JUDGE'S SCORE SHEET

1 Score sheet per team per judge – Judged at highest grade represented in the team

TEAM *- SCIENTIFIC EXPERIMENT – 5th thru 12th & 4th with report*

Names of Students _____

Title _____ Grades _____

MAXIMUM POINTS **POINTS EARNED**

1. **TWO REPORTS** _____**YES** _____ **NO (10 points each)** **20 Points** _____

Each report should reflect each student did their own. Exhibitor #1: _____ Exhibitor #2: _____

Title Page - 0 pts; Table of Contents - 1pt - ____; Intro (to include hypothesis) - 2 pts - ____;
Project Details on experiment - 2 pts - ____; Discussion - 1 pt - ____; Conclusion - 1 pt - ____;
Acknowledgments & References - 2 pts - ____; Is clear and uses proper grammar and spelling - 1 pt - ____
(Please note: 8th Grade and up must be typed (**-3** pts if not typed)

2. **TWO JOURNALS** _____ **YES** _____**NO (5 points each)** **10 Points** _____

(Required for 5th grade and up. If 4th grader did a report, they must do a journal.)
Handwritten in a bound or spiral notebook. The purpose is to log progress & the details of work as it is being done. It does not need to be neat or have proper spelling.

3. **CREATIVE ABILITY** **25 Points** _____

Originality of the project or approach to the project;	5
Creativity or originality of the presentation on the exhibit board;	10
Creativity or originality of the presentation of exhibit as a whole.	10

4. **SCIENTIFIC PROCEDURES** – *based on scientific method* **40 Points** _____

Scientific Method: Question→Research→Hypothesis→Experiment with a control→Data→Results→Conclusion

Stated the problem being investigated;	4
Formulated a hypothesis;	4
Listed materials and procedures (can be just in the report);	2
Experiment procedure appropriate for what is being tested;	8
Recorded observations and measurements as data;	9
Analyzed data accurately and relates it back to the control;	6
Drew a conclusion based on research and data;	4
All work prepared by the students.	3

5. **UNDERSTANDING (Oral Interview)** **40 Points** _____

	Exhibitor #1: _____	Exhibitor #2: _____
Can explain project and procedures;	7	7
Can discuss results, referring to control & variables;	7	7
Understands research and how it relates to results;	3	3
Can explain the importance of this information.	3	3

6. **CLARITY (Interview and Display Board)** **40 Points** _____

		Exhibitor #1: _____	Exhibitor #2: _____
Observer can easily understand.	Verbally -	10	10
	Visually -	10	10

7. **EXHIBIT** * 30" deep, 48" wide, 78" from tabletop **30 Points** _____

(**-5** if bigger) * *Exhibit includes the board and the display (i.e. items experimented and/or equipment)*
(**-3** if title & main headings are not stenciled or done by hand in some manner, peel & stick is not acceptable)

Exhibit is neat, well thought out, & demonstrates effort;	10
Exhibit communicates project without student present;	10
Data is clearly explained, labeled, or charted on board;	8
Exhibit board is well constructed & sturdy (Pre-fab acceptable).	2

SCORED (*205 Pts Possible*) _____ **+ **EXTRA** (14 *Pts Possible*) _____ **= TOTAL POINTS:** _____

COMMENTS: _____

JUDGE: _____

BLUE: 185-205 + **RED: 164-184** **WHITE:**

Revised 03-21-2012

*** Extra Points are at the Judge's discretion for exemplary research, knowledge, craftsmanship, or communication.*