

**Score Sheets from the 2008 N. Carolina Region IV Science Fair
February 21, 2009**

Proj. No.	Category (max score)	Score	Comments
EE20	Creative Ability (30)	30	Useful and creative project
	Scientific Thought (30)	25	Clear, great data
	Thoroughness (10)	9	Notes- Great! Well-involved in project
	Skill (10)	10	very orderly
	Clarity (10)	10	wonderful
	Interview (10)	10	
94			
EE71	Creative Ability (30)	28	I found it very innovative
	Scientific Thought (30)	28	Good observation power, which headed to the original question
	Thoroughness (10)	9	Logging record- maintained a notebook to record data
	Skill (10)	9	
	Clarity (10)	10	
	Interview (10)	10	
96			
EE96	Creative Ability (30)	26	Great subject choice. Very timely
	Scientific Thought (30)	28	Posed interesting hypothesis
	Thoroughness (10)	9	An appropriate amount
	Skill (10)	9	Looked like a lot of work
	Clarity (10)	9	Adequate title. Did not make us wonder
	Interview (10)	9	Good. Knew project well
90			
EE25	Creative Ability (30)	30	Great idea with practical application
	Scientific Thought (30)	26	
	Thoroughness (10)	10	
	Skill (10)	10	
	Clarity (10)	10	
	Interview (10)	9	
95			
EE18	Creative Ability (30)	30	Very creative
	Scientific Thought (30)	21	
	Thoroughness (10)	8	
	Skill (10)	10	
	Clarity (10)	5	
	Interview (10)	6	
80			
EE30	Creative Ability (30)	25	Offer submitted project
	Scientific Thought (30)	25	Not a true hypothesis
	Thoroughness (10)	10	
	Skill (10)	10	
	Clarity (10)	10	
	Interview (10)	8	Very impressed with her knowledge
88			
EE12	Creative Ability (30)	24	Good ability to continue this study using different parameters. Nice level of creativity in idea and building of apparatus.
	Scientific Thought (30)	28	Good use of scientific method and follow through

	Thoroughness (10)	8	Nice levels of repeated experiments under different conditions
	Skill (10)	8	
	Clarity (10)	10	Not clear where experimental sheets went. Other than that great documenting.
	Interview (10)	10	
		88	
EE03	Creative Ability (30)	23	Explain why this project is important
	Scientific Thought (30)	20	you could explain more your conclusion
	Thoroughness (10)	10	
	Skill (10)	10	
	Clarity (10)	9	Justify your hypothesis
	Interview (10)	6	
		78	
EE46	Creative Ability (30)	21	Love the different animals
	Scientific Thought (30)	25	A formal control would be good but good procedure
	Thoroughness (10)	6	
	Skill (10)	7	
	Clarity (10)	9	Very nice poster
	Interview (10)	10	Looked sharp
		78	
EE59	Creative Ability (30)	24	Excellent Originality
	Scientific Thought (30)	22	
	Thoroughness (10)	8	
	Skill (10)	8	
	Clarity (10)	10	Display well represented topic
	Interview (10)	9	
		81	
EE78	Creative Ability (30)	25	
	Scientific Thought (30)	20	
	Thoroughness (10)	7	eliminate variable by holding each metal object t
	Skill (10)	7	
	Clarity (10)	9	
	Interview (10)	5	
		73	
EE86	Creative Ability (30)	28	Interesting idea
	Scientific Thought (30)	26	Scope of the project was appropriate
	Thoroughness (10)	8	ok, for what was attempted
	Skill (10)	8	Look like these would be difficult to construct
	Clarity (10)	5	Very small hard to read text.
	Interview (10)	7	Good
		82	
EE83	Creative Ability (30)	28	
	Scientific Thought (30)	20	Wax makes more difference than color
	Thoroughness (10)	5	
	Skill (10)	5	
	Clarity (10)	10	
	Interview (10)	6	
		74	
EE49	Creative Ability (30)	23	
	Scientific Thought (30)	25	

	Thoroughness (10)	9	
	Skill (10)	10	Required skill to assess the vision
	Clarity (10)	8	Typographical errors
	Interview (10)	5	
		82	
EE42	Creative Ability (30)	25	Different types of cleaning were good
	Scientific Thought (30)	25	Try soap in dishwasher
	Thoroughness (10)	6	
	Skill (10)	5	
	Clarity (10)	8	Nice organization on poster good summary
	Interview (10)	9	Very nice interview
		78	
EE75	Creative Ability (30)	20	
	Scientific Thought (30)	25	
	Thoroughness (10)	10	
	Skill (10)	7	
	Clarity (10)	9	
	Interview (10)	8	
		79	
EE2	Creative Ability (30)	12	
	Scientific Thought (30)	15	
	Thoroughness (10)	5	No notes on research/notebook
	Skill (10)	10	
	Clarity (10)	8	Suggest a broader range of smells
	Interview (10)	6	
		56	
EE3	Creative Ability (30)	9	
	Scientific Thought (30)	14	Good use of scientific method
	Thoroughness (10)	5	
	Skill (10)	6	
	Clarity (10)	7	Data size too small. Fingerprints are known to be random. Conclusion may be valid based on a small data set, but are not generally valid
	Interview (10)	5	
		46	
EE4	Creative Ability (30)	10	
	Scientific Thought (30)	14	I don't understand your method
	Thoroughness (10)	6	No research notebook
	Skill (10)	4	
	Clarity (10)	4	
	Interview (10)	6	
		44	
EE5	Creative Ability (30)	17	Excellent question There is a relationship not well studied
	Scientific Thought (30)	12	Missing analysis step in scientific method
	Thoroughness (10)	5	
	Skill (10)	3	
	Clarity (10)	5	Is gender related? Limited analysis of data Persons names should not be given
	Interview (10)	7	
		39	

EE6	Creative Ability (30)	20	Good use of different experimental parameters	
	Scientific Thought (30)	17	Good use of scientific method and follow through	
	Thoroughness (10)	8	Good collection of data but couldn't repeat and average results to get more complete analysis	
	Skill (10)	6		
	Clarity (10)	7	Chart needs to be clearer with separated headers hypothesis needs to be shortened and focus on one question at a time. Not clear how high the ball was dropped from. Wording needs to be cleaned up to make it easier to understand what was done and what you learned.	
	Interview (10)	7		
		58		
EE7	Creative Ability (30)	12	Reproducing Antonio Beulense method but on home soil samples	
	Scientific Thought (30)	10		
	Thoroughness (10)	4		
	Skill (10)	6		
	Clarity (10)	7	Hypothesis appears to be limited in scope, include prediction of which soil sample you tested would have most arthropods in it. Procedure needs to be clear how the Berlese funnel will allow you to see what is present in the soil. Good survey project.	
	Interview (10)	8		
		47		
EE8	Creative Ability (30)	15	Hypothesis does not totally explain how experiment was conducted.	
	Scientific Thought (30)	16	Good method	
	Thoroughness (10)	6	Nice abstract and good images to illustrate process.	
	Skill (10)	5		
	Clarity (10)	5	Concerned that the way the angle was determined is not correct. Have a measurement but not of the angle of the plane	
	Interview (10)	7		
		54		
EE9	Creative Ability (30)	8	Good basic project to illustrate a scientific principle but would like more individual creativity for a science fair project	
	Scientific Thought (30)	18		
	Thoroughness (10)	5	Nice illustrations but needs comments on what they are showing.	
	Skill (10)	5		
	Clarity (10)	6		
	Interview (10)	6		
		48		

EE14	Creative Ability (30)	23		
	Scientific Thought (30)	22		
	Thoroughness (10)	5		
	Skill (10)	10		
	Clarity (10)	5	Very clear and knowledgable	
	Interview (10)	6		
		71		
EE15	Creative Ability (30)	15		
	Scientific Thought (30)	15		
	Thoroughness (10)	4		
	Skill (10)	4		
	Clarity (10)	4		
	Interview (10)	10	Very intelligent. Very thorough in presentation	
		52		
EE16	Creative Ability (30)	28		
	Scientific Thought (30)	16	water temp? heat transfer rate is more important than temperature	
	Thoroughness (10)	8		
	Skill (10)	8		
	Clarity (10)	7		
	Interview (10)	5	ok, relax	
		72		
EE17	Creative Ability (30)	25	good	
	Scientific Thought (30)	15	very nice	
	Thoroughness (10)	5	very accurate	
	Skill (10)	5	nice	
	Clarity (10)	4	clear and to the point	
	Interview (10)	9	explained why, gave good explanation	
		63		
EE19	Creative Ability (30)	10		
	Scientific Thought (30)	10		
	Thoroughness (10)	3		
	Skill (10)	5		
	Clarity (10)	6		
	Interview (10)	4		
		38		
EE21	Creative Ability (30)	20		
	Scientific Thought (30)	20		
	Thoroughness (10)	9		
	Skill (10)	9		
	Clarity (10)	7	Redo graphs	
	Interview (10)	7		
		72		
EE23	Creative Ability (30)	15		
	Scientific Thought (30)	10		
	Thoroughness (10)	5		
	Skill (10)	3		
	Clarity (10)	4		
	Interview (10)	9	Very clear, very good	
		42		
EE26	Creative Ability (30)	10		

	Scientific Thought (30)	20	Lacks proper control	
	Thoroughness (10)	10		
	Skill (10)	10		
	Clarity (10)	5	Data fluctuations not able to be explained	
	Interview (10)	10	Great intro and presentation	
		65		
EE27	Creative Ability (30)	20	seems like project was idea of parents	
	Scientific Thought (30)	20	no hypothesis	
	Thoroughness (10)	10		
	Skill (10)	5	parental involvement	
	Clarity (10)	10		
	Interview (10)	10	very pleasant, knew his subject. Needs work on IV and DV	
		75		
EE28	Creative Ability (30)	25		
	Scientific Thought (30)	20	comparasion but no control group	
	Thoroughness (10)	5	no permission statement of people in photos this is required	
	Skill (10)	5	increase number of trials	
	Clarity (10)	10		
	Interview (10)	8	knowledgable of subject matter knew IV and DV	
		73		
EE29	Creative Ability (30)	25	very common science project	
	Scientific Thought (30)	20	clear variables lacks control group	
	Thoroughness (10)	5	increase number of trials	
	Skill (10)	10		
	Clarity (10)	10	procedure very clear	
	Interview (10)	0	not present	
		70		
EE33	Creative Ability (30)	15	commonly done project	
	Scientific Thought (30)	20	Not a true hypothesis	
	Thoroughness (10)	10		
	Skill (10)	10		
	Clarity (10)	10		
	Interview (10)	10	knows material	
		75		
EE34	Creative Ability (30)	15		
	Scientific Thought (30)	25		
	Thoroughness (10)	8		
	Skill (10)	8		
	Clarity (10)	10		
	Interview (10)	3	weak	
		69		
EE35	Creative Ability (30)	15		
	Scientific Thought (30)	15	didn't test a hypothesis	
	Thoroughness (10)	10		
	Skill (10)	10		
	Clarity (10)	10		
	Interview (10)	10		
		70		
EE36	Creative Ability (30)	20	Your idea?	

	Scientific Thought (30)	20	difficult to tell without lab notes	
	Thoroughness (10)	10		
	Skill (10)	10		
	Clarity (10)	8	needed to see note	
	Interview (10)	4		
		72		
EE37	Creative Ability (30)	23	good idea well presented	
	Scientific Thought (30)	23	very good procedure and repeat	
	Thoroughness (10)	8		
	Skill (10)	6		
	Clarity (10)	8	data was awesome	
	Interview (10)	10	very well presented answered questions well	
		78		
EE38	Creative Ability (30)	27	neat idea	
	Scientific Thought (30)	22	good procedure and repeated trials	
	Thoroughness (10)	8		
	Skill (10)	5		
	Clarity (10)	8	clear purpose	
	Interview (10)	3	show confidence and enthusiasm	
		73		
EE39	Creative Ability (30)	15		
	Scientific Thought (30)	18	good interest/ Love the cat.	
	Thoroughness (10)	6	did you use any references?	
	Skill (10)	5		
	Clarity (10)	4	explain purpose of project better	
	Interview (10)	8	great interview enthusiastic	
		56		
EE40	Creative Ability (30)	14	Interesting question to pose	
	Scientific Thought (30)	14	need more samples look at more plants and flowers do controls and more than one trial	
	Thoroughness (10)	4	need more variety and larger sample pool	
	Skill (10)	4		
	Clarity (10)	5		
	Interview (10)	6	be more knowledgeable and act more enthusiastic	
		47		
EE43	Creative Ability (30)	20	interesting idea relating to brain	
	Scientific Thought (30)	18		
	Thoroughness (10)	9	very complete survey, good questions	
	Skill (10)	5		
	Clarity (10)	9	very clear	
	Interview (10)	7	knew a lot	
		68		
EE44	Creative Ability (30)	26	interesting physics approach	
	Scientific Thought (30)	16	need more repeated methods	
	Thoroughness (10)	5		
	Skill (10)	6		
	Clarity (10)	4	mention more of kinetic and pot. Energy impact measure this if you can	
	Interview (10)	8	very knowledgeable and enthusiastic	

			64	
EE47	Creative Ability (30)	24	Very different approach, original idea	
	Scientific Thought (30)	17	try doing more than just one trial for each vinegar	
	Thoroughness (10)	6		
	Skill (10)	5		
	Clarity (10)	5	indicate that pictures flip up good photos	
	Interview (10)	8		
			65	
EE51	Creative Ability (30)	15	new idea?	
	Scientific Thought (30)	25	well thought out	
	Thoroughness (10)	8		
	Skill (10)	7		
	Clarity (10)	7		
	Interview (10)	9	seemed interested in topic	
			75	
EE52	Creative Ability (30)	21		
	Scientific Thought (30)	20		
	Thoroughness (10)	8	tested many different kinds of materials	
	Skill (10)	7		
	Clarity (10)	8		
	Interview (10)	6		
			70	
EE53	Creative Ability (30)	15		
	Scientific Thought (30)	20		
	Thoroughness (10)	8		
	Skill (10)	5		
	Clarity (10)	10		
	Interview (10)	10	presented very well during interview and knew project inside and out	
			68	
EE55	Creative Ability (30)	24		
	Scientific Thought (30)	18		
	Thoroughness (10)	8	used adequate variables	
	Skill (10)	8		
	Clarity (10)	10	clear presentation of data	
	Interview (10)	10		
			78	
EE58	Creative Ability (30)	20		
	Scientific Thought (30)	28	really knew material	
	Thoroughness (10)	7	would have liked to have seen a Ph test on liquids	
	Skill (10)	7		
	Clarity (10)	4		
	Interview (10)	10	Great teamwork on interview	
			76	
EE60	Creative Ability (30)	21		
	Scientific Thought (30)	21	was a good connection to real world env. Concerns	
	Thoroughness (10)	8		
	Skill (10)	7		
	Clarity (10)	7		

	Interview (10)	8	
		70	
EE61	Creative Ability (30)	25	very good hypothesis
	Scientific Thought (30)	23	you could measure the surface area
	Thoroughness (10)	8	
	Skill (10)	6	
	Clarity (10)	8	very good
	Interview (10)	6	
		76	
EE62	Creative Ability (30)	23	explain better procedure
	Scientific Thought (30)	22	explain or justify hypothesis better
	Thoroughness (10)	9	
	Skill (10)	10	
	Clarity (10)	9	explain more the difference between the types of friction
	Interview (10)	8	
		78	
EE64	Creative Ability (30)	18	justify or explain why you followed this particular procedure
	Scientific Thought (30)	20	explain why this project is important
	Thoroughness (10)	6	explain hypothesis better
	Skill (10)	10	
	Clarity (10)	10	
	Interview (10)	9	
		73	
EE68	Creative Ability (30)	23	
	Scientific Thought (30)	19	
	Thoroughness (10)	5	
	Skill (10)	8	
	Clarity (10)	7	
	Interview (10)	10	
		71	
EE69	Creative Ability (30)	20	
	Scientific Thought (30)	17	
	Thoroughness (10)	6	
	Skill (10)	6	
	Clarity (10)	6	
	Interview (10)	9	
		63	
EE70	Creative Ability (30)	15	standard test
	Scientific Thought (30)	20	
	Thoroughness (10)	8	
	Skill (10)	8	
	Clarity (10)	9	
	Interview (10)	10	
		70	
EE76	Creative Ability (30)	20	
	Scientific Thought (30)	25	no notebook
	Thoroughness (10)	5	need ph measurements
	Skill (10)	7	
	Clarity (10)	5	
	Interview (10)	9	

		71	
EE79	Creative Ability (30)	23	
	Scientific Thought (30)	20	
	Thoroughness (10)	5	state why you think soil in yard would affect ph
	Skill (10)	5	
	Clarity (10)	5	
	Interview (10)	6	
		64	
EE81	Creative Ability (30)	23	
	Scientific Thought (30)	20	
	Thoroughness (10)	5	need a notebook
	Skill (10)	5	
	Clarity (10)	5	
	Interview (10)	8	good enthusiasim
		66	
EE82	Creative Ability (30)	18	Use different instruments to test batteries
	Scientific Thought (30)	20	
	Thoroughness (10)	5	needs a notebook
	Skill (10)	5	
	Clarity (10)	10	
	Interview (10)	7	
		65	
EE84	Creative Ability (30)	15	
	Scientific Thought (30)	15	
	Thoroughness (10)	7	Need notebook
	Skill (10)	3	
	Clarity (10)	10	
	Interview (10)	10	Excellent interview
		60	
EE88	Creative Ability (30)	27	Great subject
	Scientific Thought (30)	22	
	Thoroughness (10)	5	
	Skill (10)	7	looks like a lot of work
	Clarity (10)	6	poster is clear. Results are vague
	Interview (10)	9	good
		76	
EE91	Creative Ability (30)	22	poses an important question.
	Scientific Thought (30)	22	Nice model of hypothesis.
	Thoroughness (10)	5	nothing really new or even unexpected in conclusion
	Skill (10)	7	good effort in construction
	Clarity (10)	7	resonable but what is the point?
	Interview (10)	9	good
		72	
EE92	Creative Ability (30)	23	poses an interesting question
	Scientific Thought (30)	20	hypothesis doesn't match the method
	Thoroughness (10)	7	
	Skill (10)	7	
	Clarity (10)	7	intent and results seem vague
	Interview (10)	9	really seemed to have learned from project
		73	

EE93	Creative Ability (30)	22	interesting idea	
	Scientific Thought (30)	22	good, straightforward, hypothesis..	
	Thoroughness (10)	7		
	Skill (10)	7	photos prove a good understanding	
	Clarity (10)	7	lacks understanding of the practicality of work	
	Interview (10)	9	seems to have learned a lot by building the project	
		74		
EE94	Creative Ability (30)	25		
	Scientific Thought (30)	15	Forgot that large samples are needed to prove conclusions	
	Thoroughness (10)	7	ok for project	
	Skill (10)	9	good looking graphs and charts	
	Clarity (10)	8	conclusion sounds like a nintendo commerical	
	Interview (10)	9	good. Maybe misunderstood some interview question	
		73		
EE95	Creative Ability (30)	20	peaks our interest	
	Scientific Thought (30)	20	hypothesis is already well known	
	Thoroughness (10)	5	does this model reflect reality? Was anything new learned?	
	Skill (10)	5		
	Clarity (10)	5		
	Interview (10)	8	was not able to explain some aspects of project	
		63		
EE97	Creative Ability (30)	20	need to clarify what was to be learned	
	Scientific Thought (30)	20	finding out the % water was interesting. Lack of clarity (again)	
	Thoroughness (10)	5	Why not look at rates of evaporation/drying under different conditions	
	Skill (10)	5	not a bad looking presentation	
	Clarity (10)	1	research statement/question is not clear. Make a better title to fit the project.	
	Interview (10)	7	Too shy. Not a lot to say.	
		58		
JE4	Creative Ability (30)	30		
	Scientific Thought (30)	30		
	Thoroughness (10)	8		
	Skill (10)	10		
	Clarity (10)	10		
	Interview (10)	10	knows her experiment. Excellent	
		98		
JE9	Creative Ability (30)	30		
	Scientific Thought (30)	28	clarigy hypothesis	
	Thoroughness (10)	7		
	Skill (10)	10		
	Clarity (10)	10		

	Interview (10)	10	True scientist. Very knowledgeable of experiment.
		95	
JE12	Creative Ability (30)	30	
	Scientific Thought (30)	23	need to clarify hypothesis
	Thoroughness (10)	10	
	Skill (10)	9	
	Clarity (10)	6	
	Interview (10)	10	
		88	
JE19	Creative Ability (30)	28	
	Scientific Thought (30)	27	
	Thoroughness (10)	9	
	Skill (10)	10	
	Clarity (10)	10	
	Interview (10)	9	
		88	
JE17	Creative Ability (30)	28	
	Scientific Thought (30)	21	needs to clarify hypothesis. Needs research background on the affects of detergents to plant growth
	Thoroughness (10)	8	
	Skill (10)	10	Has potential for future scientific endeavors
	Clarity (10)	9	
	Interview (10)	7	Talking to him shows promise for future science fairs.
		83	
JE14	Creative Ability (30)	19	This is not an unknown but supportine a well known outcome.
	Scientific Thought (30)	25	
	Thoroughness (10)	8	Needs a control
	Skill (10)	9	
	Clarity (10)	9	
	Interview (10)	10	knowledgable of experiment could use help on what hypothesis is testing
		80	
JE15	Creative Ability (30)	24	refine by use of UV light to control variable
	Scientific Thought (30)	24	
	Thoroughness (10)	3	lacking notebook
	Skill (10)	10	
	Clarity (10)	7	add notebook
	Interview (10)	10	excellent job.
		78	
JE2	Creative Ability (30)	25	good idea. Loved the corn covered by clear plastic
	Scientific Thought (30)	20	
	Thoroughness (10)	8	
	Skill (10)	8	data in notebook excellent. Poster does not support
	Clarity (10)	6	
	Interview (10)	8	
		75	

JE11	Creative Ability (30)	20	common experiment
	Scientific Thought (30)	21	what is the point?
	Thoroughness (10)	6	no notebook, needs graphs
	Skill (10)	7	exp. Doesn't require much skill
	Clarity (10)	6	4 min chart is confusing
	Interview (10)	5	needs to learn more on the scientific method
		65	
JE13	Creative Ability (30)	21	very original need better equipment
	Scientific Thought (30)	19	need a more defined procedure
	Thoroughness (10)	7	3 samples each is good. Need alternate approach
	Skill (10)	8	gravimetric analysis is comendable
	Clarity (10)	2	needs to present material more clearly
	Interview (10)	5	
		62	
JE6	Creative Ability (30)	16	Recycling has to do with biological impact. The experiment needs to refelct this
	Scientific Thought (30)	12	add a recycable product. No variable stated on poster or book
	Thoroughness (10)	4	
	Skill (10)	6	graph does not show what y-values represent
	Clarity (10)	6	
	Interview (10)	7	Aspiring but needs some help. Doesn't quite understand sci. method
		51	
JE3	Creative Ability (30)	20	
	Scientific Thought (30)	11	good hypothesis. Needs some development
	Thoroughness (10)	6	no logbook
	Skill (10)	6	needs some data
	Clarity (10)	6	
	Interview (10)	0	
		49	
JB16	Creative Ability (30)	30	
	Scientific Thought (30)	24	error rates very small compared to notes played
	Thoroughness (10)	10	
	Skill (10)	10	well connected
	Clarity (10)	8	charts a little hard to read
	Interview (10)	10	Excellent
		92	
JB02	Creative Ability (30)	27	original idea. Good use of multiple subjects. Good design of equipment
	Scientific Thought (30)	25	need to comment on athletic ability of subjects
	Thoroughness (10)	10	
	Skill (10)	10	
	Clarity (10)	6	data display needs to clarify data and variables confusing
	Interview (10)	10	Excellent

88			
JB14	Creative Ability (30)	28	Original idea several variables
	Scientific Thought (30)	26	
	Thoroughness (10)	10	
	Skill (10)	10	
	Clarity (10)	9	clarify description of experimental regimes
	Interview (10)	4	interview skills need improvement
87			
JB01	Creative Ability (30)	20	this is a pretty common exp.
	Scientific Thought (30)	25	
	Thoroughness (10)	6	few disinfectants, data presentation scanty
	Skill (10)	10	
	Clarity (10)	8	graph needs to be clearer
	Interview (10)	2	interview presentation needs improvement
71			
JB03	Creative Ability (30)	20	
	Scientific Thought (30)	18	background research on process should be done. Color of bananas isn't quantifiable
	Thoroughness (10)	6	only one trial with two samples each, larger sample size would be helpful
	Skill (10)	5	
	Clarity (10)	6	conclusion is only partially visible
	Interview (10)	2	needs improvement
57			
JB05	Creative Ability (30)	18	
	Scientific Thought (30)	19	Crispness isn't qualified
	Thoroughness (10)	5	only three samples in each group?
	Skill (10)	5	
	Clarity (10)	4	data is merely pictures of the process
	Interview (10)	2	needs improvement on presentation
53			
JB06	Creative Ability (30)	16	no method developed good data interpretation
	Scientific Thought (30)	12	diff between creepers and speeders not quantitatively defined
	Thoroughness (10)	8	
	Skill (10)	8	
	Clarity (10)	10	good data explanation
	Interview (10)	10	Excellent
64			
JB07	Creative Ability (30)	16	literature exists for this data and could be compared. Good construction of apparatus
	Scientific Thought (30)	21	no clear control
	Thoroughness (10)	6	what could be some alternate approach
	Skill (10)	6	accuracy of measurements not considered
	Clarity (10)	8	tomato is a fruit
	Interview (10)	8	seemed knowledgeable about project. Was aware of other comparable projects
65			
JB08	Creative Ability (30)	20	no explanation regarding why project done or application. Is a new take on a commonly performed procedure

	Scientific Thought (30)	19	no literature cited
	Thoroughness (10)	9	good number of trials(3) and time variables, multiple ones
	Skill (10)	9	
	Clarity (10)	9	
	Interview (10)	6	think of applications/implications of your project
		62	
JB09	Creative Ability (30)	19	problem was not clearly stated grass seeds are not sown indoors
	Scientific Thought (30)	19	variables were not thoroughly defined. No data cited
	Thoroughness (10)	6	conclusions are not based on repeated exp.
	Skill (10)	8	data presentation was satisfactory
	Clarity (10)	5	I had to read the notebook to understand grass seedlings were used
	Interview (10)	7	seem to understand problems with experimental design
		64	
JB10	Creative Ability (30)	18	subjects should have been divided based on age group
	Scientific Thought (30)	20	aims of the study are not well defined
	Thoroughness (10)	6	experiment has not been repeated
	Skill (10)	7	good job, was done in running the exp. In an orderly manner
	Clarity (10)	5	notebook not provided
	Interview (10)	7	one person in team more responsive than other
		63	
JB12	Creative Ability (30)	20	original but needs clarity
	Scientific Thought (30)	20	check out Harvthorne effect didn't test for variables scientifically
	Thoroughness (10)	7	
	Skill (10)	5	
	Clarity (10)	6	
	Interview (10)	6	couldn't explain how diet cola contained glucose-implies experimental error
		64	
JB15	Creative Ability (30)	20	project is often done
	Scientific Thought (30)	20	data was connected to conclusion
	Thoroughness (10)	8	good number of trials
	Skill (10)	8	well done
	Clarity (10)	7	charts were understandable but absent
	Interview (10)	7	presented subject well
		70	
JB19	Creative Ability (30)	18	Creative display neat idea need clarity
	Scientific Thought (30)	18	
	Thoroughness (10)	5	no one actually tasted foods-not addressed
	Skill (10)	5	what kind of reagent testing strip used?
	Clarity (10)	6	tested only for sugar as sweetner. Did not address sugar substitutes

	Interview (10)	6	didn't recognize outside influences on data
		68	
JB20	Creative Ability (30)	15	simple observations of an animal model
	Scientific Thought (30)	15	no real experiment dictionary definitions as variables hypothesis not really a testable question.
	Thoroughness (10)	8	observations do relate to question but only indirectly
	Skill (10)	6	more familiarity with the scientific method is needed
	Clarity (10)	6	connection between observations not clear
	Interview (10)	3	give more thought to how you drew your conclusions.
		53	
JP16	Creative Ability (30)	29	creative in design
	Scientific Thought (30)	29	average of 10 trials each
	Thoroughness (10)	9	significant in results
	Skill (10)	10	well done
	Clarity (10)	10	explains clearly
	Interview (10)	10	knows well in detail. Only weakness is control of temperature
		97	
JP13	Creative Ability (30)	28	good scientific method.
	Scientific Thought (30)	28	more original question
	Thoroughness (10)	9	thought out and planned well
	Skill (10)	9	well performed
	Clarity (10)	9	
	Interview (10)	9	did well
		92	
JP5	Creative Ability (30)	28	Interesting question.
	Scientific Thought (30)	29	simple/elegant exp. Excellent experiment. Well performed, good repeated trials.
	Thoroughness (10)	10	Repeated trials showed very thorough testing
	Skill (10)	9	data collected and presented well
	Clarity (10)	10	information clearly conveyed
	Interview (10)	9	good energy knows material well.
		95	
JP2	Creative Ability (30)	29	a lot of hard work
	Scientific Thought (30)	29	More trials are good. Good question and analysis of data
	Thoroughness (10)	9	good that there were multiple trials. Knew concepts and background well
	Skill (10)	9	data was obtained and used in calculations appropriately
	Clarity (10)	9	data and results presented clearly
	Interview (10)	9	very well
		94	
JP8	Creative Ability (30)	28	very passionate
	Scientific Thought (30)	28	good original idea
	Thoroughness (10)	8	good. Needed to have considered mass

	Skill (10)	8	
	Clarity (10)	8	
	Interview (10)	8	good explanation
		88	
JP19	Creative Ability (30)	26	Good useful project
	Scientific Thought (30)	26	
	Thoroughness (10)	9	Thought well
	Skill (10)	8	experimenter knew what was done
	Clarity (10)	8	data was preseted nicely
	Interview (10)	9	Explained well
		86	
JP23	Creative Ability (30)	26	Hitting device was a novel and nice idea
	Scientific Thought (30)	25	good project
	Thoroughness (10)	8	
	Skill (10)	9	
	Clarity (10)	9	data was orderely
	Interview (10)	9	expalined well
		86	
JP12	Creative Ability (30)	28	creative design
	Scientific Thought (30)	23	activity not well defined
	Thoroughness (10)	24	statistics on different methods not accumulated
	Skill (10)	9	well done
	Clarity (10)	10	explains well
	Interview (10)	10	knows well in detail.
		84	
JP15	Creative Ability (30)	27	creative problem. No equipment
	Scientific Thought (30)	27	Good exclusion of non-called strikes. Continue to make experiment objective
	Thoroughness (10)	7	Origianl question addressed relatively well
	Skill (10)	7	data obtained and analyzed well
	Clarity (10)	8	results presented clearly
	Interview (10)	8	good energy
		84	
JP09	Creative Ability (30)	28	too many variables
	Scientific Thought (30)	25	repeat the measurement
	Thoroughness (10)	6	did not present all data
	Skill (10)	7	very good
	Clarity (10)	10	very celar
	Interview (10)	10	very good
		86	
JP07	Creative Ability (30)	27	interesting question
	Scientific Thought (30)	27	good method
	Thoroughness (10)	6	
	Skill (10)	6	good skill
	Clarity (10)	8	doesn't know what octane is
	Interview (10)	8	very secure
		82	
JP24	Creative Ability (30)	25	may consider using vitamin C tabletsfor more precise measurements
	Scientific Thought (30)	26	what is the role of indophenol?
	Thoroughness (10)	10	incomplete questions

	Skill (10)	7	more precise.
	Clarity (10)	7	not very clear
	Interview (10)	7	very nervous
		82	
JP6	Creative Ability (30)	25	Fairly creative problem. Clearly student directed and performed
	Scientific Thought (30)	23	use fewer variables. Measure mass of ash relates to particulate matter. Don't use subjective observations.
	Thoroughness (10)	7	student could have spent more time in data. More repetition of trials
	Skill (10)	7	appropriate skill for student.
	Clarity (10)	7	
	Interview (10)	7	student was pleasant, clearly did their own research
		76	
JP22	Creative Ability (30)	21	not too creative of a problem but did multiple trials
	Scientific Thought (30)	23	didn't cite literature sources.
	Thoroughness (10)	8	question not completely addressed
	Skill (10)	8	
	Clarity (10)	8	well presented
	Interview (10)	7	Knowledgable. Explained procedure.
		75	
JP18	Creative Ability (30)	21	common idea
	Scientific Thought (30)	21	not a very clear plan of analyzing problem
	Thoroughness (10)	8	
	Skill (10)	7	data could be analyzed more precisely
	Clarity (10)	7	data could be presented more clearly
	Interview (10)	7	nervous
		71	
JP3	Creative Ability (30)	23	
	Scientific Thought (30)	21	Expose other types of bread in future exp. Clearly id variables, baking temp vs. rising temp.
	Thoroughness (10)	8	measure outcoems with more objectivity. Brownness of bread is fairly subjective.
	Skill (10)	5	measure moisture content before and after baking
	Clarity (10)	5	height measurement correctly obtained.
	Interview (10)	8	
		70	
JP20	Creative Ability (30)	22	Common idea
	Scientific Thought (30)	22	unclear method
	Thoroughness (10)	6	incomplete data
	Skill (10)	5	
	Clarity (10)	6	not very celar
	Interview (10)	7	secure
		68	
JP11	Creative Ability (30)	20	
	Scientific Thought (30)	15	repeat measurements
	Thoroughness (10)	10	

	Skill (10)	7	only one trial
	Clarity (10)	8	no clear trend in results
	Interview (10)	8	not well explained
		68	
JP25	Creative Ability (30)	20	very common interest
	Scientific Thought (30)	20	better testing method
	Thoroughness (10)	6	not the right method
	Skill (10)	7	you can't measure smell
	Clarity (10)	7	not very clear
	Interview (10)	7	not secure
		68	
JT2	Creative Ability (30)	25	
	Scientific Thought (30)	23	
	Thoroughness (10)	7	
	Skill (10)	8	
	Clarity (10)	9	clear graphs
	Interview (10)	10	nice explanations for what and how he did what he did
		82	
JT15	Creative Ability (30)	24	
	Scientific Thought (30)	23	
	Thoroughness (10)	8	
	Skill (10)	6	
	Clarity (10)	7	presentation is too busy (detailed) need to simplify a little
	Interview (10)	8	
		76	
JT12	Creative Ability (30)	23	
	Scientific Thought (30)	20	
	Thoroughness (10)	7	include that you tried blades with different number of fins
	Skill (10)	6	
	Clarity (10)	7	
	Interview (10)	9	
		72	
JT5	Creative Ability (30)	23	
	Scientific Thought (30)	18	
	Thoroughness (10)	7	
	Skill (10)	7	
	Clarity (10)	7	
	Interview (10)	5	
		67	
JT7	Creative Ability (30)	22	
	Scientific Thought (30)	19	
	Thoroughness (10)	6	
	Skill (10)	6	
	Clarity (10)	7	
	Interview (10)	5	
		65	
JT9	Creative Ability (30)	20	
	Scientific Thought (30)	19	

	Thoroughness (10)	6	
	Skill (10)	6	
	Clarity (10)	5	
	Interview (10)	5	
		61	
JT13	Creative Ability (30)	25	
	Scientific Thought (30)	14	units of measurement seem inappropriate. Methods not clearly presented
	Thoroughness (10)	5	notebooks present? Repeated observations good
	Skill (10)	5	
	Clarity (10)	3	too much spare. What was measured not clear. Hard to follow
	Interview (10)	7	
		59	
JT8	Creative Ability (30)	18	common question among gold ball manufacturers. Which balls were used?
	Scientific Thought (30)	17	Each player should have hit each ball multiple times
	Thoroughness (10)	5	tables are nice but a graph would be better.
	Skill (10)	5	
	Clarity (10)	5	
	Interview (10)	6	
		57	
JT14	Creative Ability (30)	21	
	Scientific Thought (30)	16	more data
	Thoroughness (10)	5	multiple trials (shots) would be good
	Skill (10)	5	
	Clarity (10)	4	nice appearance...but could have measured spread of shot
	Interview (10)	5	
		56	
JT1	Creative Ability (30)	19	
	Scientific Thought (30)	20	
	Thoroughness (10)	6	
	Skill (10)	5	how 4 pieces averaged?
	Clarity (10)	5	would have helped if the data graph was more prominent than poll graph. Data analysis approach not clear
	Interview (10)	7	
		62	
JT10	Creative Ability (30)	20	Would have helped to know why you chose these airplane designs
	Scientific Thought (30)	15	we're concerned about how consistent the throws were
	Thoroughness (10)	7	multiple trials are good. Why plane C distance so variable?
	Skill (10)	6	
	Clarity (10)	7	nicely graphed
	Interview (10)	8	
		63	

SP1	Creative Ability (30)	25	
	Scientific Thought (30)	25	need to describe more as to definition of affected
	Thoroughness (10)	7	need to judge condition as to degree of coloration
	Skill (10)	8	
	Clarity (10)	8	if the exp. Could be expanded so more data, graphical, etc. could be obtained it would make a stronger project.
	Interview (10)	8	
		81	
SB3	Creative Ability (30)	26	
	Scientific Thought (30)	26	
	Thoroughness (10)	9	You could test with number of widely varying concentrations: 0.5:1 in addition to 2:1
	Skill (10)	9	
	Clarity (10)	9	Has good potential well presented
	Interview (10)	9	
		88	
SB1	Creative Ability (30)	26	
	Scientific Thought (30)	26	
	Thoroughness (10)	8	could expand on how the percents were arrived at
	Skill (10)	8	Labeling of graoh would be helpful
	Clarity (10)	8	
	Interview (10)	8	
		84	
SB4	Creative Ability (30)	26	
	Scientific Thought (30)	25	
	Thoroughness (10)	7	need to work on getting more data so it can be graphed.
	Skill (10)	8	
	Clarity (10)	8	
	Interview (10)	9	
		83	
SB2	Creative Ability (30)	24	I think what you basically studied was the efficiency of the incubator or in maintaining a steady temp. in varying ambient temps. To get more data you could place in even more ambient conditions.
	Scientific Thought (30)	23	
	Thoroughness (10)	7	
	Skill (10)	7	
	Clarity (10)	8	
	Interview (10)	8	
		77	
SE5	Creative Ability (30)	29	Nice use of circumstance. One time project but can easily be expanded

	Scientific Thought (30)	30	excellent. Think about extending data collection and where the absolute worst may be
	Thoroughness (10)	9	thorough but would work well if you kept collecting data
	Skill (10)	10	very good
	Clarity (10)	10	very clear poster ad writing
	Interview (10)	9	very well, relaxed.
		97	
SE3	Creative Ability (30)	28	nice project. Very timely with the discussions of env.
	Scientific Thought (30)	29	very good but lots of room for expansion with follow up questions and exp.
	Thoroughness (10)	9	graph 1 needs to be reformatted do not connect data points.
	Skill (10)	10	carried out well
	Clarity (10)	10	
	Interview (10)	10	very good interview
		96	
SE2	Creative Ability (30)	29	
	Scientific Thought (30)	28	really should have emphasized the 4 day period
	Thoroughness (10)	9	
	Skill (10)	10	
	Clarity (10)	9	results are too densely conveyed
	Interview (10)	10	
		95	
SE4	Creative Ability (30)	20	good question
	Scientific Thought (30)	20	needs more measure your env. (humidity, temp) Why do things decompose?
	Thoroughness (10)	5	could be a lot better type results
	Skill (10)	8	project was basicbut fit the scientific method
	Clarity (10)	5	not very clear
	Interview (10)	8	bumped score up, interviewed well
		66	
SE1	Creative Ability (30)	16	need to frame your question better
	Scientific Thought (30)	16	nice project but lack of specific question hampered the process
	Thoroughness (10)	2	a lot of room for improvement
	Skill (10)	5	goes back to question-define the question and the rest will follow
	Clarity (10)	5	more secriptive text for the images
	Interview (10)	8	interviewed well
		52	