

2011-2012 EIGHTH-GRADE SCIENCE FAIR

SCIENCE FAIR ASSIGNMENT #1- 10 POINTS

This year's eighth-grade Science Fair project will be introduced to students starting in the next few weeks. The project will have a thematic approach, meaning that all students' projects will have to focus on Earth/Space Sciences. Earth/Space Science is a broad topic area including Geology, Astronomy, Meteorology, Oceanography, and Environmental Science. Students will have to pick a project that deals with one of these areas. Students will have the choice of doing an experimental project or building a model, in addition to creating a backboard display.

Experimental Project:

Students will be required to perform an on-going experiment where-by they compile data over the course of 6 weeks (minimum) pertaining to their experiment. They will be responsible for following the time-line and completing at least the minimum requirements listed on the grading sheet.

Model Project:

Students will be required to construct a model pertaining to the subject matter of their project. The model must be constructed in a way that shows skillful planning and time dedication. They will be responsible for following the time-line and completing at least the minimum requirements listed on the grading sheet. The model should be operational with moving parts. Models on display can not contain water.

Students will receive a series of worksheets and activities to guide them through the Science Fair process as listed in the below time-line. The eighth-grade Science Fair will be held on **January 24, 2012** in the Middle School gym.

Portfolio: SAVE ALL YOUR ASSIGNMENT SHEETS!

All students will be required to turn in a Science Fair portfolio containing all assignment sheets. The students will receive a separate grade for the portfolio, which will be a part of the 4th quarter grade.

Print Documents from Science Fair website http://www.muhsdk12.org/ms_sciencefair.asp

Below is the time-line for the Science Fair Assignments

DUE DATE	ASSIGNMENT	POINTS
09/16/11	1. PARENT CONTRACT-SIGNED	10
09/30/11	2. CHOOSING A TOPIC	15
10/14/11	3. TITLE AND PURPOSE/HYPOTHESIS	25
10/28/11	4. OUTLINE	40
11/04/11	5. BIBLIOGRAPHY	20
12/02/11	6. ROUGH DRAFT-Review of Literature	40
12/16/11	7. MATERIALS LIST	25
01/06/12	8. PROCEDURES	35
01/12/12	9. ABSTRACT	35
01/17/12	10. FORMAT/RBSEF SIGNATURE	10
01/18/12	11. BACKBOARD DISPLAY DRAWING	20
01/23/12	12. NOTEBOOK HANDED INTO TEACHER	150
01/23/12	13. SET-UP PROJECT IN GYM	150
TBA	14. PORTFOLIO REFLECTION	30
TBA	15. PORTFOLIO	100

Please sign the below form, detach it, and return it to your science teacher by _____

-----DETACH-----

SCIENCE FAIR ASSIGNMENT #1-10 POINTS

I have read and understand the above Science Fair requirements.

Student's Signature

Date

Parent's Signature

Date