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**Self-Directed Study**

**Science** - “Gaining knowledge through study or practice”

Science is testable and allows us to make predictions about the real world. Good scientists are creative and come up with imaginative ways of designing and testing their models. The ultimate goal of the self-directed study is to **“educate yourself and educate others”**.

**Project Type**

The self-directed study will generally take the shape of one of the following:

1. Product testing
  - Includes designing, constructing, and evaluating the effectiveness of a device, model, or technique or
  - Comparing different brands of a device, model, or technique
2. Research Paper
  - Includes title page, thesis statement, introduction, body, conclusion, citations, and a bibliography
3. Invention
  - Includes designing and constructing a new and useful device, model, or technique
4. Investigation (science experiment)
  - Includes a testable question, a hypothesis, an experimental design that will test the hypothesis and detailed procedures for collecting and analyzing data.

**Project Submission**

The self-directed study can be submitted in any form that you choose:

Debate	Demonstration	Fine art representation
Display	Song	Video
Presentation	Game	Research paper.
Performance	Commercial	Other

**Evaluation**

The mark for the self-directed study is based a student’s evidence of learning and knowledge. It can be one of the following marks (there is no “in-between”):

- 0 – no evidence
- 55% – Simple evidence
- 70% – Basic evidence
- 85% – Significant evidence
- 100% – Evidence shows Mastery

The determination for the mark is based on:

Evidence	Initiative	Critical Thinking
Quality	Communication	Problem Solving
Collaboration	Use of Academic Language	Use of Technology

**Project Proposal for an extra 5%**

To receive an extra 5% for your project, you must submit a completed project proposal before the assigned deadline. **MONDAY APRIL 15<sup>th</sup>**.

**Presenting for an extra 5%**

To receive an extra 5% for your project, you must give a short informal presentation to your peers. This will encourage further thought on your part and engage others in your topic. \*\*\*NOTE – you cannot receive 100% without presenting to your peers.

Research Idea #1

Research Idea #2

Research Idea #3