

Using Technology to Differentiate Instruction

Lesson Plan Outline



1. Lesson Title:
Introduction to Landforms

2. Date of Implementation:
January 25, 2007

3. Lesson Author(s):
Matt Rothenberger

4. Subject Area(s):
Social Studies

5. Grade Level:
3rd Grade

6. Approximate Time Needed:
60 minutes

7. PA Content Standard(s):
7.2.3.A – Identify the physical characteristics of places and regions

8. Objectives/Lesson Outcomes:
The students will be able to classify and describe different types of landforms, including highlands and lowlands.

9. Materials and Resources Required:

A. Technology (include location and equipment):
Computer Lab; Access to the internet and Kidspiration software

B. Printed Materials:
Landform vocabulary cards; Lesson 1 vocabulary sheet; Photographs of landforms; Landform identification review sheet

C. Other Supplies:
Kidspiration template

10. Lesson Procedures:

The lesson will begin with the teacher holding up the landform vocabulary cards and asking the students if they know or can describe any of the landforms on the cards. Next the class will go over the lesson 1 vocabulary sheet which contains all of the landforms and their definitions they will be discussing throughout the unit. The class will then read and discuss pages 89-93 in the social studies text. After the reading, the teacher will hold up photographs and have volunteers identify the type of landform. Next, the teacher will take the class to the computer lab and have them watch a video entitled "Landforms #1" (16:00) using unitedstreaming.com. After the students have watched the video, have them log onto Kidspiration and bring up the landform template. Instruct the students to look for pictures of the landforms talked about in class, click and drag them to the correct category (highland or lowlands), and label them. Show the students how to type their name onto their template, save it, and print it. When the class returns to the classroom, pass out and explain the landform identification worksheet they need to complete for homework.

11. Modifications for Differentiated Instruction:

A. Remediation:

Students will create a landform mural where they will illustrate and label the landforms discussed in class.

B. Enrichment:

Students will be given a blank map of the United States and, using an atlas, locate the following landforms on the map: mountain range, peninsula, coast, valley, lake, river, ocean, island, and plains.

12. Student Assessment:

The students will be assessed by reviewing their Kidspiration templates to see if they successfully identified and labeled the landforms and placed them in the correct category. They will also be assessed by looking at their landform identification homework assignment and responses made in class.