

Week of June 1
Second Grade - Science
Erosion and Weathering

• Monday, June 1

Start **thinking** about the definition of erosion

<https://www.generationgenius.com/changing-the-shape-of-land-reading-material/>

You do not need to download or watch. Scroll down to the 'DEFINITION OF EROSION.' You can click the orange volume button for 'Read Out Loud'. **Listen** to all, six parts . Then, **click** on the orange vocabulary words to **read** the definition of each word. Also, **read** the questions and answers to 'Changing The Shape of Land Questions.' Be sure to **click the down arrow, ↓** to read each answer.

Complete the worksheet on matching.

Name _____ Date _____

Matching Erosion Worksheet

Directions: Draw a line from the word to the correct definition. Use the Vocabulary cards from the link above to help you.

WORD

DEFINITION

coast

a flowing stream of water

erosion

when wind blows across water and makes the water move up and down

rainfall

the area where land meets the ocean

river

water that falls down from clouds

waves

what happens when the air around us moves from place to place

Wind

moving pieces of the Earth's surface from one place to another

- Tuesday, June 2 **AND** Wednesday, June 3

Complete Before Video Paper, discussion questions

Watch the video, more than once if you want (it's 11minutes long)

<https://www.generationgenius.com/?share=FDE43>

Complete the After Video paper, discussion questions

Name _____ Date _____

Before Video Discussion Questions

1. Where might you see moving water ? _____

2. Where might you see the wind move things? _____

3. How can the land change over time? _____

4. How could wind or water change the land/soil around you? _____

5. What happens at the beach when water meets the land? _____

6. What happens when wind moves fast over land? _____

Be sure to watch the video: <https://www.generationgenius.com/?share=FDE43>

Answer these questions according to the information in the video.

Name _____ Date _____

AFTER Video Discussion Questions

1. How can wind change the shape of the land? _____

2. How can water change the shape of the land? _____

3. What are some examples of erosion? _____

4. How was the Grand Canyon formed? _____

5. What can help reduce or stop water erosion? _____

6. What can help reduce or stop wind erosion? _____

PLEASE **go back** and **read your answers** to make sure they all make sense ☐, have an uppercase letter ☐ and end with a period ☐. Thank you .

- **Thursday, June 4**

Watch the 'Do It Yourself' video

<https://www.generationgenius.com/activities/changing-the-shape-of-land-activity-for-kids/>

Try making your own 'Water Erosion Model' and **take** a 20-30 second video and **send** it to your teacher. Build a model to test ways to slow down erosion!

Suggested Materials. You can always substitute something for something else. The video suggests cloth, wood chips or rocks.

MATERIALS NEEDED

- Stack of books
- Watering can with water
- 2 Cake pans
- 2 Bread pans
- Pack of soil
- 8 Plastic forks

PROCEDURE

1. Fill two cake pans with an equal amount of soil and carefully pat it down a little.
2. Lean the cake pan on a pile of books and lean the other side in the bread pan.
3. In one of them, stick forks into the soil, this will act like trees.
4. Slowly pour water onto the soil on one side of the bread pan.
5. Watch it flow down into the cake pan.
6. Observe how much soil was eroded away.
7. You can test other ways to slow down or stop erosion using this model.

WHAT IS GOING ON HERE?

Erosion is when tiny pieces of the Earth's surface are moved from one place to another. This is usually caused by moving water or wind. In our model we used flowing water to move soil. Plants are a great way to slow down or stop erosion and the forks we stuck into the soil acted like the roots of a plant to help hold the soil in place.

• Friday, June 5

Play the online quiz game. <https://quizizz.com/join/quiz/5e836cc9921465001bf02890/start>
A self paced game. Click 'play individually'. Click 'play quiz'. Read the question , fill in the blank, or look at the picture, then choose the correct word card.

Please Note: When the game ends you have choices to 'Play again' or 'Find a new quiz.' Be sure to ask an adult before finding a new quiz. If you scroll down you will see Study Flashcards, too.

Complete the Quiz Game Review sheet.

Game Review Worksheet

Name :

Date:

Use complete sentences.

What is the game about? _____

Would you recommend the game? Why? _____

Was the quiz game.....

- ◇ Too Easy
- ◇ Just Right
- ◇ Too Hard

Rate the game by coloring in the number of stars.

