

Students will choose two of the following topics to complete as a project this Nine Weeks.

Deadlines:

August 28—Project #1 assignment #1

September 4—Project #1 assignment #2

September 11—Project #1 assignment #3

September 18—Project #1 assignment #4

September 25—Project #2 assignments #1

October 2—Project #2 assignment #2

October 9—Project #2 assignment #3

October 16—Project #2 assignment #4

Organic Compounds

Students will answer the question “Why are organic compounds the basis of life?” Grading will be based upon the following criteria:

1. An initial design evaluated by the teacher worth a daily grade
2. A product explaining a plausible answer to the question worth a daily grade.
3. A product explaining a plausible answer in greater detail than #2 or a different plausible answer to the question worth a quiz grade.
4. A presentation to the class explaining the answer worth a test grade.

Flow of Energy

Students will demonstrate the flow of energy on Earth. Where does it originate? Where and how is it stored? In what ways does it change form? Is it lost? Grading will be based upon the following criteria:

1. An initial design evaluated by the teacher worth a daily grade
2. A product explaining a plausible answer to the question worth a daily grade.
3. A product explaining a plausible answer in greater detail than #2 or a different plausible answer to the question worth a quiz grade.
4. A presentation to the class explaining the answer worth a test grade.

Solar System

Students will answer the question “Why does our Solar System exhibit certain characteristics. Grading will be based upon the following criteria:

1. An initial design evaluated by the teacher worth a daily grade
2. A product explaining a plausible answer to the question worth a daily grade.
3. A product explaining a plausible answer in greater detail than #2 or a different plausible answer to the question worth a quiz grade.
4. A presentation to the class explaining the answer worth a test grade.

Biomes

Students will demonstrate the relationships of organisms typical in a specific biome. Grading will be based upon the following criteria:

1. An initial design evaluated by the teacher worth a daily grade
2. A product explaining a plausible answer to the question worth a daily grade.
3. A product explaining a plausible answer in greater detail than #2 or a different plausible answer to the question worth a quiz grade.
4. A presentation to the class worth a test grade.

Scientific Vocabulary Project—Glossary of Scientific Prefixes and Suffixes

Students will create a glossary of scientific prefixes and suffixes useful for comprehension of Science. The glossary should include definitions, etymology, and examples of uses of the terms. Grading will be based upon the following criteria:

1. An initial list of the planned terms worth a daily grade.
2. A presentation of the glossary on paper. This will be worth a daily grade.
3. A presentation of the glossary electronically. This will be worth a quiz grade.
4. A presentation to the class of the project worth a test grade.