

Name _____ Date Due _____

Science Fair Topic Selection Worksheet

List three possible Science Fair topics you may wish to explore. Use the topic checklist below to then circle the best one.

1. _____
2. _____
3. _____

Topic Checklist

- Purpose: Why is my topic important?**
Does it solve a real-world problem or address an issue that others will care about?
- Originality: How is my project original?**
Find out if an experiment like yours has been done before. If so, how can you make yours unique or improve upon what has already been done?
- Materials: Do I really have all the materials that I'll need?**
If you're planning to count bacteria or separate germs, then you'll need a microscope that's a lot more powerful than any we have here at school. Where will you find an electron microscope?
- Time: Do I really have enough time to complete this project?**
If you're working with plants, then it may already be too late. If you are growing plants or measuring the "life" of something, will you run out of time?
- Testability: Can my topic be turned into a testable question?**
A Science Fair Project is not a research report where you can find all the answers by reading. A Science Fair Project is not a demonstration, which shows people how something works, like a model of a volcano. A Science Fair Project is an experiment that asks "What is the effect of _____ on _____?"

For help with topic selection go to:

www.sciencebuddies.org

www.education.com/science-fair

www.sciencebob.com