

# EXPERIMENT PROPOSAL FORM – SCIENCE FAIR

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Partner: \_\_\_\_\_

General Subject/Topic: \_\_\_\_\_  
(Ex. Plants, magnetism, chemical reactions)

Experiment Question: How does \_\_\_\_\_ affect \_\_\_\_\_ ?

Independent Variable: \_\_\_\_\_

Are you sure you can manipulate this? Yes No

Dependent Variable: \_\_\_\_\_

Explain how you will measure this. \_\_\_\_\_

Constant Variables: (Be Specific)

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Is it possible for you to keep these things constant? Yes No

Control: (What will you use as your standard for comparison?) \_\_\_\_\_

Materials that may be difficult to obtain:

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

You will make a complete materials list after approval.

Parent/Guardian signature of approval: \_\_\_\_\_

Partner's Parent/Guardian signature of approval: \_\_\_\_\_

Teacher Approval: \_\_\_\_\_

GO.27.1

# HYPOTHESIS – SCIENCE FAIR

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Partner: \_\_\_\_\_

Experiment Question: \_\_\_\_\_

Independent Variable: \_\_\_\_\_

Dependent Variable: \_\_\_\_\_

\*\*\*\*\*

I determined from my research that \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Therefore, my hypothesis is:

IF \_\_\_\_\_

\_\_\_\_\_

THEN \_\_\_\_\_

\_\_\_\_\_

# PROCEDURE AND MATERIALS LIST – SCIENCE FAIR

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Partner: \_\_\_\_\_

## Materials List

## Procedure

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.

(Use back of handout for additional steps.)

Teacher Approval: \_\_\_\_\_

GO.27.3

# ABSTRACT – SCIENCE FAIR

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Partner:** \_\_\_\_\_

**Problem**

**Hypothesis:**

**Procedure:**

**Results (brief statements citing data):**

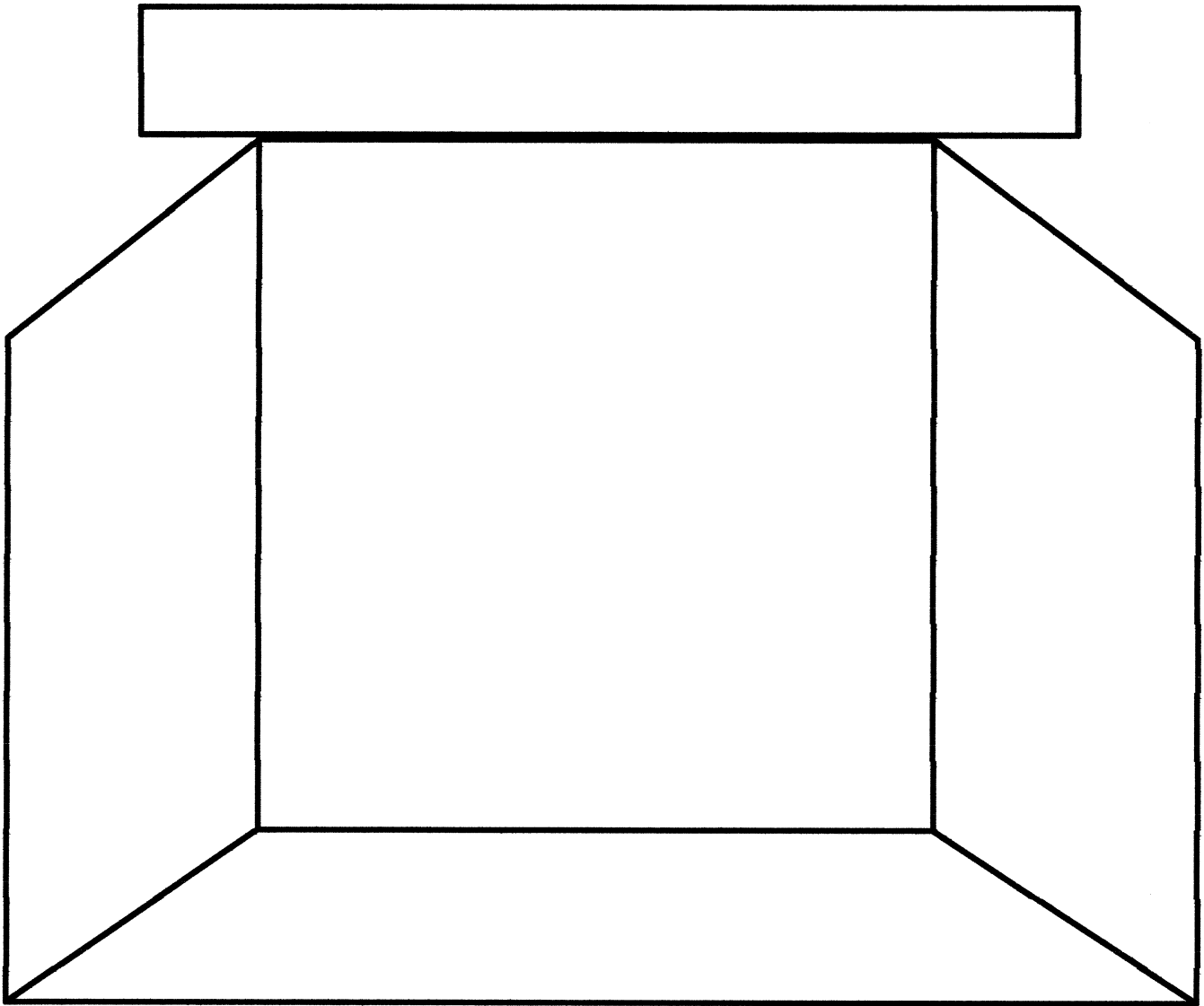
**Conclusion (use back if needed):**

GO.27.4

# DISPLAY – SCIENCE FAIR

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Partner: \_\_\_\_\_



# SELF-EVALUATION – SCIENCE FAIR

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Partner: \_\_\_\_\_

Project Title: \_\_\_\_\_

On a scale from 1 - 5, with five being the highest and one being the lowest, rate the following:

	LOWEST		HIGHEST		
	1	2	3	4	5
A. I spent the right amount of time on my project.					
B. My project was well planned and organized.					
C. I understood my topic and what I was trying to test or solve.					
D. My project answered my original question or hypothesis.					
E. I used a variety of sources of information.					
F. I learned a lot of new information and ideas.					
G. My project showed creativity and solved problems.					

Answer these questions:

1. My method of research was \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. The next time I do a research project I will \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

3. The best thing about this project was \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. I could have improved my project by \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. What I learned from this experience was \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. A future study or project can be created from my research by \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# LAB REPORT – A

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. Experiment Question -

2. Independent Variable -

3. Dependent Variable (measurable in metrics) -

4. Control (standard for comparison) -

5. Constants (be specific) -

6. Materials (be specific with sizes/measurements) -

7. Hypothesis -

8. Procedure -

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.

9. On the back, draw an illustration of your experimental procedure. Use labels to show heights, lengths, etc.

GO.27.7a