

Final Project

Deb Wasik

Hillcrest School

Dwasik@mail.almaschools.net

Landforms

Science

Grade level 2nd

This lesson plan will teach the children about landforms. The learner will identify landforms, and define specific landforms. The learner will be able to tell where landforms are found and describe life in or around that area.

Curriculum Benchmarks: Earth Science/Geosphere/-Identify and describe types of landforms and where they can be found on earth

National Educational Technology Standard: Technology Communications Tools-Use developmentally appropriate multimedia resources to support learning.

Material Needed:

- Harcourt Brace Social Studies Text-Making a Difference
- Concept Science-What Our Earth is Made Of-Our Changing Earth-The Earth's Surface-Erosion on Earth by Modern Curriculum Press, Inc.
- Various library books on the topic of specific landforms, such as rivers, caves, glaciers, etc. Include enough books for entire class.
- Kidspiraton Software by Inspiration Software, Inc.
- KidPix Studio by Broderbund
- Eye Witness Children's Encyclopedia by D.K. Interactive Learning
- The Ultimate Writing and Creativity Center by The Learning Company
- Pre-cut cardboard pieces, clay dough, paint (colors of the earth and water)
- Video-How Does The Land Build Up? by United Learning
- Video-How Does The Land Wear Down? By United Learning

Teacher Preparation-

The teacher will gather all needed materials and be informed as to how the software programs work. Some time will be needed to familiarize your self with anticipated questions and answers for the students. If possible ask a parent helper to assist with lab time.

Student Preparation-

The students need to know how to log onto the computer and follow teacher directions as demonstrated on the lab projector. The students will need basic knowledge of keyboarding to be successful. The students will need to have knowledge of the software programs. The students will also need time to choose a library book to research their landform choice.

Finally, they will need to know how to create a folder and know how to save their work in drive M Hillcrest User.

Activities/Procedures:

Day One

Read chapter in the Social Studies text. In small groups read the Concept Science books. The small groups can do the discussion questions listed in the books together. When finished the class will meet as a whole group and talk about new information learned.

Day Two

With a partner have the children choose a landform that they would like to work on. The partners will discuss what life would be like if they lived around or on that specific form. Next the partners will make a postcard specific to that form. It will be a rough draft to be created on KidPix later in the day. The postcards will be sent to their first grade teachers.

Day Three

Show the two videos. These videos will demonstrate how the earth is formed and how it is worn down. The class will write a sentence that demonstrates how a landform is made. The landforms will be assigned prior to the video so they know what to specifically look for.

Day Four

Using the computer lab the children will use the Kidspiration program to map out the landforms and to write a definition of each landform they choose. They will have their choice of any seven to display.

Day Five

In the computer lab the teacher will demonstrate how to use the encyclopedia program on the projector. They will choose one landform to research and print the information. Next they will choose their library book on the same topic.

Day Six and Day Seven

The children will watch the teacher model a lesson on the board. The teacher will research a landform that no student chose. Using the printed information and reading a library book the teacher will record necessary information. They will record the name of the form, how it was created and where it can be found in the country. Two days will be needed to gather this information and get it in handwritten form.

Day Eight

The students will use the lab to begin working with The Ultimate Writing Center. They will compose their facts and choose a picture to aid in the writing.

Day Nine

Follow this recipe to make dough to build the landform map.

3 cups of flour

1 cup of salt

2 tablespoons of vegetable oil

1 cup of water

Add flour as needed to get the dough the correct consistency

Day Ten

Using correct earth colors the students will pain their maps. The teacher will assess the maps by using the rubric.

Assessment/Evaluation: See attached rubric

Follow-up Activity

The children will take turns presenting their maps and will spend a couple of days reading each other's Ultimate Writing Center projects.