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**Young Scientist Awards**

**JUDGING RUBRIC: STANSW Scientific Investigation - Survey, Years KB2**

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| Level | Description |
| 5 | The student has provided clear and convincing evidence that he/she:   * **actively** completed a survey of a specific area of interest * had shown **originality** in the selection of site or method of data collection * had a clear **understanding** of the relevant science concepts * **collected** background information * **carefully** selected **suitable** materials and equipment * **accurately** gathered data in a variety of sample areas * **systematically** recorded data, using an using an appropriate **mapping** technique * **justified strategies** and suggested **plausible** explanations for the data obtained * made **valid** conclusions that explains trends in the samples * used a logbook to **map the progress** of the survey over time * **acknowledged** all assistance given * used **effective** language and formatting to communicate with the intended audience |
| 4 | The student has provided substantial evidence that he/she:   * **participated** in a survey of a specific area of interest * had shown **some creative** aspects * outlined the **scientific concepts** related to the survey * collectedbackground research with **some relevance** to the subject of the survey * had **considered** the final choice of selected materials and equipment * collected **relevant** data in more than one sample area * recorded data in a **coherent** fashion * 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 student has provided evidence that he/she:   * **participated** in a survey which incorporated **some** sampling * had shown **glimpses** of creativity * had **some understanding** of the science concepts related to the survey * collected **fragments** of background research * **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 |
| 2 | The student has provided evidence that he/she:   * attempted a survey with **minimal understanding** of sampling * had shown **little or no** creativity * had **little** understanding of the science concepts related to the survey * 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 student has provided evidence that he/she:   * attempted a survey with **no understanding** of sampling * had **poor** understanding of the **science concepts** related to the survey * collected **random** data * offered explanations that were not related or plausible * **did not maintain** a suitable log book |