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**Young Scientist Awards**

**JUDGING RUBRIC: STANSW Scientific Investigation, Years K-2**

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| Level | Description |
| 5 | The st The student has provided clear and convincing evidence that they:   * **actively** completed a scientific investigation that incorporated fair testing * had shown **originality** in the idea and **creativity** in the investigative methods * had a clear **understanding** of the relevant science concepts * collected background information and made **appropriate** predictions * **carefully** selected **suitable** materials and equipment * collected **meaningful** and **sufficient** data * **systematically** recorded data and included appropriate **graphical display** with or without digital technologies * **justified strategies** and suggested **plausible** explanations for the results * made **valid** conclusions that show how the investigation is **important** * used a logbook to **map the progress** of the investigation over time * **acknowledged** all assistance given * used **effective** language and formatting to communicate with the intended audience |
| 4 | The st The student has provided substantial evidence that they:   * **participated** in a scientific investigation that incorporated fair testing * had shown **some creativity** in the selection of the idea or in the methodology * outlined the **scientific concepts** related to the investigation * collectedbackground research with **some relevance** to the subject of investigation * made a **prediction** * had **considered** the final choice of selected materials and equipment * collected **relevant and adequate** data * **correctly** recorded data * discussed **trends** and **relationships** in data collected * used a logbook to **record raw data** and tasks performed * **listed** any assistance given * used **appropriate** language to communicate with the intended audience |
| 3 | The st The student has provided evidence that they:   * **participated** in a science investigation which incorporated **some** fair testing * had shown **glimpses** of creativity * had **some understanding** of the science concepts related to the investigation * collected **fragments** of background research * made **some sort** of prediction * **used** suitable equipment * collected and recorded **relevant** data * analysed data and came to **a conclusion** * included a **log book** that contains **notes and ideas** * **acknowledged some** of theassistance that was given * used **consistent** language in all documentation |

**JUDGING RUBRIC: STANSW Scientific Investigation, Years K-2**

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| Level | Description |
| 2 | The st The student has provided evidence that they:   * attempted a science investigation with **minimal understanding** of fair testing * had shown **little or no** creativity * had **little** understanding of the science concepts related to the investigation * **attempted** to make a prediction * collected and recorded **some** data * offered **poor** explanations for the data collected * included a log book that is **minimal or disorganised** * **failed to acknowledge** assistance given * used language and formatting that **did not connect** with the intended audience |
| 1 | The st The student’s report demonstrates that they:   * attempted an investigation with **no understanding** of fair testing * had **poor** understanding of the **science concepts** related to the investigation * collected **random** data * offered explanations that were not related or plausible * **did not maintain** a suitable log book |