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| --- | --- | --- | --- |
| Know1Individual skills |  | Integration | Apply 2Understand principles |
| Skills | Strategy |  |
| **Comment on whether…** |  |  |  |
| K3K2K1 | the authors of the research are qualified scientiststhe research was published in a peer reviewed journalthe research agrees with current scientific thinking | K9 | Judge the reliability of the source | A2A1 | Explain possible causes of bias from an experimenter or journalistExplain how peer review makes a finding more believable |
|  |  |  |  |  |  |
| K5K4 | the researcher or funder might benefit from reporting the findingthe author might have a vested interest | K10 | Check for bias | A3 |  |
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| K7K8K6 | the experimenter collected enough datathey gave a scientific explanation of the findingsthe findings were backed up by other research | K11 | Evaluate the evidence for the claim | A4 |  |
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| Key words | K14K15 |  |  |  |
| K12K13 | **Peer reviewed** The checking of research by other scientists**Bias** When an experimenter affects the outcome, or when a journalist favours a point of view | **Funder** Organisation or person that pays for scientific research**Journal** Magazine which publishes science research for others to read |  |  |
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