A Book of Landforms
Geography Lesson with the TI-73 Explorer™

Subjects

- Geography
- Language Arts
- Educational Technology

Grades

- 6-8

Brief Description

Students will be introduced to the geographical landforms of earth. Then, students will create a book that illustrates the student's knowledge of landforms utilizing cooperative groups. Lastly, students will construct a mural of landforms.

Objectives

Students will
- Demonstrate their understanding of the geographical vocabulary using a electronic flashcards on the TI-73 Explorer™
- Write and illustrate a book that contains the landforms

Keywords

Landforms, geography, water bodies

Materials Needed

- Geography vocabulary *Landforms/Water* StudyCards™ (http://education.ti.com/studycards/73geography)
- TI-73 Explorer™ handheld for each student or group of students

- TI-StudyCard™ Creator Software (download from http://education.ti.com/studycards)
- Wall world map, globe, or world lap maps
- Construction paper
- Copy paper
- Markers/crayons
- Stapler

Lesson Plan

Before you begin, make sure that you have the StudyCards™ App on your TI-73 Explorer™. To find out, turn your unit on and press the Apps key. If you do not see "StudyCrd" you can download it at http://education.ti.com/studycards. Also, download the StudyCards™ Creator Software to create your own StudyCards stacks.

Setup and Procedure

1. Download the StudyCards Creator Software if necessary (see above). Download the *Landform/Water* vocabulary StudyCards to your computer (see link under "Materials needed") and save them to your Windows® desktop.
2. Once the download is complete, close the dialog box and go to your desktop.
3. From the desktop of your computer, drag and drop the *Landform/Water* StudyCards stack onto the StudyCards Creator Software icon on your desktop.
4. The StudyCards Creator Software will automatically open.
5. Once you have the software open with your vocabulary list showing you can scroll through the list of words on your computer.
6. To download the StudyCards stack to your TI-73 Explorer, right click on the *Landform/Water* stack on your computer. With your TI GRAPH LINK CABLE™ connected to your computer and your handheld, click on send to connected TI device (save to RAM) and the application will transfer to your handheld.
7. Using a unit-to-unit cable, transfer the StudyCards stacks to each of the student's units.

Unit-to-Unit Transfer
From the teacher unit press the APPS key and select Link. With **SEND** highlighted scroll down to AppVars and press enter. Scroll down to **LANDFORM** and press enter to select it. Then using the right arrow key, highlight **TRANSMIT**. For the student unit, press APPS and select Link. Then using the right arrow key highlight **RECEIVE** and press enter. Repeat these steps as needed.

This lesson was created by Karen Holland Wilkins, Ed.S., Adams Middle School in Tampa, FL

8. Press the Apps key and select StudyCards. Press any key to start the application and then press Choose New Stack from the main menu to view the *Landform/Water* set.

Applictaions
1. Use your TI-73 Explorer to flip through the vocabulary words. Discuss each word with the students and ask for examples from a wall world map, globe, or world lap maps.

2. After discussing the vocabulary, break the class into small cooperative groups of three or four members.

3. Distribute the materials and have the cooperative groups create books utilizing the vocabulary. Each group will need a set of markers or crayons, 20 pieces of copy paper, scrap paper, and 2 pieces of construction paper. The students will share the stapler after completing the books.

4. The groups will create books by utilizing all of the vocabulary words and illustrating the terms.

5. Have the groups make a draft copy of each page.

6. Have the groups edit and finalize their illustrations.

7. Have the groups produce their final draft.

Assessment

Each group is assigned a set amount of vocabulary terms to illustrate on a class mural. Then, each group must explain their illustration to the class.