



Mrs. Stacy's K/1st Class Overview for the 2021-2022 School Year

1st Semester

Social Studies:

Our World, Cultures and Civilizations -

In this unit, we will start by looking at our world thru a globe and map. Students will then explore 8 of the ancient civilizations in history –Roman, Greek, Chinese, Mexico-Aztecs, Egyptian and Mesopotamia. Children will be exposed to the contributions of each to our present world.

Objectives:

1. Students will learn about basic world geography and where their place is in the world.
2. Students will explain tools that help us learn about geography.
3. Students will learn about what a map is used for and how to find locations on a map using a map key.
4. Students will learn about a globe and construct a globe of their own.

5. Students will learn about each of the before mentioned ancient civilizations, and identify where they are on a map and globe and specific characteristics of each.
6. Students will describe the contributions and impacts of each civilization.
7. Students will do art projects pertaining to each civilization.

Science:

Earth's Surface and Landforms-

We will be learning about the important materials that make up Earth's surface and how they affect our lives. Will be exploring Rocks and Minerals, Natural Resources, soil, landforms and bodies of water of our continent. This unit will help us learn more about our world and our place in it.

Objectives:

1. Students will be able to explain that Earth is made of many layers.
2. Students will explain that the crust is made of different materials.
3. Students can explain ways that rocks and minerals are useful.
4. Students can name rocks according to how they form.
5. Students can explain that rocks change over time.
6. Students will sort and classify rocks based on their characteristics.
7. Students can explain what a landform is and give examples of landforms. Major landforms of study are: mountains, volcanoes, plateaus, valleys, glaciers, deserts, canyons, etc...
8. Students will be able to explain the difference between each "landform" involving water (i.e. oceans, islands, peninsulas, bays, lakes, etc.)

9. Students will be able to explain what a body of water is and give examples of them. Ex. What an ocean is and identify an ocean on a map or globe.
10. Students will design/create and construct various landforms and identify where they live on a map in the unit.

Field Trip:

Cave of the Winds: "Bats & Caves" guided program with Gemstone panning

Date: 09/28, 9/29, 9/20

Cost: \$10 per person, \$15 per chaperone, **please no siblings** on this field trip

Field Trip:

Garden of the Gods: TBD on 08/21

Date:

Cost:

2nd Semester

Social Studies:

Early Exploration and Settlement –

From the explorations of the Vikings, to the settling of Western pioneers, we will be exploring the beginnings of our great nation, and the opportunities this expansion provided.

Objectives:

1. Students will learn about the Vikings, Columbus, Spanish conquistadors, settlers, colonists, Lewis & Clark and the pioneers.
2. Students will identify the effects each type of exploration had on our country.
3. Students will understand the sequence of each exploration as they relate to the forming of the USA.
4. Students will participate in various activities, and projects related to these discoveries.

Science:

Oceanography –

In this unit, we'll be learning all the variety and uniqueness in our world's oceans. Children will experience the beautiful differences in marine life, ecosystems, vegetation and geology of the sea floor.

Objectives:

1. Students will be exposed to marine life, including various plants, animals, geological formations (including thermal vents), ecosystems, Ocean Zones, etc.
2. Students will be able to identify the five oceans and label them on a map.
3. Students will describe the difference between salt water and fresh water.

4. Students will learn the name the zones of the Oceans-Sunlight Zone, Twilight Zone, Dark or Midnight Zone, Abyss Zone and Trench.
5. Students will identify the different ocean animals that live in each zone and study what makes them unique and why they live in the zone they do.
6. Students will learn about the coral reef and how it contributes to ocean life.
7. Students will identify characteristics of ocean animals, including differentiation of mammals, fish, planktons, reptiles, etc.

Field Trip:

Denver Aquarium

Date: TBD

Cost: \$9.00 per student and \$13.95 per chaperone

- **Additional adults and siblings are not admitted to the classroom programs due to space constraints. So only 5 chaperones and 1 teacher will be admitted to the Classroom Program. Other chaperones may enjoy aquarium until we meet up again at 11:20.**