

ABDUS SALAM SCIENCE FAIR 2019

Section	Explanation	Section	Explanation
<u>Topic and Scientific Question</u> /10	Clear <u>Topic</u> . Includes creativity, innovation and may include a <u>scientific</u> question.	<u>Variables & Controls</u> /10	<u>Variables</u> and <u>controls</u> are factors that may change or be controlled in an experiment. The independent variable is the condition or factor that is changed in the experiment and affects the dependent variable.
<u>Purpose</u> /10	<u>Purpose</u> helps students develop skills in research, organization, presentation and communication.	<u>Data/Results</u> /10	Graphs are often an excellent way to display <u>data</u> and <u>results</u> . Analysing the data consists of reviewing, calculating and charting the results of the experiment.
<u>Hypothesis</u> /10	<u>Hypothesis</u> forms a tentative answer/statement to the scientific question that proposes a possible explanation.	<u>Conclusion</u> /10	The <u>conclusion</u> of the experiment summarizes the results of the experiment and either contradicts or supports the original hypothesis. It is a simple and straightforward answer to the question posed by the experiment. This section is clear, concise and informative.
<u>Materials</u> /10	The project may invent new <u>materials</u> , improve existing materials, test the properties of materials, or compare suitability of different materials for an intended purpose. There is a detailed list of materials.	<u>Appearance</u> /10	This involves the student in a journey of discovery, driven by curiosity. The overall <u>appearance</u> of the project and professionalism from the student are connected.
<u>Procedure</u> /10	<u>Procedure</u> is detailed, complete and provides clearly established steps of the experiment.	<u>Questions</u> /10	Questions posed by judges are clearly answered by students. Responses provide further insight into their discovery.
Comments:		Total Score	/100