

COSEE State Science Fair Scoring- Elders

Team/Individual
Student(s) Name(s) _____

Total Score _____

Name of Project _____

Cultural Values	The presentation by the students and display of his/her project maintains the cultural values of his/her area.	Needs more work 1	Good 3	Excellent 5
Quality project	The student's work is well done. The project is organized and attractive. It shows good thought. The presentation is clear and confident. The discovery process is evident as used in village life.	Needs more work 1	Good 3	Excellent 5
Importance	The project is a study of something that is important to the land, village and community.	Needs more work 1	Good 3	Excellent 5
Community resources	There is clear evidence that the student consulted with one or more community elders, local experts and other cultural resources.	Needs more work 1	Good 3	Excellent 5

Project Name _____

Total score _____

Scoring- Collection

Project Number _____ **COSEE Science Fair**

Student(s) name(s) _____

Individual
Team
Class project

Circle
one

<p style="text-align: center;">Quality/ Variety</p>	<p>The collection shows interest, but there could have been more and better quality samples.</p>	<p>Most local samples have been collected. The samples are of good quality</p>	<p>The collection is thorough. Local possibilities have been exhausted. Samples are of high quality, with all sizes, colors, types and shapes possible</p>
<p style="text-align: center;">Creativity/ Originality</p>	<p>The collection shows little original thought.</p>	<p>There is evidence of creative thought in the gathering and presenting of the collection</p>	<p>There is clear evidence of creative thought and ingenuity.</p>
<p style="text-align: center;">Presentation</p>	<p>Speech is too soft. There is little enthusiasm or interest.</p>	<p>Speech is sufficiently loud, clear, and thoughts are orderly. The display is organized and understandable.</p>	<p>The presentation is loud, clear, and orderly, given with enthusiasm. The display is attractive and easy to understand.</p>
<p style="text-align: center;">Data</p>	<p>There is no data telling where and when the samples were gathered.</p>	<p>There is some data telling where and when the samples were gathered.</p>	<p>The data is complete and easy to understand.</p>

Team/Individual
 Student(s) Name(s) _____

Scoring Experiment

Total Score _____

Name of Project _____

COSEE Science Fair

<p>Scientific Process</p>	<p>A question was asked, but not well pursued. This is more of a library project than a hands-on science project.</p>	<p>Clear hypothesis, data gathering and performance of experiment or observation. The project involved hands-on activity, organized thinking and good observation skills.</p>	<p>Exceptionally well done with insightful performance and conclusions. The student was immersed in the project, trying several methods, even unsuccessful ones. The student thoroughly explored the original question.</p>
<p>Data</p>	<p>Data is somewhat disorganized. Difficult for reader to understand the results. Data was collected, but not enough for conclusive results.</p>	<p>The data is organized and tells the reader what happened. Enough data was collected to make adequate conclusions.</p>	<p>The data is overtly organized and displayed in several ways including graphs and charts. There was enough data for conclusive results.</p>
<p>Creativity, originality, theme</p>	<p>This project has been done before, and shows no deviation from the past. Does not relate to oceans, rivers drainages, and climate change.</p>	<p>This project might have been done before, but shows insightful adaptations with original approaches. Does relate to oceans, rivers drainages, and climate change.</p>	<p>The project combines western and traditional science in a fresh way. The questions asked, methods used and conclusions drawn are freshly insightful. Directly related to oceans, rivers drainages, and climate change.</p>
<p>Presentation</p>	<p>Speech is too soft. Presenter lacks confidence, knowledge of subject and enthusiasm.</p>	<p>Speech, confidence, knowledge and enthusiasm are adequate.</p>	<p>Speech, confidence, knowledge and enthusiasm are inspirational.</p>
<p>Conclusions</p>	<p>No connection is made between the question, hypothesis & data collection. A vague reference is made as to how this project could be improved.</p>	<p>Conclusions are clearly stated. An adequate description is made as to how this project could be improved.</p>	<p>The student has made insightful connections between the question, hypothesis, and data collection.</p>
<p>Appearance</p>	<p>More work is needed to make the display neat.</p>	<p>The information is displayed clearly and neatly.</p>	<p>The project commands attention, is extremely neat and easy to read.</p>
<p>Use of materials</p>	<p>Materials used were not appropriate and/or safe.</p>	<p>Materials were used appropriately.</p>	<p>Materials were used appropriately and creatively.</p>

Team/Individual
 Student(s) Name(s) _____

 Name of Project _____

Scoring Observation COSEE Science Fair

Total Score _____

Purpose	Observation idea is good, but seems to have no specific application	Observation has a stated long term objective related to oceans, river drainages and climate change.	Observation has a long term objective that relates to important issues related to oceans, river drainages and climate
Variables	Student shows little understanding of the variables involved in the observation.	Student shows a good understanding of the variables involved.	Student shows a clear understanding of the variables involved and their interaction with the study.
Originality, theme	This project has been done before, and shows no deviation from the past. Does not relate to oceans, rivers drainages, and climate change.	This project might have been done before, but shows insightful adaptations with original approaches. Does relate to oceans, rivers drainages, and climate change.	The questions asked, methods used and conclusions drawn are freshly insightful. Directly related to oceans, rivers drainages, and climate change.
Research	Student has done little research and is duplicating well established knowledge.	Student has done research, and the application of that research is evident in the students' approach	Student has done extensive research, and has built upon that research with creative questions.
Observation skills	Observations were made inconsistently (random times, location observed and point from which observation is made vary.	Observations were made consistently (time, location, point of observation etc) Observations were made using the best tools available (microscope, telescope, field glasses etc)	Observations were made consistently with an attention to detail expressed in precise language.
Appearance	More work is needed to make the display neat.	The information is displayed clearly and neatly.	The project commands attention, is extremely neat and easy to read.
Recording skills	Recording is done with inconsistent standards Uses subjective words like: big, good, ugly.	Recording is done with consistent standards. Records are fairly well kept.	Recording is accurate, consistent, neat and data is very usable.

Project Name _____

Total score _____

Scoring Rubric

Project Number _____

COSEE Science Fair

Student(s) name(s) _____

Individual
Team
Class
