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| Know  1  Individual skills | | |  | Integration | | Apply  2  Understand principles | |
| Skills | | | | Strategy | |  | |
| K2  K1 | Incorporate the pattern you found into an answer to the enquiry question  Suggest a scientific reason for your findings | K7 | | | Make a conclusion and explain it | A2  A1 | Make a conclusion and explain it  Judge whether the conclusion is supported by the data |
|  |  |  | | |  | A3 |  |
| K6  K5  K4  K3 | Comment on whether there is a real difference between data  Justify whether anomalous results can be explained or ignored  Suggest other possible conclusions that could be drawn from your data  Quote any secondary data you have which lead to the same conclusion | K8 | | | Judge whether the conclusion is supported  by the data |  | Explain how in an investigation in which not all variables could be controlled that a conclusion could still be drawn. |
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| A4 | Identify further questions arising from the investigation. |
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| Key words | | K10 | | |  | |  |
| K9 | **Secondary data** Results that have already been collected by another person | **Real difference** There is a real difference between two means if their ranges do not overlap much | |