

Creative Ability		Scientific Method & Goals	
The project was a cookbook experiment performed without imagination or flair.	0	There was no understanding of the scientific method, or it was not applied to the project in any way,	0
	2		2
The project was someone else's original idea upon which he/she did not expand.	4	The problem not well defined or experiment not well designed. No controls	4
	6		6
	8		8
The project is relatively straightforward, but the work shows some signs of creativity.	10	The problem is clearly defined and experiment well designed, but controls are poor.	10
	12		12
The project and approach were average. While not largely original, it was an interesting topic.	14	Clearly stated hypothesis. However, the experiment did not account for some variables and some questions remain unanswered.	14
	16		16
The project is very original, but the approach is ordinary, OR the approach displays real creativity but the project is routine.	18	Clearly stated hypothesis. Well designed experiment. Good controls. However, results were difficult to duplicate.	18
	20		20
	22		22
The project and the approach are original. Clever variations on the usual projects are seen here.	24	Clearly stated hypothesis. Well designed experiment. Good controls. Alternative interpretations of data were not investigated.	24
	26		26
	28		28
The entire project displays considerable innovation. Original thinking is clearly displayed throughout.	30	Clearly stated hypothesis. Well designed experiment. Good controls. Elimination or understanding of alternative answers.	30
Skill		Presentation & Display	
The project was done in a hurried and haphazard fashion.	0	Display and presentation are both incoherent.	0
	1		1
The project shows signs of lack of attention. Data is incomplete or inconsistent with the conclusions drawn.	2	Display consists mainly of flashy materials with no real substance.	2
	3		3
The work was not exceptionally challenging and did not require unusual skills or techniques.	4	Either the display or the presentation is acceptable.	4
	5		5
The project was competently performed. However, the student showed significant dependence on an adult supervisor.	6	Both the display and the presentation are acceptable, but neither can stand without the other.	6
	7		7
	8		8
The project was well executed, with no obvious faults. Areas in which additional effort could have produced better results can be identified.	9	Either the display or the presentation is strong and the other is acceptable.	9
	10		10
	11		11
	12		12
The project was unusually challenging and displays markedly superior workmanship and effort. Sufficient data has been collected to prove statistical relevance.	13	The display and the presentation are both strong individually and the two complement each other. Both data and results are clearly presented.	13
	14		14
	15		15
Documentation & Understanding		Teamwork (Team Projects Only)	
No documentation exists and the student is unable to answer questions that would be asked by a casual observer.	0	One team member did all of the work and makes the presentation alone.	0
	1		1
Documentation is weak and the student cannot demonstrate more than a minimal understanding of the project.	2	One team member did most of the work. All team members contribute to the presentation.	2
	3		3
The documentation is good, but it needs to be explained by the exhibitor. The exhibitor has a good understanding of the project.	4	All team members worked on the project and contribute to the presentation, but each only understands his/her part.	4
	5		5
	6		6
The student demonstrates a fair understanding of the project, but the documentation is not complete enough to allow replication.	7	All team members worked on the project, but one member dominates the presentation.	7
	8		8
	9		9
The documentation is complete. The student is stumped by challenging questions, but otherwise shows good understanding of the project.	10	All team members worked on the project but each has a better understanding of his/her part.	10
	11		11
	12		12
The documentation is solid and complete. The student can answer difficult questions. Background research has been done and is understood.	13	All team members worked equally on the project and have a clear understanding of all aspects.	13
	14		14
	15		15
Total Points	Individual exhibit max = 100 Team exhibit max = 115	Final Score = Creative Ability + Scientific Thought + Skill + Presentation + Documentation + Teamwork (teams only)	