Primary Science Assessment Board	Knowledge & Understanding			Working Scientifically				
	Explaining Science C		lassification Designing Experiments					aking clusions
	EYFS KS1		→ Secure	LKS2> Secure		UKS2 → Secure		>
	Reception	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 6+
Explaining Science	I remember simple facts about science with help	I remember some simple facts about science	I remember relevant science <b>facts</b> with some confidence	I use science ideas & facts to describe & explain	I show a developing K&U of science ideas & <b>concepts</b>	I show a clear K&U of science ideas & concepts	I show a <b>secure</b> K&U across all KS2 topics (facts & concepts)	I show a deeper 'mastery' of K&U across K52
	I use science words during an activity with help	I use & remember relevant science words during activity	I use å <b>remember</b> science words over time (short term)	I remember science words I have used before (longer term)	I <b>use</b> simple science words correctly (meaning; apply)	I begin to use complex science words correctly	I use complex science words correctly (fluency)	I use complex science words accurately & fluently
	I describe what is happening using words & actions	I describe what is happening using science with help	I use <b>science</b> to describe / <b>recall</b> what I have seen	I begin to use science models to describe (sequence)	I use <b>science models</b> to <b>describe</b> (what, where)	I use science models to describe & begin to explain (why, how)	I use <b>science models</b> to describe & <b>explain</b> (why, how, logical)	I begin to apply science models to explain new events
	I use appropriate pictures & words to label items	I add science word labels (help) to diagrams	I <b>add science labels</b> & information (help) to diagrams	I add science labels & information to diagrams	I <b>annotate</b> diagrams to help describe & explain	I begin to draw & annotate my own diagrams	I draw & annotate my <b>own diagrams</b> to describe & explain	I draw & annotate my own diagrams (flow; complex)
	I begin to select facts to use in an answer with help	I select science facts to use in an answer with help	I <b>select</b> relevant science facts to use in an answer	I link relevant facts together in an answer	I ' <b>cluster</b> ' related facts together into points (recalled)	I select & prioritise facts to create an argument/answer	I present a <b>clear &amp;</b> logical argument / answer	I present an extended & logical argument / answer
Classification	I sort using instructions or pictures	I sort by using simple yes/no statements	I use simple spider keys with obvious differences	I use large sider keys with obvious differences	I use a range of spider keys with fine differences	I construct spider & use number keys	I <b>construct</b> both spider & number keys	I construct both spider & number keys (complex)
	I group by familiar features (size, colour, shape, etc)	I group by difference or similarity	I <b>group</b> by difference, similarity or change	I create groups for sorting (create criteria)	I <b>create</b> appropriate groups for sorting (create criteria)	I group & sub-group by easily observation (create criteria)	I group & <b>sub-group</b> by fine observation (create criteria)	I group & re-group using combinations of criteria
	I use my senses to identify properties of materials	I link properties of materials to an application (help)	I link properties of materials to an application	I combine properties required for an application (help)	I describe combined properties required for an application	I explain how properties suit an application	I <b>explain the</b> science behind a range of properties	I describe how material properties can change
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