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| --- | --- | --- | --- | --- | --- | --- | --- |
| Know  1  Individual skills | | |  | Integration | | Apply  2  Understand principles | |
| Skills | | | | Strategy | |  | |
| K3  K2  K1 | Identify and record key features of an observation  Write a scientific description of the observation, using key words  Suggest a hypothesis for the observation | K8 | | | Think up a hypothesis | A2  A1 | Explain why a hypothesis may become stronger after it is tested  Describe what to do if the conclusion does not agree with your prediction |
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|  |  |  | | |  | A3 |  |
| K5  K4 | Suggest an experiment to test the hypothesis  Predict what will happen if your hypothesis is correct | K9 | | | Make an experimental prediction |  |  |
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|  | |  | | | | A4 |  |
| K7  K6 | Decide whether the conclusion of the experiment agrees with your prediction  State whether or not the hypothesis is correct | K10 | | | Conclude if hypothesis is correct |  |  |
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| Key words | |  | | |  | |  |
| K12  K11 | **Hypothesis** An explanation you can test which includes a reason and a 'science idea'  **Observation** Information gathered by your senses | K13 | | | **Prediction** What you think will happen in an experiment | |