

SUMMER 2019 READING – SCIENCE

Due: August 6, 2019

All students will select and read **THREE** articles of their choice that relates to the science course they WILL be taking when they return to school. For students in grades 9-12 the article should also relate to your technical area/vocational program. All students will write **THREE** one page summaries and define 5 key terms found in the article.

6th Grade: Earth Science

7th Grade: Life Science

8th Grade: Physical Science

9th Grade: Biology

10th Grade: Chemistry

11th Grade: Physics (see note below)

12th Grade: Human Anatomy, AP Environmental Science, Forensic Science, or any other course that counts as a science class.

NOTE TO STUDENTS TAKING PHYSICS NEXT YEAR: In addition to the article summaries, you have work in Khan Academy. Join Dr. Doe's Preparation for Physics course on Khan Academy by creating an account if you don't already have one and going to www.khanacademy.org/join and enter class code A Q A Z K Q K 9 (The second and sixth letter in the class code is a "que". Don't leave space in between the letters and number of the class code). Complete all assignments.

GUIDELINES FOR EACH ARTICLE:

Specifications-Font: Calibri (Body), Font size: 11, Margins-Left: 1 inch, Right: 1 inch, Top: 1 inch, Bottom: 1 inch, Line Spacing: Double, Justify: Left

1. You will find a news article or scholarly article that relates YOUR SUBJECT (above) to your Technical Area (career pathway). Freshmen, sophomores, juniors, and seniors shall use their top choice of technical areas that they are interested in. Article sources can be from one of the following sources: internet, magazine, or newspaper, other. Be sure the article is from a reputable source and provides factual evidence.
2. You will either print out (if from internet), cut out (magazine or newspaper), or photocopy the article you selected. Internet: You must write the **EXACT** URL address in which you found the article or staple the actual article to the front of your report.
3. You will then read the article carefully underlining at least 5 key terms.
4. On page #1: Type your name and date in the header
5. Skip a line and type the title of the article.
6. Skip another line and type the five key terms you identified and their definitions.
7. On page #2: Type your name and date in the header
8. Skip a line and type the title of the article.
9. Skip another line and type a **full page summary** (which can contain one opinion/reflection paragraph and one paragraph describing how it relates to your technical/vocational department) of the article being careful not to plagiarize. Total length of the summary should be 4-6 paragraphs. Each paragraph should contain at least 6 relevant cohesive sentences.

Summary Writing Rubric

Writing Across the Curriculum

Summary writing is a good way to have a record of what you have read for a specific course to use for study and reflection. To create a successful summary, all stages of the writing process must be used.

Key Elements of a Successful Summary:

- Has a main idea/concept
- Includes important facts and details
- Is in the writer's own words
- Direct use of text from selections should have quotation marks
- Reflects underlying meaning
- Includes details in logical order

Summary Writing Rubric

Distinguished-4	Proficient-3	Developing-2	Beginning-1
Clear Main Idea	Clear Main Idea	Main idea is unclear-not specifically stated in the writing.	The main idea is not present.
All important details are included	Important details are included but some might be missing	Some critical information is missing	Contains only some details
Details are in logical order	Ideas are in logical order	Ideas are in random order and not logical	Ideas are not in a logical order
Demonstrates clear understanding of information in the text.	Demonstrates adequate understanding	Demonstrates basic understanding of information in text	Demonstrates little or no understanding
Is characterized by paraphrasing of the main idea and significant details	Is characterized by paraphrasing of the main idea and significant details	Is characterized by the substantial copying of key phrases and minimal paraphrasing	Is characterized by the substantial copying of indiscriminately selected phrases or sentences.

Total Points _____/20