

Pearl Creek Science Fair Judging Form

SCIENTIFIC EXPERIMENT

PROJECT #

Student(s): _____ Grade Level(s): _____

Project Title: _____ Teacher: _____

Evaluator(s): _____

CRITERION	Circle one number per criterion – DO NOT TALLY TOTAL POINTS			
	4 PTS - <i>SUPERIOR</i>	3 PTS - <i>GOOD</i>	2 PTS - <i>ADEQUATE</i>	1 PT - <i>POOR</i>
QUESTION	<ul style="list-style-type: none"> • Very <u>clear & testable</u> 	<ul style="list-style-type: none"> • Mostly clear & testable 	<ul style="list-style-type: none"> • Vague &/or un-testable 	<ul style="list-style-type: none"> • No question stated
HYPOTHESIS/ PREDICTION	<ul style="list-style-type: none"> • Prediction(s) <u>relates to project question</u> 	<ul style="list-style-type: none"> • Prediction mostly relates to project question 	<ul style="list-style-type: none"> • Prediction somewhat relates to question 	<ul style="list-style-type: none"> • No hypothesis
PROCEDURE/ METHODS	<ul style="list-style-type: none"> • Very <u>clear understanding</u> • Thorough, <u>excellent explanation</u> • Detailed <u>step-by-step instructions</u> • <u>Allows duplication</u> 	<ul style="list-style-type: none"> • Clear understanding • Good explanation • Includes major steps • Might be able to duplicate 	<ul style="list-style-type: none"> • Understands • Explains some of procedure • Missing significant steps • Hard to duplicate 	<ul style="list-style-type: none"> • Unable to answer how they performed experiment • Unable to duplicate
EXPERIMENT	<ul style="list-style-type: none"> • <u>Repeated 3+ times</u> • <u>Detailed explanation</u> of what happened 	<ul style="list-style-type: none"> • Repeated 1-2 times • Explains most of what happened 	<ul style="list-style-type: none"> • Not repeated • Explains some, but forgets parts 	<ul style="list-style-type: none"> • Not repeated • Can't explain experiment
DATA/ OBSERVATIONS	<ul style="list-style-type: none"> • Very <u>clear, accurate, & complete records</u> • Multiple <u>charts, graphs, or tables</u> • Uses <u>correct units, labeled axes, and accurate intervals</u> 	<ul style="list-style-type: none"> • Mostly complete & accurate records • Some labeled charts, tables or graphs 	<ul style="list-style-type: none"> • Partial, incomplete records • Charts, tables graphs are unlabeled and inaccurate 	<ul style="list-style-type: none"> • Unclear records and illustrations
CONCLUSION	<ul style="list-style-type: none"> • Thoughtful, accurate conclusion <u>consistent w/ data</u> • Strongly <u>supported by results</u> • <u>Refers to initial question and hypothesis</u> 	<ul style="list-style-type: none"> • Mostly accurate conclusion is consistent with most of data • Mostly supported by results • Refers to question or hypothesis 	<ul style="list-style-type: none"> • Conclusion inconsistent with data results • Doesn't address question or initial hypothesis 	<ul style="list-style-type: none"> • Unreasonable conclusion • Doesn't address question or initial hypothesis

SCIENTIFIC EXPERIMENT

DISPLAY	<ul style="list-style-type: none"> • <u>Organized neatly</u> • Logical and <u>easy to understand</u> • All <u>titles, easy-to-read</u> • <u>Info on all scientific categories</u> • Has <u>pictures</u> 	<ul style="list-style-type: none"> • Mostly organized • Mostly logical, fairly easy to understand • Many easy to read titles • Info for nearly all categories 	<ul style="list-style-type: none"> • Some organization • Some logic, but difficult to understand • Messy, hard to read titles • Info for some categories 	<ul style="list-style-type: none"> • Unorganized • Difficult to understand • No titles or info for most categories • No pictures
STUDENT-DIRECTED WORK	<ul style="list-style-type: none"> • Clearly <u>student's own work</u> • <u>Topic stems from student's</u> curiosity and desire to understand world • <u>Kid-style spelling and grammar</u> • <u>Student's voice</u> and/or quotes • Student <u>answers all "process" questions</u> easily • Nearly all <u>drawings by student</u> 	<ul style="list-style-type: none"> • Mostly student's own work • Topic is adult-inspired, but kid enjoys • Mostly kid-style spelling and grammar • Mostly student's voice/quotes • Student can answer most process questions easily • Most drawings by student 	<ul style="list-style-type: none"> • Some of student's work <i>OR</i> Not sure how much is student's • Adult-driven topic, student is mildly interested • Some kid-style spelling and grammar • Voice lacks student's tone/quotes • Student has hard time answering questions about procedure • Drawing from internet, or other sources 	<ul style="list-style-type: none"> • Not student's own work • Adult-driven topic, student disinterested • No kid-style spelling and grammar • Adult-voice and no quotes (Project may look too perfect and un-kidlike) • Student is unable to answer process questions • All illustrations from others
SOURCES/ACKNOWLEDGMENTS	<ul style="list-style-type: none"> • <u>3 or more sources</u>, from variety of places that provide context • <u>Acknowledges all help</u> 	<ul style="list-style-type: none"> • 1-2 sources • Acknowledges most help 	<ul style="list-style-type: none"> • 1 or less sources • Acknowledges some help 	<ul style="list-style-type: none"> • No sources • No acknowledgements
ORAL SKILLS	<ul style="list-style-type: none"> • <u>Composed, prepared</u> • Introduces project and self <u>with enthusiasm</u> • Speaks clearly, <u>easily understood</u> • Makes eye contact 	<ul style="list-style-type: none"> • Mostly prepared • Enjoys sharing • Mostly heard and understood • Makes fairly good eye contact 	<ul style="list-style-type: none"> • Prepared some • Hesitates to share • Hard to hear, can be understood • Looks down a lot 	<ul style="list-style-type: none"> • Unprepared • Disinterested • Quiet, mumbles, hard to understand • Avoids eye contact
ORAL KNOWLEDGE	<ul style="list-style-type: none"> • <u>Strong knowledge</u> • <u>Strong understanding</u> of topic, procedure, and results • Is able to extend beyond project 	<ul style="list-style-type: none"> • Good knowledge • Mostly understands and explains topic, procedure, and results 	<ul style="list-style-type: none"> • Adequate knowledge • Understands and explains some of topic, procedure, and results 	<ul style="list-style-type: none"> • Poor knowledge • Doesn't understand much of topic, procedure, or results
POINT SYSTEM:	1st = 39-44 Pts	2nd = 32-38 Pts	3rd = 11-31 Pts	

COMMENTS (use back too):

TO BE FILLED OUT BY COORDINATOR ONLY:

/ 44

PLACEMENT (Circle One):

1st

2nd

3rd