

North High School Chemistry Summer Homework

Submit homework by sharing with jennifer_popham@dpsk12.net

Option 1: Science Reading

The **purpose** is to read a chemistry themed book and to critically think about the impact of science on the world.

Instructions: Read 5-8 chapters of a book and write a book report or do a flipgrid.

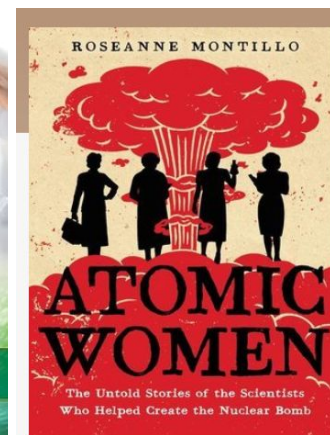
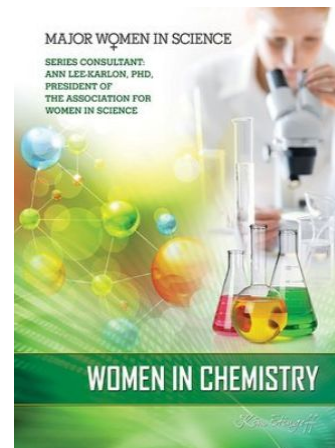
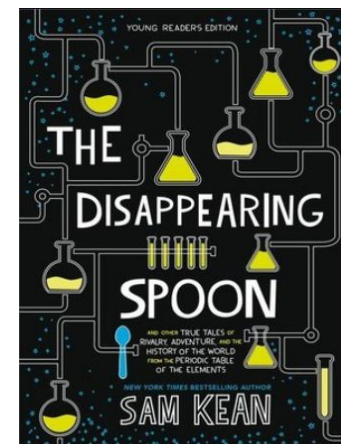
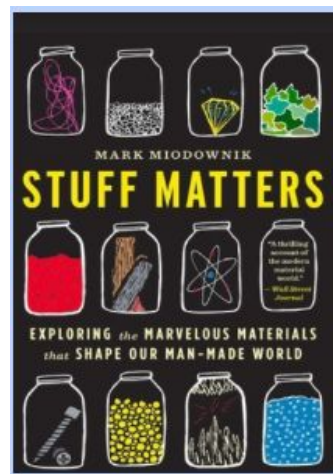
Choice 1: Hand write or type a book report

- 5-10 sentence paragraph per chapter
- 5 chapters = 5 paragraphs
- 1-2 pages long

Choice 2: 5 Flipgrids

- Create a 1-1.5 min flipgrid for each chapter
- 5 chapters = 5 flipgrids
- [Flipgrid link](#)

Book Choices from Denver Public School Library [Sora App \(link\)](#)



Option 2: Science Research

The **purpose** is to research chemicals to gain exposure to chemistry vocabulary.

Instructions: Create a 26 slide deck presentation

Create a Title Slide

- Name for Project
- Name
- Period

Part 1 Requirements: Elements

- 10 slides with 10 different elements
- Each slide has 1-3 photos
- Each slide has 5 interesting facts (atomic number is not an interesting fact). How much does it cost? How is it used? Where is it found? Etc..

Part II Requirements: Ionic Compounds

- 5 slides with 5 different ionic compounds
- Each slide has 1-3 photos
- Each slide has 5 interesting facts

Part III Requirements:

Molecular (Covalent) Compounds

- 5 Slides with 5 different molecular compounds
- Each slide has 1-3 photos
- Each slide has 4 interesting facts

Part IV Requirements:

Chemistry in the News and Chemistry Research

- 5 Slides
- One Slide has a chem joke or meme
- Two slides have two interesting videos about a chemistry topic and a 3-10 sentence summary about the video.
- Two slides have a link to two interesting online articles, podcast or photos about a chemistry topic and a 3-10 sentence summary about the article.