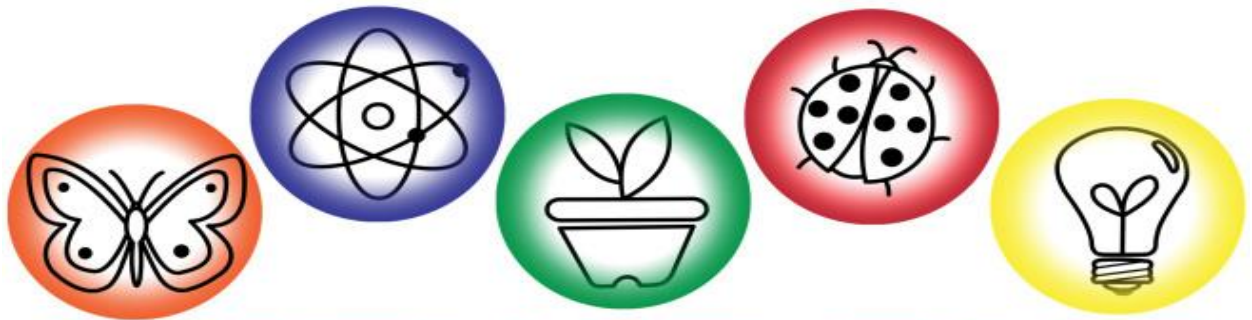


Name(s): _____



SCIENCE FAIR

PLANNING GUIDE

Testable Question	TITLE	Data Analysis
Hypothesis		<u>Data/Results</u>
Materials Used		<ul style="list-style-type: none">• Graphs• Data tables
Procedure		<ul style="list-style-type: none">• Pictures
		Conclusion

For more ideas and information, visit TimothyLutheranScienceFair.jmstack.com

Direct questions to your science teacher, or Mrs. Stack, jennifer@the-stacks.com

Testable Question: State the problem you are investigating in the form of a question. (*Example: "How can you keep apple slices from turning brown?"*)



Testable questions usually start with "How..." or "What affect does..."

Hypothesis: Answer your testable question with an educated guess. (*Example: "I think putting baking soda on the apple slices will have the greatest effect on preventing them from turning brown, because baking soda is used to clean things."*)



Be sure to explain in your hypothesis WHY you predict these results!

Planning your experiment: How will you test your hypothesis? What will you do to make sure your test is FAIR and MEASURABLE?



Brainstorm below what you might need for your experiment (draw set-up, make lists, etc.)



STOP!!! Do not continue your project planning without checking your plan with a teacher!

Materials Used: *(This section might be a list, a photo of your experiment set-up, or a few sentences describing what you needed to do the project.)*



Be sure to include any measurements of materials.

Procedure: *(Describe in steps how you conducted your experiment. Be as detailed as you can!)*



It's okay if you have to change your procedure during your experiment, but make sure you keep track of your changes in your notes!

Data/Results: *(Keep track of all your results here. For your final project you may wish to include pictures, graphs, or charts; be sure to label them carefully so others will know what they are!)*

