**Science Research – Topic Overview**

Assignment: Create an outline of the important information in the specific area of science that you think you want to pursue a research project in.

**Part One: Get your specific topic approved by the research teacher. Due Date:\_\_\_\_\_\_\_**

**Part Two: The research “Funnel” Due Date:\_\_\_\_\_\_\_**

 Show how your research topic fits into the “Big Picture” by making a “Funnel” diagram that shows your topic area going from “general” to “specific”. Start with something really general, like “biology” or “psychology” and end with your specific topic.

**Part Three: Generate a list of bullet points related to your topic Due Date:\_\_\_\_\_\_\_**

Once you have your approved topic, make a list of important areas within that topic. Online encyclopedia articles are a good source of information to generate these bullets. Once you have your list of bullets, show them to your teacher to get them approved. Your bullets must include the following, and should include more:

* Background/general information about topic
* Significance of topic
* Laboratory techniques/other methods used to study this topic (include description, images)
* Current research questions in this topic area
* Names of at least 5 top researchers studying this topic – If this is a laboratory/field based topic, they must be local. If this is a psychology/behavioral project, they may be from farther away (See handout titled *How to find experts, abstracts and articles).*

**Part Four: Revise your list of bullet points if necessary Due Date:\_\_\_\_\_\_\_**

If the teacher did not approve your list the first time, add what it needs and resubmit

**Part Five: Complete your outline Due Date:\_\_\_\_\_\_\_**

* Find information from online encyclopedia articles, book chapters, and other sources to complete your outline.
* You must include information from at least three encyclopedia articles and five other sources.
* As you write your outline, you must use in-text citations to show where you got your information. Use APA format for this.
* Your Outline must include at least three important images illustrating important concepts or techniques.
* Your outline must be typed, single spaced.
* Your outline must be at least three pages long.

**Be sure to keep track of all references you use, and include a bibliography at the end of your outline (APA Format).**

Name:

Science Research – Topic Overview

Part One: Topic Approval

Topic:

Teacher Approval:

Name:

Science Research – Topic Overview

Part Two: Research Funnel

**General**

**Part Three/Four : Generate/Revise a list of bullet points related to your topic**

**Specific**

Type your list of bullet points below:

Teacher Approval:

**Part Five: Complete your outline**