

Learning Activity Template

Title: Science Fair Projects

Curriculum: Science, Writing, Information Literacy

Grade-Level Span: 3-5th grade

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PURPOSE:

The purpose of this project is to have the students apply the scientific method to a project of their choice.

DESCRIPTION:

Students will use any number of resources (classroom books, the internet, the library resources, their science textbook, friends, family, etc.)

	Curriculum Standards	Minnesota Technology Standards	ISTE-NETS	Information Literacy Standard	Big 6
Review Scientific Method	Sci 1A 1B 1,2,3				1
View video					1
Choose a topic					
Review research tools					3
Use the library and computer lab					3-4
Write report	Sci 1A 1B 1,2,3				4-5
Complete display-Presentation					5
Judging by Mesabi East High School Physics students Graded by classroom teacher Self evaluation and feedback from peers					6

TOOLS AND RESOURCES:

Numerous websites listed on Smartboard presentation

Books: Classroom library (list unavailable at this time)

School library, other libraries

ASSESSMENT:

Rubric in process

Presently have a checklist with points.

Grade Sheet

Points:

- 2 Title page
- 2 Introduction
- 5 Problem stated in words
- 5 Hypothesis
- 2 Materials list
- 10 Procedures and observations
Step by step instructions of what you did and what happened.
This will include charts, diagrams, photos, or graphs
- 5 Results (What happened when you did your experiment?)
- 5 Conclusion (What did you learn from your experiment?)
- 2 Acknowledgments

CREDITS (INCLUDING CONTACT INFORMATION):

