

Materials Details Page:**ENGAGE 1:****For class**

- (3) 2-L soda bottles
- 6 small plants
- 3 pieces of plastic wrap
- 3 rubber bands

For each group:

- old newspaper
- scissors
- gravel
- sand
- potting soil
- water/spray bottle

For each student:

- Science Journals
- Harcourt Brace Workbook pg. 60

ENGAGE 2:**For the class:**

- The Mountain That Loved A Bird, by Alice McLerran

For each student:

- Campus Field Trip Lab Sheet & Clipboard

EXPLORE 1:**For each student:**

- "The Rivers Run" Worksheet
- scissors
- tape
- crayons
- glue stick

EXPLORE 2:**For the class:**

- Hair dryer
- Beaker with water
- 2 cups sand, 2 cups gravel and 4 cups potting soil mixed well
- different sized larger stones
- 13x9 cake pan / stream table
- newspaper
- tub or bucket for drainage

For each student:

- "Be Mother Nature" Scientific Lab Sheet
- goggles

EXPLAIN 1:**For each group:**

- a box of sugar cubes,
- a large nail
- water in a beaker
- scissors
- a wedge of some kind to place the cubes on
- a shallow roasting pan

For each student:

- Science Journals
- "Sugar Cube Canyon" Data Sheet
- Harcourt Brace Workbook pg. 86 – Wind Erosion

EXPLAIN 2:**For the class:**

- Computer/TV Monitor

For each student:

- Science Journal

ELABORATE 1:**For each group: (1-3 groups)**

- Newspaper
- (2) Wide Mouth Jars
- masking tape
- flat board 15 cm long
- sandy soil
- metric ruler
- a craft stick
- a roller type paint tray
- a watering can/rain maker with water

For each student:

- Scientific Lab Sheet
- HB Textbook
- HB TAAS Practice Book pg. 29
- *optional homework: HB Workbook pg. 87

ELABORATE 2:**For the class:**

- Transparency of A Changing Coastline
- Stream Table
- Bucket
- Plastic Ruler or a long block
- Watch/clock with second hand
- Monopoly houses/motels
- Extension Activity: sand with Rye Grass
- hair dryer
- watering can
- goggles

For each student:

- Science Journals

EVALUATE 1:**For the class:**

- Poster Game Board
- Jeopardy Game Questions and Answers
- 3 bells or some other signaling system

For each student:

- Part 2 Study Guide

EVALUATE 2:**For each student:**

- Earth Materials and Change Over Time
End of Unit Test