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| --- | --- | --- | --- | --- | --- | --- | --- |
| Know  1  Individual skills | | |  | Integration | | Apply  2  Understand principles | |
| Skills | | | | Strategy | |  | |
| K3  K2  K1 | Identify features of an investigation which are hazardous  Determine the nature of the hazard  Suggest the likelihood of that happening | K8 | | | Identify risks and hazards | A1 | Suggest how the question being investigated can be safely explored in a school science laboratory |
|  |  |  | | |  |  |  |
| K5  K4 | Identify ways of reducing the hazard  Identify ways of reducing the risk | K9 | | | Identify control measures | A2 |  |
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| K7  K6 | Weigh up the benefits and risks of an application of science to make a decision  Explain why you made this decision | K10 | | | Decide overall | A3 |  |
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| Key words | | K12  K14 | | |  |  |  |
| K13  K11 | **Risk** How likely something is to be harmful  **Hazard** A situation that presents a threat to people | **Benefit** Something good or helpful  **Control measure** An action taken to remove the hazard or to reduce the exposure to it |  |  |