn and in	 Lesson 3, 8	 Lesson 7	 Lesson 8, 10	 Lesson 7						