



Young Scientist Awards



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

Level	Description
5	<p>The student has provided clear and convincing evidence that he/she:</p> <ul style="list-style-type: none">• 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	<p>The student has provided substantial evidence that he/she:</p> <ul style="list-style-type: none">• participated in a survey of a specific area of interest• had shown some creative aspects• outlined the scientific concepts related to the survey• collected background 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	<p>The student has provided evidence that he/she:</p> <ul style="list-style-type: none">• 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 the assistance that was given• used consistent language in all documentation

2	<p>The student has provided evidence that he/she:</p> <ul style="list-style-type: none">• 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	<p>The student has provided evidence that he/she:</p> <ul style="list-style-type: none">• 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