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| Know1Individual skills |  | Integration | Apply 2Understand principles |
| Skills | Strategy |  |
| K2K1 | Identify an observation that could be recorded or measured over timeWrite a question in the format “How does...change over time?” | K8 | Write an observation enquiry question | A1 | Explain which type of enquiry is best for answering a given scientific questionExplain whether a given question can be investigated scientifically |
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| A2 |
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|  |  |  |  |  |  |
| K5K4K3 | Identify a dependent variableIdentify an independent variableWrite a question linking variables in the form "How does...affect...? | K9 | Write a fair test enquiry question | A3 |  |
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| A4 |  |
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| K7K6 | Identify two variables which may show a correlationWrite a question in the form "Is there a correlation between ..... and .....? | K10 | Write a pattern seeking enquiry question |  |  |
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| Key words |  |  |  |
| K13K12K11 | **Scientific** enquiries Different ways to investigate including observation over time, fair test and pattern seeking**Variable** A factor that can be changed, measured and controlled**Independent** variable What you change in an investigation to see how it affects the dependentvariable | K15K14 | **Dependent** variable What you measure or observe in an investigation**Correlation** A relationship between variables where one increases or decreases as the other increases |