

# Worksheet 1

## Choosing & Researching Your Project

**Question:** Please choose from one of the six listed questions. If you would like to do a project different from one of these, please fill out the form on the back side of this sheet and submit it to your teacher for approval.

1. Is it safe to eat food that has been dropped on the ground as long as you pick it up within 5 seconds?  
<http://www.education.com/science-fair/article/eat-drop-on-floor-5-seconds/>
2. Best Fertilizer: The Effects of Fertilizer on Plant Growth  
<http://www.education.com/science-fair/article/effect-physical-form-fertilizer-plant/>
3. Color Chromatography: How are the green colors in Skittles and M&Ms different?  
[http://www.education.com/science-fair/article/chemistry\\_paper-chromatography/](http://www.education.com/science-fair/article/chemistry_paper-chromatography/)
4. Dog Nose Prints: Are dog nose prints as unique as human fingerprints?  
<http://www.education.com/science-fair/article/dogs-unique-noseprints/>
5. Free fall: Do all objects fall at the same rate?  
<http://www.education.com/science-fair/article/buck-stops-falling-dollar-meterstick/>
6. Colors and Numbers: Do certain numbers or letters make us think of certain colors?  
<http://www.education.com/science-fair/article/color-numbers-letters/>

**Research:** Go to the website listed beneath your selected question. Write down the most important information as you read through the experiment.

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Visit one other website or book that is related to the project you are researching. Write down any other important information you find. Attach additional paper if additional space is needed for either of these areas.

Website or book title: \_\_\_\_\_

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**Materials:** What materials will you need to complete your project?

Poster board or tri-fold display board; \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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**Only complete this section if you wish to submit a project different from the questions listed on the front page.**

**Question:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Research:** List any books or websites you will use to find information on your topic. You should have at least two. These will be the resources you use to answer the research questions on Worksheet 1.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please have a parent sign on the line below agreeing that they are willing to support you through this project.

Parent Signature \_\_\_\_\_ Date \_\_\_\_\_

Do not continue on with the project until you have a teacher signature on the line below showing approval for your project.

Teacher Signature \_\_\_\_\_ Date \_\_\_\_\_

**Once you have teacher approval for your project, please fill out the front parts of this sheet.**





# Observation Notebook

Use the observation notebook to make notes on what you see during your experiment. This could include sets of data, sketched pictures, or any other type of data that may be relevant to your project. If more observation space is needed, simply attach more paper. You may not need all of the observation boxes supplied, but remember, the more samples of data you collect, the more reliable your experiment is.

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

**Observations:**

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

**Observations:**

# Observation Notebook

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

Observations:

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

Observations:

# Observation Notebook

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

Observations:

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

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# Observation Notebook

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Observations:



# Observation Notebook

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

Observations:

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

Observations:

# Observation Notebook

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

Observations:

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

Observations:





## Science Fair Rubric

Assignment	Received	Possible
Parent Note Signed		5
Question Approved		10
Worksheet 1		10
Worksheet 2		10
Worksheet 3		15
Observations (At least 3 days of observation)		30
Worksheet 4		10
Worksheet 5		20
Science Fair Board		100
TOTAL		210

