NAME _____ date _____

Metric System Poster Project

Design and build an 18'x24" poster to illustrate 10 aspects of the metric system every science student should know and be able to use at Arlington Schools. Illustrate with examples appropriate to the unit of measure and prefix.

MUST HAVE's CHECK for YES

- Metric prefixes from Nano to Tera meanings and their value _____
- MASS: grams, kilograms and how to convert _____
- Volume: Liter, ML, and Cubic centimeters and how to convert _____
- Length : Centimeters, meters, kilometers _____
- Temperature: Celsius and Farenheight and how to convert one to the other. _____
- Real life examples that are used daily in the United States _____
- Metric reference samples related to water EX: 1ml = 1 gram _____
- The difference between MASS and WEIGHT _____
- Color and images that keep your attention _____
- Actual Sources for ALL information used (not google search) _____

CAN HAVE's

- Electricity
- Speed
- Measuring in graduated cylinder
- Triple beam balances
- Scales for WEIGHT/Gravity
- Tools used by scientists to measure
- Other metric applications that are appropriate to MS/HS audience

NOTES:

Project DUE date: OCTOBER 1

Oral presentation date _____

Project completed date _____

See rubric on back of this page for grading

NAME _____ date _____

Poster Session Rubric

CATEGORY	4	3	2	1
Coverage of the Topic	Details on the poster capture the important information about the topic and increase the audience's understanding.	Details on the poster include important information but the audience may need more information to understand fully.	Details on the poster relate to the topic but are too general or incomplete. The audience needs more information to understand.	Details on the poster have little or nothing to do with main topic.
Use of Graphics	All graphics are related to the topic and make it easier to understand.	All graphics are related to the topic and most make it easier to understand.	All graphics relate to the topic.	Graphics do not relate to the topic.
Organization	Information is very organized with clear titles and subheadings.	Information is organized with titles and subheadings.	Information is organized, but titles and subheadings are missing or do not help the reader understand.	The information appears to be disorganized.
Layout and Design	All information on the poster is in focus and can be easily viewed and identified from 6 ft. away.	Most of the information on the poster is in focus and the content easily viewed and identified from 6 ft. away.	Most of the information on the poster is in focus and the content is easily viewed and identified from 4 ft. away.	Much of the information on the poster is unclear or too small.
Sources	All sources (information and graphics) are accurately documented.	All sources (information and graphics) are accurately documented, but there are a few errors in the format.	All sources (information and graphics) are documented, but information is incomplete or many are not in the desired format.	Some sources are not accurately documented.
Mechanics	No grammatical, spelling or punctuation errors.	Almost no grammatical, spelling or punctuation errors	A few grammatical, spelling, or punctuation errors.	Many grammatical, spelling, or punctuation errors.
Presentation	The presentation was the appropriate length. It did not seem hurried or too slow. The presenter spoke clearly and distinctly and established eye contact with the audience.	The presentation was the appropriate length but seemed slightly hurried or too slow. The presenter spoke clearly most of the time and established eye contact with the audience.	The presentation was the appropriate length but seemed very hurried or too slow. The presenter spoke clearly and distinctly only some of the time and/or established little eye contact with the audience.	The presentation was too long or too short. The presenter did not speak clearly most of the time and established little eye contact with the audience.

Rubric developed with materials from the RubiStar Web site: http://rubistar.4teachers.org/index.php