

# Guide to making judgments — Year 4 Science

Name .....

**Focus:** Use evidence to draw conclusions about the properties and purpose of inks.

Knowledge and understanding Reflecting	Investigating	Communicating	
<p>Identifies properties of given materials important for a specific purpose.</p> <p>Reflects on learning and applies understandings of the link between properties and purpose to a new context, flexibility.</p> <p>Questions 1, 2, 5, 10</p>	<p>Uses evidence to draw conclusions that relate properties of materials to their purposes</p> <p>Records and organises observations.</p> <p>Identifies variables to judge the fairness of a test.</p> <p>Demonstrates understanding of scientific investigation questions.</p> <p>Questions 3, 4, 6–9</p>	<p>Uses scientific terminology to communicate properties of materials, observations, conclusions and explanations.</p> <p>Organises observations to communicate results in an appropriate format.</p> <p>Questions 1–10</p>	
<p>◀ Positions all materials accurately on the flexibility scale and relates properties to purpose in the explanations.</p>	<p>◀ Draws conclusions that relate properties to purpose. Uses a range of observations to judge the fairness of Test 1. States why Question C is better than B.</p>	<p>◀ Consistently uses scientific terminology to refer to properties of materials, describe observations and communicate ideas.</p>	<b>A</b>
<p>◀ States the importance of both given properties to journal ink.</p>	<p>◀ Positions inks on the solubility scale consistent with evidence. Identifies the properties observed in Tests 2 and 3. Uses an observation to judge the fairness of Test 1.</p>	<p>◀ Organises observations.</p>	<b>B</b>
<p>◀ Identifies important properties of given materials. Explains the positions of materials on the flexibility scale. States the importance of one given property to journal ink.</p>	<p>◀ Draws conclusions about hat ink and journal ink referring to evidence. Records relevant observations for Tests 2 and 3. Identifies elements of a fair test. States why Question C is better than A.</p>	<p>◀ Uses scientific terminology to record observations or communicate ideas.</p>	<b>C</b>
		<p>◀ Communicates ideas.</p>	<b>D</b>
<p>◀ Identifies properties of given materials.</p>	<p>◀ Records an observation from Test 2 or 3, or draws a conclusion.</p>		<b>E</b>

Feedback .....

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