

Guide to making judgments — Year 4 Science

Student .....

**Purpose:** To explain sunbird behaviour based on information and evidence.

| Knowledge and understanding<br>Investigating  | Investigating  | Investigating  | Communicating   |
|---|--|--|---|
| Identifies seasonal data by reading and interpreting information from thermometers and rainfall graphs.<br><br>Q 2–7  | Collects and uses relevant data to identify and justify the month when the sunbirds could return and the month the cat run must be finished.<br><br>Q 8–10   | Identifies information and evidence and draws conclusions from webpage to give explanations of sunbird nesting behaviour.<br><br>Q 11–13   | Uses scientific terminology to describe and explain ideas and information.<br><br>Q 1, 2, 9–13  |
| Correctly interprets thermometers and graphs to identify warm months, dry months and wet season.<br><br>Correctly interprets thermometers and graphs to identify warm months and dry months.<br><br>Identifies some warm months and some dry months.<br><br>Correctly interprets some information from thermometers and graphs. | Identifies correct months with justifiable explanations drawn from data and earlier answers.<br><br>Considers only part of the seasonal data when justifying the choice of month that sunbirds could return.<br><br>Correctly transfers some seasonal data to Table 2. | Accurately identifies information and draws valid conclusions using supplied information.<br><br>Selects appropriate information and draws reasonable conclusions.<br><br>Identifies some information that limits the scope of conclusions.<br><br>Selects irrelevant information. | Uses scientific terminology in clearly articulated descriptions and explanations.<br><br>Uses appropriate scientific terminology in descriptions and explanations.<br><br>Uses some scientific terminology when trying to describe and explain ideas. |
|   |  |  | A   |
|   |  |  | B   |
|   |  |  | C   |
|   |  |  | D   |
|   |  |  | E   |

Feedback .....

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