

Summer 2022 Assignment

Science Research

Next semester, you will begin an independent research project that you will present at a science fair. For science, a semester is not a lot of time. In order for you to **be productive**, you will need to do some work over the summer. If you enrolled in this class for the right reasons, this should be fun! You should look forward to beginning this experience as soon as possible!

Task #1: Check your email for a copy of the e-textbook for the course. Read chapters 1 and 2 of the Student Research e-textbook and take good notes. Answer the chapter questions at the end of each section in your notes. Do not do the “Student Handout #1” and “Student Handout #2”

Task #2: Visit [Science News for Students](#) and click on “All Topics.” There are 9 subgroups: Earth, Humans, Life, Space, Physics, Chemistry, Math, Tech, and Science & Society. Click through them and browse the article titles and summaries. Identify three areas of interest, and read three to four articles in each area, for a *minimum* of **ten articles**. (You may also get articles within a subject area from other science news sources such as your newspaper, *National Geographic*, *or Scientific American*. Read the article, annotate it, and write a short summary. The summary should include:

- The title of the article;
- Author(s);
- Source – the name of the magazine or newspaper that contained the article;
- Date of publication of the magazine or newspaper that contained the article;
- Pages in the magazine or newspaper where the article appeared;
- A short description of the article – at least three to five sentences;
- Why you found the article interesting – a paragraph or so;
- What ideas for future research did the article give you?

Task #3: Gather the following materials and have them with you for the first day of school. Please make every effort to obtain these items **yourself**.

- A 3" D-ring loose-leaf binder.
- Loose Leaf Paper
- A quad ruled composition notebook. All pages must be sewn together - no spiral or glue bound books. ([link](#))

This assignment is due the first Monday of the new school year. Failure to complete this assignment will lead to the first assignment with a failing grade, and leave you unable to participate in the first activities for the new year.