

2008 NWA Regional Junior Academy of Science SCHOOL Registration Form

School Name: _____

School Address: _____

Teacher Name: _____

Teacher email: _____

School Phone: _____ School FAX: _____

Number of Papers Being Submitted: _____

CATEGORIES	# JUNIOR Division Projects	# SENIOR Division Projects	
Animal Sciences			
Behavioral/Social Sciences			
Biochemistry			
Cellular/Molecular Biology			
Chemistry			
Computer Science			
Earth and Planetary Science			
Engineering: Materials/Bioengineering			
Engineering: Electrical/Mechanical			
Energy and Transportation			
Environmental Science			
Environmental Management			
Mathematical Sciences			
Medicine and Health Sciences			
Microbiology			
Physics and Astronomy			
Plant Sciences			
Team Projects/# of students*			
Total # students			
Total # students X \$10/student			
Division Fee @ \$75.00/division**			
TOTAL \$ per division			
All registration and division fees are non-refundable.			\$
GRAND TOTAL			

**2008 NWA Regional Junior Academy of Science
ABSTRACT Form**
(please type)

PROJECT TITLE: _____

DIVISION: _____

CATEGORY: _____

NUMBER:(supplied by Regional Director)_____

ABSTRACT (please type)

2008 NWA Regional Junior Academy of Science
STUDENT Entry Form (please type)

Student Name: _____

Project Title: _____

Division: _____

Category: _____

Grade: _____

Teacher's Name: _____

School: _____

School Address: _____

School Phone: _____ **School Fax:** _____

Please do not fill in information below this line

Check List for Entry

1. Completed Entry Form Information
2. Title Page
3. Written Paper
MAY not exceed 10 narrative pages
4. References
5. Abstract
6. Regional Entry Fee
for Senior Division includes State fee
7. Date Received: _____
8. ENTRY NUMBER _____

This form is just for information - DO NOT copy or send in with paper.

2008 NWA Regional Junior Academy of Sciences

WRITTEN Judging Form

PROJECT NUMBER _____

PROJECT TITLE _____

I. Creative Ability (25 points) _____

- a. Project idea original?
- b. Original approach by individual student used to solve the problem?
- c. Creative and original analysis and interpretation of data?
- d. Original use and/or construction/design of new equipment?

II. Scientific Thought/Engineering Goals* (25 points) _____

- a. Clearly stated and appropriate choice of problem?
*Objective clear? relevant for potential needs?
- b. Appropriate plan for obtaining solution with adequate data to support conclusions?
*Solution relevant? workable? acceptable to potential user?
economically feasible? Solution tested for performance under conditions of use?
- c. Clearly defined variables?
- d. Future research relevance with scientific literature cited?
*Solution useful in design or construction of end product?
Solution a significant improvement over previous alternatives?

III. Thoroughness (15 points) _____

- a. Purpose carried out to completion? Problem covered completely?
- b. Adequate data or testing? Conclusions based on replication?
- c. Appropriate amount of time spent on project?
- d. Scientific literature, other approaches and/or theories noted?

IV. Skill (15 points) _____

- a. Degree of difficulty of project?
- b. Data supported by lab, computation, observational and design skills?
- c. Equipment built by student? loaned? part of a lab?

V. Clarity of Communication (20 points) _____

- a. Written report neatly typed with grammar, punctuation and sentence structure presented in a concise and orderly manner?
- b. Written report reflects the student's understanding of the research?
- c. Project's purpose, procedure, data, and conclusions clearly discussed and explained?

TOTAL _____

Judges Initials _____

Judges Comments: (use back, if needed)

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**2008 NWA Regional Junior Academy of Science
Oral Presentation Critique Sheet**

STUDENT(s) NAME: _____

PROJECT TITLE: _____

DIVISION: _____

CATEGORY: _____

Comments and Suggestions: (please be as specific as possible)

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2008 NWA Regional Junior Academy of Science
Final Judging Form

PROJECT NUMBER _____

PROJECT TITLE _____

I. Creative Ability (25 points) _____

- a. Project idea original?
- b. Original approach by individual student used to solve the problem?
- c. Creative and original analysis and interpretation of data?
- d. Original use and/or construction/design of new equipment?

II. Scientific Thought/Engineering Goals* (25 points) _____

- a. Clearly stated and appropriate choice of problem?
*Objective clear? relevant for potential needs?
- b. Appropriate plan for obtaining solution with adequate data to support conclusions?
*Solution relevant? workable? acceptable to potential user?
economically feasible? Solution tested for performance under conditions of use?
- c. Clearly defined variables?
- d. Future research relevance with scientific literature cited?
*Solution useful in design or construction of end product?
Solution a significant improvement over previous alternatives?

III. Thoroughness (15 points) _____

- a. Purpose carried out to completion? Problem covered completely?
- b. Adequate data or testing? Conclusions based on replication?
- c. Appropriate amount of time spent on project?
- d. Scientific literature, other approaches and/or theories noted?

IV. Skill (15 points) _____

- a. Degree of difficulty of project?
- b. Data supported by lab, computation, observational and design skills?
- c. Equipment built by student? loaned? part of a lab?

V. Clarity of Communication (20 points) _____

- a. Written report neatly typed with grammar, punctuation and sentence structure presented in a concise and orderly manner?
- b. Written report reflects the student's understanding of the research?
- c. Project's purpose, procedure, data, and conclusions clearly discussed and explained?

Judges Scores:

1 _____ + 2 _____ + 3 _____ ÷ 3 = **Overall Score** _____

Comments:

Placement: _____