

# SUMMER READING GRADES 5-8

There will be two assignments per grade, a novel reading and a research project.

Each grade will read a novel, as listed below. You will be given an assessment on your novel on the first full day of school.

Research assignments can be found on the pages that follow. Please check that you have the correct assignment for the grade that you will be entering in September. Follow the outline completely while working on your project. Make sure to quote facts and details used in your research directly to avoid plagiarism. If you paraphrase information, you still need to include the sources in your resource list. Make sure to include a list of all research sources with your assignment (full web addresses, or title and author of any books referenced).

Projects will be due on the first full day of school. All research projects must be submitted to Ms. Pugliese. Projects will be presented in Science class. Research projects will be graded by Ms. Pugliese (Science grade) and Ms. Roschbach (ELA grade).

## Novels by Grade

**Entering 5th Grade-** *Letters From Rifka*, by Karen Hesse

**Entering 6th Grade-** *Save Me A Seat*, by Gita Varadarajan

**Entering 7th Grade-** *The Van Gogh Deception* (The Lost Art Mysteries), by Deron R. Hicks

**Entering 8th Grade-** *Fever 1793*, by Laurie Halse Anderson

*Have a wonderful summer!*

## ELA/SCIENCE SUMMER RESEARCH ASSIGNMENT

### Entering Grade 5: Non-Fiction Assignment

**Topic:** Famous Scientists

**Examples:** Isaac Newton, Albert Einstein, Marie Curie, Galileo Galilei, Nicolaus Copernicus, Louis Pasteur, Archimedes, Robert Hooke, Johannes Kepler, Gregor Mendel, Nikola Tesla, Francis Crick, Aristotle, Pythagoras, Antonie Van Leeuwenhoek, Eratosthenes, James Watson, Jane Goodall, Craig Venter, or David Baltimore.

**To Do:** Create a Watercolor Rainbow Book Report on a Famous Scientist.

*What is a watercolor rainbow book report?* A watercolor rainbow book report is a creative way to list the facts that you learn about the life of your scientist. Start with a posterboard, 11" x 14". Glue or illustrate a picture of your scientist at the center of your poster. Draw rays, moving outward, from the image of your scientist. Paint the bands created by the rays using a variety of watercolors. Each section will be used to write a fact that you learned about your scientist, the work that he/she has done, and the impact that it has had on the world.



You will research a scientist of your choosing. You will learn about his/her life and work. Identify **at least 15** facts, quotes, or ideas that you will include on your poster.

**You must include:**

- The name of your scientist
- What he/she is famous for
- When he/she was born/died
- Where he/she was born, and where they moved to/lived throughout their life
- Which school(s) did he/she attend- if they did so
- The type of science that he/she studied/studies- be sure to define each field of science in which they work(ed)
- What types of tools did he/she use in their studies?
- What kind of investigations or experiments did they do?
- Did they earn any prizes for their work? What impact did their work have on the world?

You can include any other facts that you find interesting that help you to understand the impact of this person's work on life as it is today.

\* Make sure that your project is colorful, and pleasing to the eye. Use a fine marker to trace over all work done in pencil. All paragraphs should be typed and checked for correct grammar and punctuation. Include all books and websites that you used to gather your information. This report will be your first grade in Science, as well as ELA for the year. Projects will be due the first full day of school. Have a great summer!

## ELA/SCIENCE SUMMER RESEARCH ASSIGNMENT

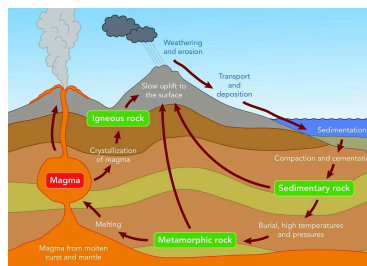
### Entering Grade 6: Non-Fiction Assignment

**Topic:** Force and Motion

**Examples of topics to research:** Newton's Laws: Effects of force on Motion, Types of Forces, Forces in Action, Balanced and Unbalanced Forces, Types of Motion

**To Do:** Choose a topic to research. Then create a diagram explaining your topic.

*What is a Diagram?* A diagram helps people to visualize and understand a topic. Diagrams include: **Titles, Labels, Pictures, Captions, Dates, Locations, Important Names, and Additional Facts** that are necessary for understanding a topic. You should include a **list of important vocabulary terms (at least 5)** as well.



\* You must include all 7 of the diagram features in boldface on your poster. Make sure to write your name and grade at the bottom right-hand side of your poster.

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## ELA/SCIENCE SUMMER RESEARCH ASSIGNMENT

### Entering Grade 7: Non-Fiction Assignment

**Topic:** Earth Science

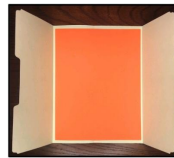
**Examples of topics to research:** Weathering & Erosion, Earth's Layers, Earth's Atmosphere, Plate Tectonics, Rock Cycle, Water Cycle, Volcanoes, Oceanography, Astronomy, Meteorology, Rocks and Minerals, Weather & Climate, or Ecosystems

**To Do:** Create a Lap-Book

*What is a lap book?* This project is called a lapbook because it can easily be placed in your lap. This project helps you to organize and display information related to a specific subject.

Use a regular, letter size file folder, and complete the following steps to form your lap-book:

1. Open the folder so that it is flat on the table.
2. Fold each side to meet at the middle and crease the new folds.
3. Glue a thick piece of construction paper onto the center as an accented background for your project



**How to organize each panel-**

#### **Inside Panels**

~ Left Side: Vocabulary- Identify 10 key vocabulary words. Write each term along with a definition. Remember to include a 'part of speech' for each vocabulary word.

~ Center: Topic/Title (either at the top or directly in the center) , your name and grade( bottom right-hand corner), 5 illustrations and examples that represent key ideas about your topic ( the pictures/illustrations will be the main feature of the center panel). Include an informative paragraph that explains each illustration/example (topic sentence, detail, detail, conclusion sentence).

~ Right Side: 10 Facts about your topic, cite where you found your information.

#### **Outside Panels**

~ Left side panel- Title/Topic of your project

~ Right side panel- Your name and grade

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Include all books and websites that you used to gather your information.

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## ELA/SCIENCE SUMMER RESEARCH ASSIGNMENT

### Entering Grade 8: Non-Fiction Assignment

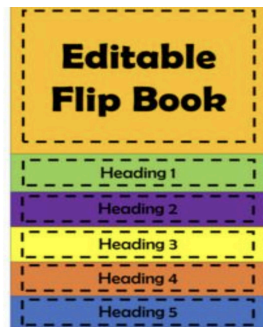
**Topic:** Heredity

**Examples of topics to research:** What is DNA and how does it work?; Genetic Mutations; Heredity: Why Do You Look The Way That You Do?; Understanding Inherited Human Traits; Are Fingerprints Inherited?; Mendel's Peas: Understanding Traits; How to extract DNA from Fruits or Vegetables; What are Punnett Squares?

**To Do:** Create an Informative Essay Flipbooks

*What is an informational layered flipbook?* This flipbook has layers. Each layer will represent a different part of an informative essay. Informative essays are meant to teach readers about a topic.

**How will you organize your flipbook?** You will need 6 layers: 1st- Title; 2nd- Introduction to Topic; 3rd- 1st body paragraph; 4th- 2nd body paragraph; 5th- 3rd body paragraph; 6th- Conclusion. \*The top layer will be for your title. You will leave the heading for the introduction blank. You will give each body paragraph a sub-title. The conclusion will also be blank. \*Add at least 3 pictures (above writing) \* Be sure that your work is neat and colorful!



Here is a link to an editable flipbook-

<https://docs.google.com/presentation/d/1KX2Ou1PeMYCdjrSzu4fCGImn7Sn7kr5t7gWwsSjXhdQ/e/dit?usp=sharing>

Here is a video if you would like to create your own flipbook-

<https://youtu.be/jg8EJFcQ068>

**Here is an outline for informative essays-**

- **Introduction (2nd fold)**
  - Hook
  - Background information
  - Thesis statement
- **1st body paragraph (3rd fold)**
  - Topic sentence (subtopic claim)
  - Supporting details (between 2 to 3 examples/facts that support your claim)

- Conclusion sentence (explanation, transition to next body paragraph)
- **2nd body paragraph (4th fold)**
  - Topic sentence (subtopic claim)
  - Supporting details (between 2 to 3 examples/facts that support your claim)
  - Conclusion sentence (explanation, transition to next body paragraph)
- **3rd body paragraph (5th fold)**
  - Topic sentence (subtopic claim)
  - Supporting details (between 2 to 3 examples/facts that support your claim)
  - Conclusion sentence (explanation, transition to the conclusion)
- **Conclusion (6th fold)**
  - Summary of the main points
  - Thesis restatement
  - Final thoughts

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