

	EYFS		KS1	LKS2
	Nursery and Reception		Year 1 and Year 2	Year 3 and Year 4
	3-4-year-olds	Reception	Blue = Year A Purple = Year B	Blue = Year A Purple = Year B
States of matter Everyday materials Working scientifically	<p>Children investigate and experience things.</p>	<p>Children concentrate and keep on trying if they encounter difficulties.</p> <p>Collect simple information and mark make.</p> <p>Children investigate and experience things.</p> <p>Talk about what they have done and found out.</p> <p>Children have and develop their own ideas.</p> <p>Make attempts to solve problems.</p> <p>Develop strategies for doing things.</p> <p>Explore and test their</p>	<p>Identifying and classifying.</p> <p>Observing closely, using simple equipment.</p> <p>Performing simple tests.</p> <p>Gathering and recording data to help in answering questions.</p> <p>Using their observations and ideas to suggest answers to questions.</p> <p>Use simple features to compare objects, materials and living things and, with help, decide how to sort and group them (non-statutory).</p> <p>Asking simple questions and recognising that they can be answered in different ways.</p>	<p>Talk about criteria for grouping, sorting and classifying (non-statutory).</p> <p>Identifying differences, similarities or changes related to simple scientific ideas and processes.</p> <p>Asking relevant questions and using different types of scientific enquiries to answer them.</p> <p>Making systematic and careful observations, and, where appropriate, taking accurate measurements using standard units, using a range of equipment, including thermometers and data loggers.</p> <p>Setting up simple practical enquiries, comparative and fair tests.</p> <p>Gathering, recording, classifying and presenting data in a variety of ways to help in answering questions.</p>

		own ideas.		Using results to draw simple conclusions, make predictions for new values, suggest improvements and raise further questions.
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y	Same, different, touch, feel.	different, change, natural.	Talk like John Macadam Concrete, wood, wool, metal, properties, bend, plastic, shiny, mould, compare, materials, waterproof, stretch, gas, stiff, group, glass, stretch, rubber, liquid. Talk Like Charles Macintosh Metal, plastic, rubber, translucent, transparent, opaque, rigid, flexible, bendy, squash, absorbent, porous, natural, wood, brittle, fragile, glass, twist, insulates, manufactured,	Talk like Eunice Newton Foote Matter, solids, gases, liquid, substance, heated, cooled, fixed shape, chemical, reaction, volume, molecules, atoms, flow freely, squashed, particles, degrees Celsius, rigid, mould, melts.
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