

Pearl Creek Science Fair Judging Form

SCIENTIFIC EXPERIMENT – Kindergarten – 3rd Grades

PROJECT #

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

Project Title: _____ Teacher: _____

Evaluator(s): _____

CRITERION	Circle one point per criterion – DO NOT TALLY TOTAL POINTS			
IF NOT ON DISPLAY- MUST BE ABLE TO ANSWER:	4 PTS - SUPERIOR	3 PTS - GOOD	2 PTS - ADEQUATE	1 PT - POOR
QUESTION	<ul style="list-style-type: none"> • <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
HYPOTHESIS/PREDICTION	<ul style="list-style-type: none"> • Predictions mostly <u>relate to project question</u> 	<ul style="list-style-type: none"> • Prediction somewhat relates to project question 	<ul style="list-style-type: none"> • Prediction doesn't relate to question 	<ul style="list-style-type: none"> • No hypothesis
PROCEDURE/METHODS	<ul style="list-style-type: none"> • Clear <u>understanding</u> • <u>Explains most of the steps</u> 	<ul style="list-style-type: none"> • Mostly clear understanding • Explains some of the steps 	<ul style="list-style-type: none"> • Understands procedure • Explains with prompting • Missing significant steps 	<ul style="list-style-type: none"> • Unable to explain how they performed experiment
DATA/OBSERVATIONS	<ul style="list-style-type: none"> • Mostly clear data 	<ul style="list-style-type: none"> • Somewhat clear, limited data 	<ul style="list-style-type: none"> • Partial data is unclear 	<ul style="list-style-type: none"> • Unclear and inaccurate data
CONCLUSION <small>What did you learn, & did your experiment answer your questions?</small>	<ul style="list-style-type: none"> • Thoughtful, <u>accurate</u> • Conclusion <u>refers to initial question and hypothesis</u> 	<ul style="list-style-type: none"> • Mostly accurate • Conclusion refers to initial question <i>or</i> hypothesis 	<ul style="list-style-type: none"> • Incomplete or inaccurate • Conclusion inconsistent w/ question or hypothesis 	<ul style="list-style-type: none"> • No conclusion
DISPLAY	<ul style="list-style-type: none"> • <u>Mostly organized</u> • Many titles, <u>fairly easy to read</u> • Mostly logical, <u>can understand</u> • <u>Info about experiment</u> 	<ul style="list-style-type: none"> • Some organization • Several titles, mostly readable • Some logic, mostly understand • Some info on experiment 	<ul style="list-style-type: none"> • A little unorganized • Some titles, hard to read • Some logic, can understand • Incomplete info 	<ul style="list-style-type: none"> • Unorganized • Titles minimal, unreadable • Illogical, can't understand • Inaccurate info
STUDENT-DIRECTED WORK	<ul style="list-style-type: none"> • Clearly <u>student's own work</u> • <u>Topic stems from student's curiosity and desire to understand world</u> • <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 OR Not sure how much is kid's • Adult-driven topic, student is mildly interested • Some kid-style spelling & grammar • Voice lacks kid tone/ quotes • Hard time answering process questions • From other sources/ internet 	<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 - Perfect and un-kidlike • Unable to answer process questions • No illustrations by student

SCIENTIFIC EXPERIMENT – Kindergarten - 2nd Grades

ACKNOWLEDGMENTS	<ul style="list-style-type: none"> • <u>Acknowledges all help</u> 	<ul style="list-style-type: none"> • Acknowledges most help 	<ul style="list-style-type: none"> • Acknowledges some help, but may need prompting 	<ul style="list-style-type: none"> • 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 <u>eye contact</u> 	<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> • Clear accurate <u>information about experiment and methods</u> 	<ul style="list-style-type: none"> • Good knowledge • Explains most of experiment and experiment methods 	<ul style="list-style-type: none"> • Adequate knowledge • Explains some of experiment and methods 	<ul style="list-style-type: none"> • Insufficient knowledge • Can't explain experiment or experiment methods
POINT SYSTEM:	1st = 35-40 Pts	2nd = 25-34 Pts	3rd = 10-24 Pts	

JUDGES — PLEASE PROVIDE *DISTRICT* LEVEL FEEDBACK *IF TIME ALLOWS*:

<i>These extra-curricular criterion are not required for school science fair projects, however, they will need these qualities to do well at district:</i>	DISTRICT QUALIFYING CRITERIA -- EXPERIMENT		
	Exceptional	Average	Needs Work
EXPERIMENT DUPLICATES	<ul style="list-style-type: none"> • Repeated 3 or more times, or has exceptional sample size 	<ul style="list-style-type: none"> • Repeated 1 or 2 times 	<ul style="list-style-type: none"> • Not repeated
DATA	<ul style="list-style-type: none"> • Has graphs & tables • Clearly labeled with titles, correct intervals, & units 	<ul style="list-style-type: none"> • Has a graph and/or a table, labeled but without details 	<ul style="list-style-type: none"> • No Graphs/Tables/Pics
RESEARCH & SOURCES	<ul style="list-style-type: none"> • 3 +, properly cited sources & all acknowledgements 	<ul style="list-style-type: none"> • 1 or 2 sources, & all acknowledgments 	<ul style="list-style-type: none"> • No sources or acknowledgements
All SCIENTIFIC METHOD STEPS LISTED ON BOARD	<ul style="list-style-type: none"> • 5+ Categories with titles and description on board 	<ul style="list-style-type: none"> • Majority of categories with titles on board 	<ul style="list-style-type: none"> • 1-2 steps on board
PROCEDURE	<ul style="list-style-type: none"> • Details are written so that others can duplicate exp. 	<ul style="list-style-type: none"> • Details on board are mostly complete, but steps missing 	<ul style="list-style-type: none"> • No procedure or manual on how to perform.

COMMENTS (use back too):

TO BE FILLED OUT BY COORDINATOR ONLY:

PLACEMENT (Circle One):

1st

2nd

3rd

/40