

## Project Proposal Samples

| 3rd Grade   | 4th Grade  | 5th Grade   |
|---|--|---|
| <p>Topic: Heart Rate</p> <p>Problem/Testable Question: Which daily activities get your heart beating the fastest?</p> <p>Hypothesis: If I am sitting while watching TV, then my heart rate will be slower than when standing while watching TV.</p> | <p>Topic: Bike Safety</p> <p>Problem/Testable Question: What color clothes can be seen best at dusk when riding a bike?</p> <p>Hypothesis: If I wear a yellow shirt while riding my bike, then I will be better seen at dusk compared to other color shirts.</p> | <p>Topic: Chemical Reactions</p> <p>Problem/Testable Question: How does the size of an Alka Seltzer tablet change the speed of the chemical reaction?</p> <p>Hypothesis: If I drop a <math>\frac{1}{4}</math> piece of an Alka Seltzer tablet into water, then the chemical reaction will be slower compared to the whole tablet.</p> |

### Project Proposal (Due Thursday, October 4, 2018 to homeroom teacher)

Name \_\_\_\_\_ Homeroom Teacher \_\_\_\_\_

Topic: \_\_\_\_\_

Problem/Testable Question

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Hypothesis: \_\_\_\_\_

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## Research and Resources (Due Thursday, October 18, 2018)

Projects require research or background information to support the topic involved in the investigation.

### Instructions:

1. Find **at least 3 sources** of information on your topic. You may use the Internet, but you must have at least one print resource (book, newspaper, magazine, Encyclopedia).
2. Write down 3 facts that are related to your project from each source (a total of at least 9 facts).
3. Write down the "Works cited" or "Bibliography" information for each source that you use. Please use the space below to record your information. Example of Bibliography or Work Cited format:  
Myers, M. Amazing Stomp Rockets. New York: Henigson & Bacon Publishing, 2005.

Resource 1:

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**Fact 1:**

**Fact 2:**

**Fact 3:**

Resource 2:

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**Fact 1:**

**Fact 2:**

**Fact 3:**

**Fact 1:**

**Fact 2:**

**Fact 3:**

[illegible]

- Traditional Science Project
- STEAM-based Project What components of STEAM will be included in the project?

School                      Community                      Home                      Other