

Badger State Science Fair Judging Form

Project #:	Category:	Judge Initials
Project Title		

Creative Content 30 29 28 27 26 25 24 23 22 21 Unique problem-solving methods & data analysis. Ingenious use of materials & equipment. Truly his/her own	20 19 18 17 16 15 14 13 12 11 Some advanced problem-solving & data analysis. Modified an existing experiment. Made it his/her own.	10 9 8 7 6 5 4 3 2 1 0 Basic problem-solving & data analysis. Used an existing experiment.	Score (0-30 pts)
--	--	---	---------------------

Comments:

Scientific Thought 30 29 28 27 26 25 24 23 22 21 Extensive literature review. Problem stated clearly; all variables identified. Well-developed hypothesis. Detailed, accurate observations. Data collection explained. Advanced data analysis employed and explained. Conclusions limited to the data. Possible next steps described.	20 19 18 17 16 15 14 13 12 11 Adequate literature review. Problem stated clearly; critical variables identified. Developed hypothesis. Accurate observations. Appropriate data analysis employed and explained. Conclusions flow from the data	10 9 8 7 6 5 4 3 2 1 0 Minimal literature review. Problem vague; some variables identified. Obvious or weak hypothesis. Sketchy observations. Limited data analysis. Conclusion stated but not fully following the data.	Score (0-30 pts)
--	---	---	---------------------

Comments:

Thoroughness 15 14 13 12 11 Well-organized, detailed logbook with dated entries. Extensive time spent on project. Detailed scientific process completed. Multiple trials for data collection. Advanced awareness of background knowledge.	10 9 8 7 6 Organized logbook with dated entries. Adequate time spent on project. Complete scientific process. Multiple trials for data collection. Adequate awareness of background knowledge.	5 4 3 2 1 0 Minimal log book with sporadic entries. Project appears to be rushed through. Scientific process seems incomplete. Single trial for data collection. Minimally aware of background knowledge.	Score (0-15 pts)
---	--	---	---------------------

Comments:

Skill 15 14 13 12 11 Well thought-out design; attention paid to details. Precise lab techniques. Accurate measurements and computations. Understands complexity of the equipment.	10 9 8 7 6 Experimental design evident. Reasonable lab techniques. Good measurements and computations. Appropriate use of equipment.	5 4 3 2 1 0 Limited evidence of planning the experiment. Mostly acceptable lab techniques. Sloppy measurements and/or computations. Lacks understanding of the equipment used.	Score (0-15 pts)
--	---	---	---------------------

Comments:

Clarity 10 9 8 Concise, well-organized project description. Data collection, analysis and conclusions presented. Clearly using graphs, charts, diagrams, models and similar aids. Display board presentation is precise; color and format enhances understanding.	7 6 5 4 Understandable project description. Clear presentation of some portions of the project using basic graphs, charts, diagrams, models and similar aids.	3 2 1 0 Basic project information presented. Minimal use of graphic devices to illustrate the concepts or the analysis of the project. Display board presentation seems random and/or sloppy.	Score (0-10 pts)
--	--	---	---------------------

Comments

**Total
0-100 pts**