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| Know1Individual skills |  | Integration | Apply 2Understand principles |
| Skills | Strategy |  |
| K3K2K1 | Identify and record key features of an observationWrite a scientific description of the observation, using key wordsSuggest a hypothesis for the observation | K8 | Think up a hypothesis | A2A1 | Explain why a hypothesis may become stronger after it is testedDescribe what to do if the conclusion does not agree with your prediction |
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|  |  |  |  | A3 |  |
| K5K4 | Suggest an experiment to test the hypothesisPredict what will happen if your hypothesis is correct | K9 | Make an experimental prediction |  |  |
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|  |  | A4 |  |
| K7K6 | Decide whether the conclusion of the experiment agrees with your predictionState whether or not the hypothesis is correct | K10 | Conclude if hypothesis is correct |  |  |
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| Key words |  |  |  |
| K12K11 | **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 |