

9th Grade Physics
Summer Reading Assignment 2019

Directions: You must read TWO (2) articles from the following RFH LibGuide:
<https://rumsonfairhaven.libguides.com/SummerPhysics>

While reading each of the articles, be sure to carefully read and re-read each part. It is recommended that you print and highlight important points from each article to help improve your comprehension of the content. For each article you must complete the attached chart. All work must be typed, in complete sentences, paragraph form, and in your own words. You should have two separate charts completed at the start of school, one for each article. Do not combine your work into one chart.

All assignments must be typed, printed out, and turned in on the first day of class in hard-copy form. The assignment will ultimately be digitally submitted to www.turnitin.com as well. The physics teachers will take their classes to the library during the first week of school so that students can sign up for their [turnitin.com](http://www.turnitin.com) accounts and upload their summer assignments by the designated due date (to be announced).

It is the intention that these readings and the information learned from them will be discussed and used throughout the year in learning different topics throughout Physics.

Happy reading!

The article summary chart is located on the next page. You may re-create the chart in your own document or you may create a copy of this chart in google docs and type your responses directly into the spaces provided.

Responses must be in 12pt Times New Roman font. Be sure to thoroughly respond to all parts of the chart in your own words.

Below is an outline of the chart content:

1. Heading: Provide your name, the date, and the article information.
2. Vocabulary: Define 10 new terms from the article in your own words.
3. Summary: Provide a summary of the article.
4. Human Relevance: Describe how the article is relevant to humans.
5. Unit Topics: Relate the article to at least one of the unit topics in Physics:
 1. Kinematics and Dynamics (motion)
 2. Conservation laws (Energy and Momentum)
 3. Electricity and Magnetism
 4. Energy Transfer - Waves, Wave Motion and Sound
 5. Heat and Fluid Flow
 6. Radiation, Light, Optics and Modern Physics
6. Citations: Cite at least 2 sources that you used to help complete the chart. Citations should be in MLA format.

9th Grade Physics
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Article #1

| Points | Question | Your Response |
|------------------------|--|---|
| BACKGROUND | | |
| 5 points | Headings: <i>Provide your name, the title of the article, the date the article was written, the source of the article, and today's date.</i> | |
| 10 points | New Vocabulary: <i>While reading the article, find 10 new vocabulary words and define each term in your own words.</i> | |
| ARTICLE SUMMARY | | |
| 5 points | Summary of Article: <i>Summarize the article in your own words. This should be at least 1-2 paragraphs.</i> | |
| 5 points | Human Relevance: <i>Describe how the content of this article is relevant to human life. This should be at least 1-2 paragraphs.</i> | |
| 5 points | Unit Topic: <i>Describe how this article relates to at least one of the "unit topics" (listed to the right). This should be at least 1 paragraph.</i> | The Unit Topics of Physics are: Kinematics and Dynamics (motion), Conservation laws (Energy and Momentum), Electricity and Magnetism, Energy Transfer - Waves, Wave Motion and Sound, Heat and Fluid Flow, Radiation, Light, Optics and Modern Physics |
| 5 points | Citations: <i>To have completely thoroughly responded to the above questions, you must have sought out information from other sources. Cite the sources here, there must be at least 2.</i> | |

9th Grade Physics
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Article #2

| Points | Question | Your Response |
|------------------------|--|---|
| BACKGROUND | | |
| 5 points | Headings: <i>Provide your name, the title of the article, the date the article was written, the source of the article, and today's date.</i> | |
| 10 points | New Vocabulary: <i>While reading the article, find 10 new vocabulary words and define each term in your own words.</i> | |
| ARTICLE SUMMARY | | |
| 5 points | Summary of Article: <i>Summarize the article in your own words. This should be at least 1-2 paragraphs.</i> | |
| 5 points | Human Relevance: <i>Describe how the content of this article is relevant to human life. This should be at least 1-2 paragraphs.</i> | |
| 5 points | Unit Topic: <i>Describe how this article relates to at least one of the "unit topics" (listed to the right). This should be at least 1 paragraph.</i> | The Unit Topics of Physics are: Kinematics and Dynamics (motion), Conservation laws (Energy and Momentum), Electricity and Magnetism, Energy Transfer - Waves, Wave Motion and Sound, Heat and Fluid Flow, Radiation, Light, Optics and Modern Physics |
| 5 points | Citations: <i>To have completely thoroughly responded to the above questions, you must have sought out information from other sources. Cite the sources here, there must be at least 2.</i> | |