



SCHOOL OF EDUCATION

**Utah Valley State College
Teacher Education Program
Landform Lesson Plan #1**

Name: Erica Fordiani **Date:** November 2008 **Time:** 1 hour

Grade Level: 4 **Subject:** Social Studies **Cooperating Teacher:** Kristin Wright

- I. Utah State Core Curriculum Standard(s)
 - a. **Understand:** Standard 1—Students will understand the relationship between the physical geography in Utah and human life.

- II. Lesson Objective(s)/Goal(s)
 - a. **Know:** Classify major physical geographic attributes of Utah.
 - b. **Do:** 1.a. Identify Utah’s landforms using a variety of geographic tools.

- III. Preparation (teacher materials, student materials, etc.)
 - a. Teacher: CD player, CD with song “Utah, This is the Place,” power point on laptop, projector, landform memory game (copy and laminate the picture of each landform (from power point) and landform name onto separate 8 ½ x 11 heavy cardstock paper)
 - b. Student: song lyrics, pencil, two copies per student of landform quiz
 - c. Vocabulary Use: canyon, mountain, basin, plateau, valley, sand dune, erosion, butte,

- IV. Technology Use:
 - a. CD player, projector hooked up to laptop

- V. Instructional Procedures:
 - a. Sing “Utah, This is the Place” song (sing at beginning of lessons for duration of unit so students are prepared to sing for summative Utah Travel Show—more information about the show is in lesson #2).
 - b. Pre-Assessment—Students take landform quiz.
 - c. **Show power point** of Utah’s landforms. Each slide will show a landform picture and name. With the student’s help come up with a class description of each landform. Help students remember by using pneumatic devices such as Basin-Bowl, Peninsula-shaped like a P, Mountain-shaped like a M, plaTeau-flat like the top of the letter T, Mesa-Spanish for table, Valley-shape of a V
 - d. **Activity**

- i. Push desks and chairs back. Lay out all landform and landform name 8 ½ x 11 papers on the floor for a memory match game.
 - ii. Split the class into two teams (choose one runner from each team) and have two people from each team turn over one paper at a time. Team decides together if a match has been made. If team believes they see a match they send their runner to ring the bell. Team can only get two points if they get the match correct AND give any kind of description or pneumatic device as discussed in class. Keep score.
 - iii. Activity—Split the class into four groups and whisper to each group a landform name that they need to work together to form with their bodies. The other three groups take turns guessing and must tell why they guessed that landform by describing its characteristics.
 - e. Formative assessment—During game, observe student accuracy of match making. Listen for correct responses while students are giving descriptions of landforms. During landform movement exercise, observe accuracy of formations and other student’s descriptions.
- VI. Accommodation(s) for Diverse Learner(s)
- a. Group activity (movement) and class discussion to develop concept of landforms found in Utah.
- VII. Evaluation of Student Progress
- a. Pre-assessment—Students will take a landform matching quiz to see how much they know.
 - b. Formative assessment—During game, observe student accuracy of match making. Listen for correct responses while students are giving descriptions of landforms. During landform movement exercise, observe accuracy of formations and other student’s descriptions.
 - c. Post assessment—Students will identify Utah’s landforms by retaking the landform matching quiz (90% accuracy) to see how much they learned.

River



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A natural stream of water, flowing toward the ocean, a lake, or another stream. In some cases a river flows into the ground or dries up completely before reaching any other water body.

Mesa & Butte



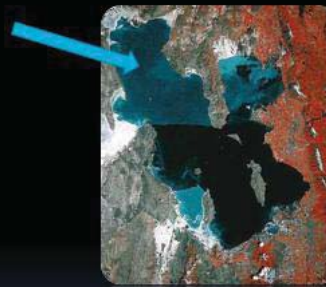
Mesa—A large, table-like landform.
Butte—A table-like landform like a mesa, but smaller in size.
Both are the result of plateau erosion.

Peninsula



Land surrounded by water on three sides.

Lake



A body of water surrounded by land. Salt Lake is what's left of the massive Ancient Lake Bonneville. The lake is now landlocked and its waters are salty. It is the largest lake between the Great Lakes and the Pacific Ocean, and is the largest saltwater lake in the Western Hemisphere.

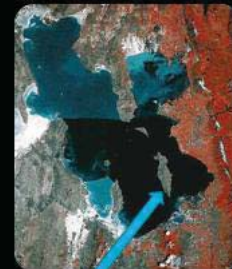
Salt Flat



© wikipedia

Dried up lake bed from a salty lake named Lake Bonneville. The Bonneville Salt Flats and the Great Salt Lake are remnants of ancient Lake Bonneville. Wind and water combine to create the flat surface of salt. Each winter, a shallow layer of standing water floods the surface of the salt flats. During spring and summer, the water slowly evaporates while winds smooth the surface into a vast, nearly perfect flat plain.

Island



An island is a piece of land that is surrounded by water.

Sand dune



Wind-blown piles of sand that can reach heights of up to 1,640 feet.

Basin



A bowl-like area of land usually surrounded by Mountains with no outlet for water.

Volcano



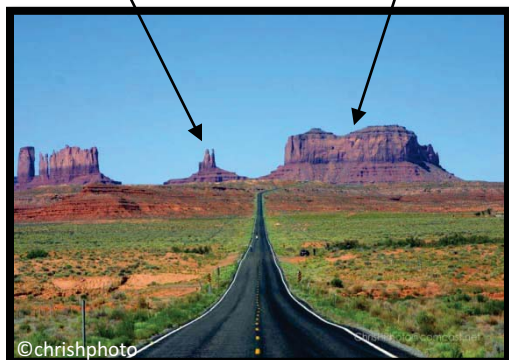
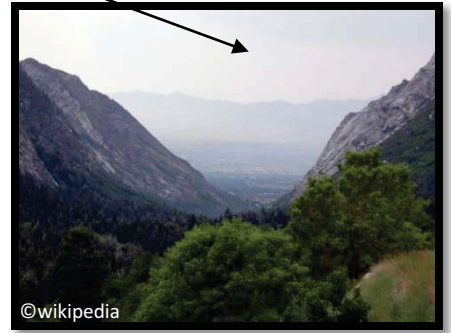
An opening in the earth's crust through which molten lava, ash, and gases are ejected.

LANDFORMS QUIZ

Name _____

Match the correct name to the landform.

1. Mesa _____
2. Butte _____
3. Island _____
4. Peninsula _____
5. Mountain _____
6. Sand dune _____
7. Volcano _____
8. Canyon _____
9. River _____
10. Valley _____
11. Plateau _____
12. Basin _____
13. Salt flat _____
14. Lake _____

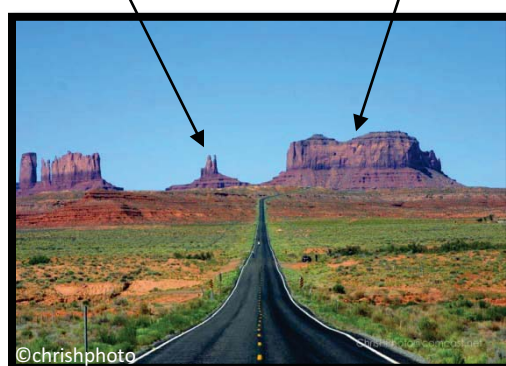
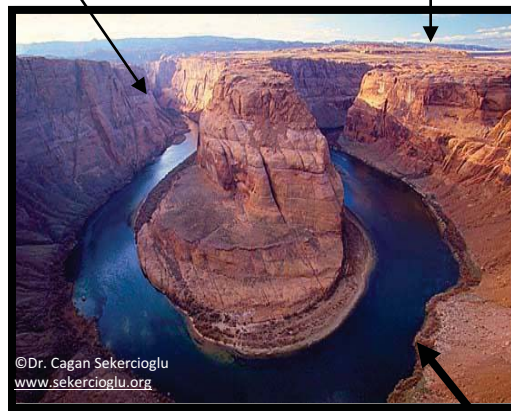
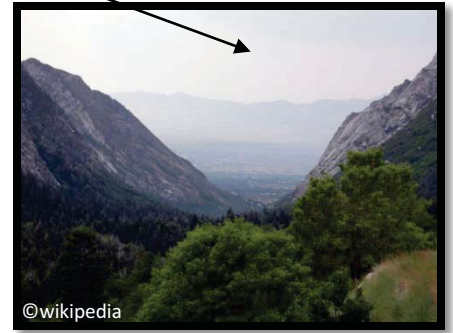


LANDFORMS QUIZ (KEY)

Name _____

Match the correct name to the landform.

1. Mesa _____ I _____
2. Butte _____ H _____
3. Island _____ B _____
4. Peninsula _____ N _____
5. Mountain _____ L _____
6. Sand dune _____ C _____
7. Volcano _____ K _____
8. Canyon _____ E _____
9. River _____ G _____
10. Valley _____ J _____
11. Plateau _____ F _____
12. Basin _____ D _____
13. Salt flat _____ A _____
14. Lake _____ M _____





Utah! People working together
Utah! What a great place to be.
Blessed from Heaven above
It's the land that we love.
This is the place!

Utah! With its mountains and valleys.
Utah! With its canyons and streams.
You can go anywhere.
But there's none that compare.
This is the place!

It was Brigham Young who led the pioneers across the plains.
They suffered with the trials they had to face.
With faith they kept on going till they reached the Great Salt Lake
Here they heard the words..."THIS IS THE PLACE!"

Utah! With its focus on family,
Utah! Helps each child to succeed.
People care how they live.
Each has so much to give.
This is the place!

Utah! Getting bigger and better.
Utah! Always leading the way.
New technology's here.
Growing faster each year.
This is the place!

There is beauty in the snow-capped mountains, in the lakes and streams.
There are valleys filled with farms and orchards too.
The spirit of its people shows in everything they do.
Utah is the place where dreams come true.

Utah! With its pioneer spirit.
Utah! What a great legacy!
Blessed from Heaven above.
It's the land that we love.
This is the place!

Utah! Utah! Utah!
THIS IS THE PLACE!