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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
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|  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
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| 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
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| 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
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| 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
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