

## **Independent Investigation Sage Curriculum Outline**

*Below is an outline of the curriculum which will be taught during the independent investigations. This outline is a guide and might be altered based on the needs of the students. I have built in extra time in case of snow days and if the students need additional in class work days. Please do not hesitate to contact me, if you have any questions.*

### **January 2018**

*(5 weeks, 2 Missed Monday classes)*

- Independent Investigations begin
- Class Topics
- Overview of Independent Investigation and Choosing a Topic/Light Research
- Word splash/Mucking around
- Create a Problem Statement and little questions
- Problem Statement PowerPoint
- Finalize problem statement
- Create student Google slides (Title, problem statement, little questions, resources, final thoughts page)
- Color code little questions for note taking purposes
- How to Research Online using Key Words and Phrases
- Highlighting keywords in little questions

## **February 2018**

*(3 weeks, 1 Missed Friday class)*

- Class Topics
  - Reliable Resources and Plan for Independent Investigation Resources
    - How to check if a resource is reliable or not
    - What resources will you plan to collect?
    - Primary vs Secondary sources
  - Citing Sources
    - What is plagiarism and how to cite sources using APA format?
  - Highlighting Resources
    - Read through article, determine which little question it answers, then read only highlighting answers to those little questions

## **March 2018**

*(4 weeks, 1 Missed Friday Class)*

- Class Topics
  - Note Taking
    - Putting answers to little questions onto slides
  - Controlled Experiments and Surveying
    - How do you conduct an experiment or survey?
      - dependent vs independent variables
      - surveying varying groups not just friends
  - Interviewing Experts
    - Creating interview questions
    - Recording responses
    - Analyzing answers and summarizing findings
  - Display board expectations
    - See display board direction page for specifics

## **April 2018**

*(3 weeks, 1 Missed Friday Class)*

- Display board slides are due the first week in April (minus final thoughts/reflection pages)
- Final Products
  - What is a final product?
  - What final products would work best with my topic?
  - How can my final product be presented at iNight?

## **May 2018**

*(4 weeks Until iNight)*

- Final products are due the first week in May
- Presentations
- iNight will be held on Wednesday, May 30, 2018