

# Erosion & Deposition

**For  
Special  
Ed**

**with  
29 Google  
slides**



Special Needs for Special Kids



*This unit was created with this guy in mind. He has autism and an intellectual disability. He is a non-reader, and loves the sound of piano keys. With some support he is able to do this unit, and enjoys the challenge. He is my tester!!*

## Table of Contents

Worksheet pages	Title
4-30	Erosion and Deposition book
31-33	Vocabulary Board
34-39	Erosion circle map
40-42	Sorting activity (causes and preventions)
43-46	Erosion sequencing
47-59	Experiments
60-66	Close worksheets
67-84	Assessment
85-86	Terms of Use

There are 3 other files in this unit:

- Lesson plan
- Recorded PowerPoint show
- **Directions and links to digital versions of these activities.**

*This unit contains over 80 pages of material plus 29 google slides. I have included a detailed lesson plan to help you make the most of everything in this unit including how to add some group activities.*

# Erosion and Deposition

## Lesson Plan

### Preparation

- Print out a vocabulary board for each student to use throughout unit
  - Laminate or place in page protector
- Book
  - Print out, laminate, and bind

### Preassessment (do day 1 before starting lesson)

- Use the fact sheet to assess what your students may already know
- I cannot emphasize enough how important this step is. If you want to see growth, this preassessment is so important!!

### Teaching Tips

1. *Color Coding:* this is a really easy way to add more structure to a matching activity. Outline or color in an empty box or sorting label. Outline or color in the corresponding picture symbols the same colors. Becomes a color matching task.
  - a. For more info, read more here:  
<https://specialneedsforspecialkids.org/2015/09/05/using-color-coding-for-differentiation/>
  - b. I also have a blog post on differentiating one activity 3 ways:  
<https://specialneedsforspecialkids.org/2018/10/22/differentiating-1-activity-3-ways-easily-and-effectively/>
2. *Make your own copies of the activities:* Every day I review the activity we did yesterday. For that reason:
  - a. I often complete the activity myself and often laminated it for easy review that I could use year after year.
  - b. My copies were also helpful as either a model for students who needed more support or as a way for more advanced students to self-check their work.
3. *Options for Use:* Turn any activity into a reusable file folder activity by laminating and adding Velcro.
  - a. For more info, watch this video here:  
<https://www.teacherspayteachers.com/Product/Making-File-Folder-Activities-3474240>

The lesson plans contain:

Overall tips for teaching students with significant needs

## Quick Look

Day	Activity
1	<ul style="list-style-type: none"><li>• Book</li><li>• Vocab board activity</li><li>• Circle map</li></ul>
2	<ul style="list-style-type: none"><li>• Book</li><li>• Vocab board activity</li><li>• Sorting activity</li></ul>
3	<ul style="list-style-type: none"><li>• Book</li><li>• Vocab board activity</li><li>• Sequencing activity</li></ul>
4	<ul style="list-style-type: none"><li>• Book</li><li>• Experiment 1</li></ul>
5	<ul style="list-style-type: none"><li>• Book</li><li>• Experiment 2</li></ul>
6	<ul style="list-style-type: none"><li>• Book</li><li>• Vocab board activity</li><li>• Close worksheet</li></ul>
7	<ul style="list-style-type: none"><li>• Book</li><li>• Vocab board activity</li><li>• Close worksheet</li></ul>
8	<ul style="list-style-type: none"><li>• Assessment</li></ul>

*The lesson plans contain:*

*A quick look at what you will do each day*

### Day 3

Activity	Notes	Materials
Read the book or listen to the recorded PowerPoint (10 minutes)	<ul style="list-style-type: none"><li>• Read through the story, asking lots of questions</li><li>• Continue to make connections between book and vocabulary board</li></ul>	<ul style="list-style-type: none"><li>• Book</li><li>• Vocabulary board</li></ul>
Scavenger Hunt with vocabulary board (10 minutes)	<ul style="list-style-type: none"><li>• Paste the symbols around the room</li><li>• Students walk around with their vocabulary board looking for matching symbols</li><li>• Place a sticky note on their board covering the symbols as they find them</li></ul>	<ul style="list-style-type: none"><li>• Vocabulary board cut apart</li><li>• tape</li><li>• Vocabulary board</li></ul>
Sorting activity review (5 minutes)	<ul style="list-style-type: none"><li>• Review the sorting activity completed yesterday</li></ul>	<ul style="list-style-type: none"><li>• Completed activity from yesterday</li></ul>
Sequencing activity (10 minutes)	<ul style="list-style-type: none"><li>• Do the sequencing or erosion activity</li><li>• Choose to use either photos, picture symbols or both!</li><li>• Use color coding or numbers if needed for additional support</li><li>• Make connections to the book as necessary</li></ul>	<ul style="list-style-type: none"><li>• Sequencing pictures</li><li>• Construction paper</li><li>• Scissors</li><li>• Glue</li></ul>
Sharing (10 minutes)	<ul style="list-style-type: none"><li>• Each student shares their finished worksheets</li></ul>	<ul style="list-style-type: none"><li>• Completed worksheet</li><li>• Communication devices</li></ul>

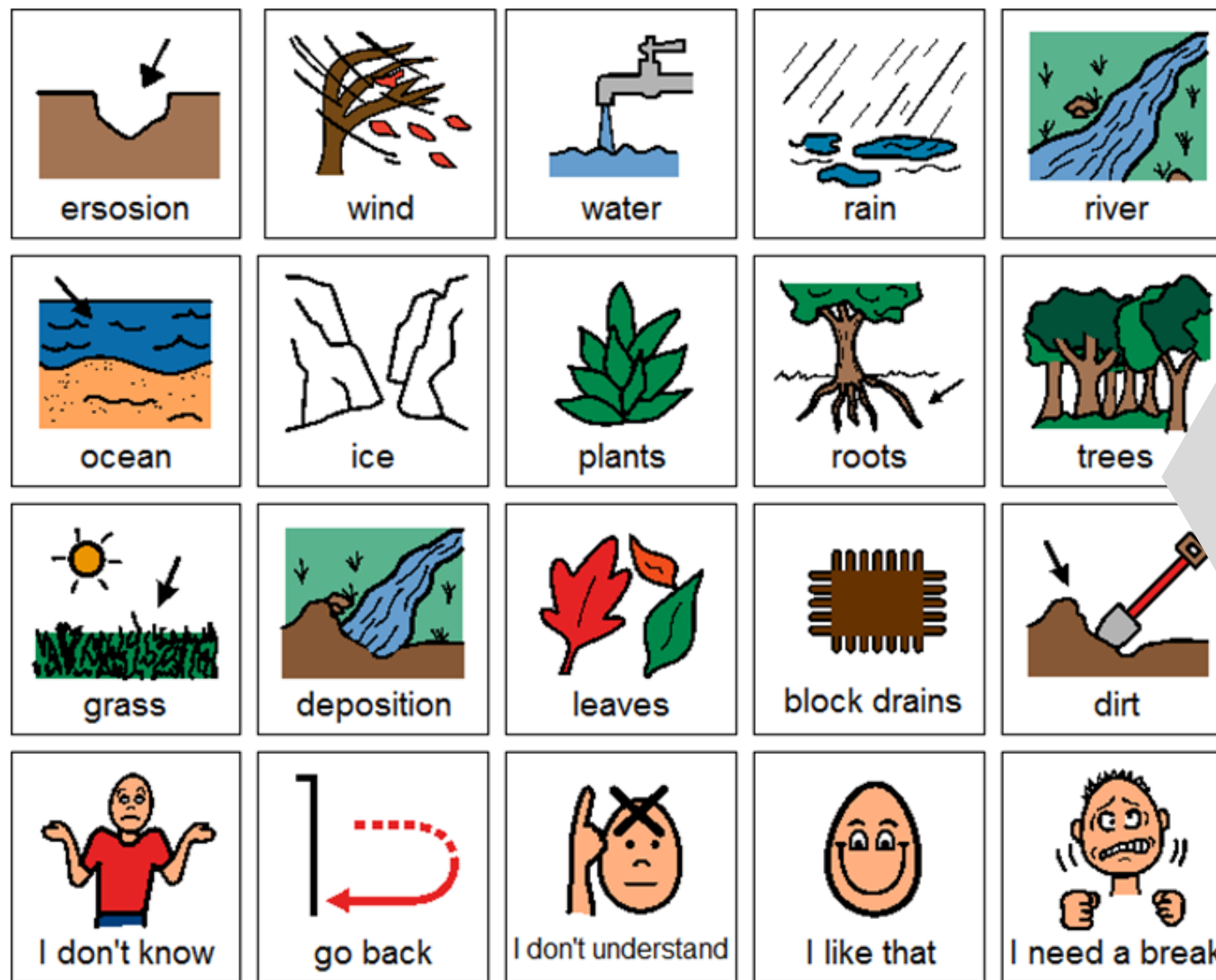
The lesson plans contain:

Detailed instructions on how that day's lesson should run

This unit comes with a vocabulary board.

Vocabulary boards are great for ALL students to assist with participation and engagement in group discussions.

Tips on how to use in the unit!!



**Erosion can be caused by wind and rain.**



*There is a 27-page book with simple text and engaging photos.*

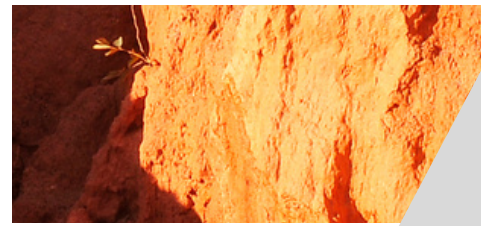
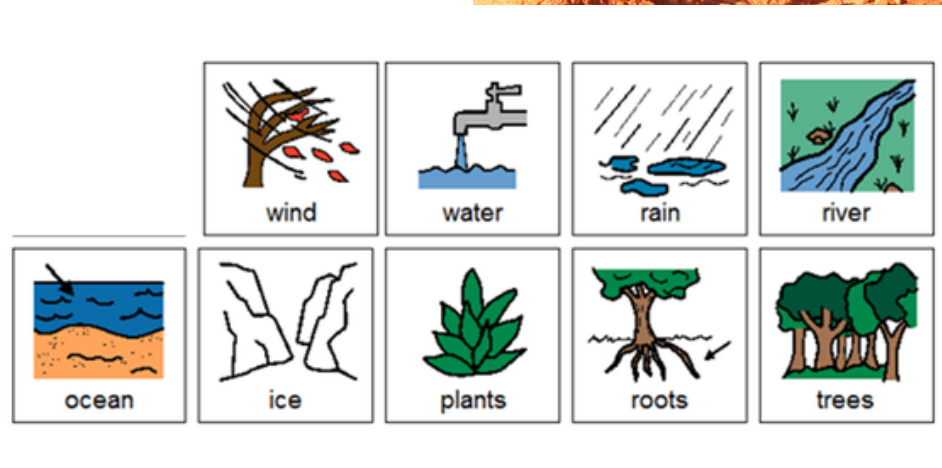
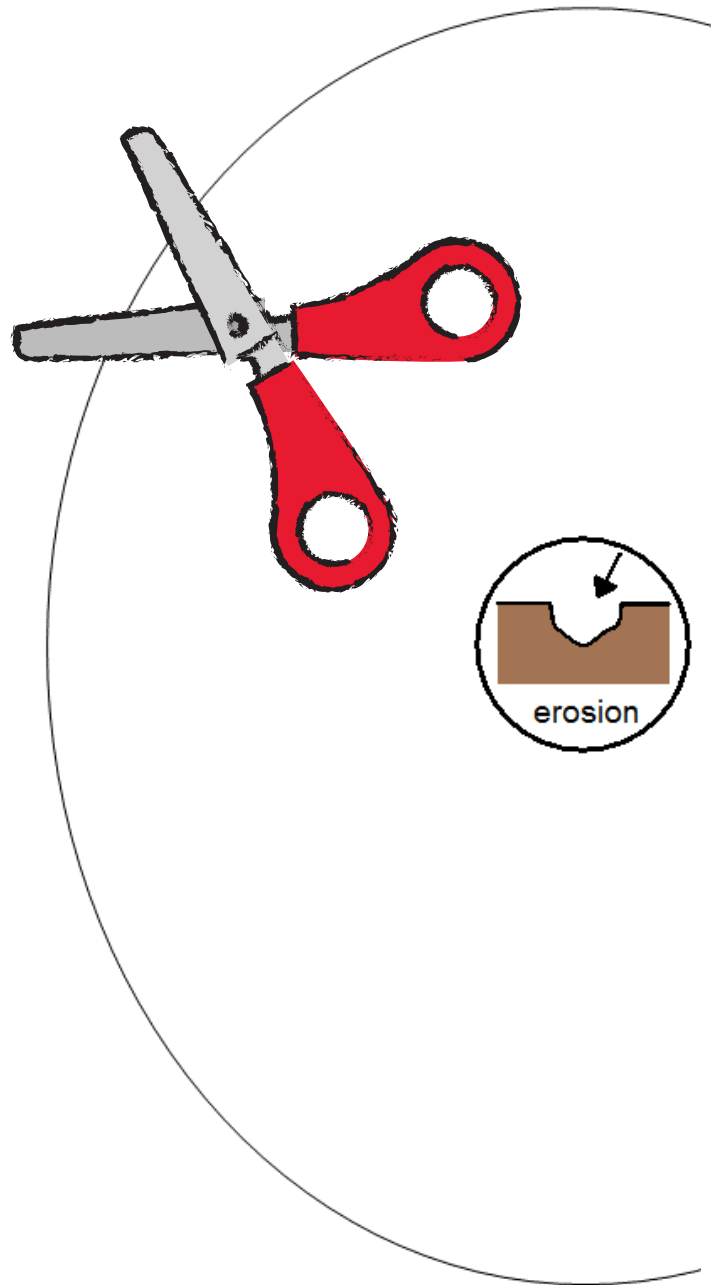
## **Problems**

- **Deposition can also bring harmful chemicals and pesticides to new places.**

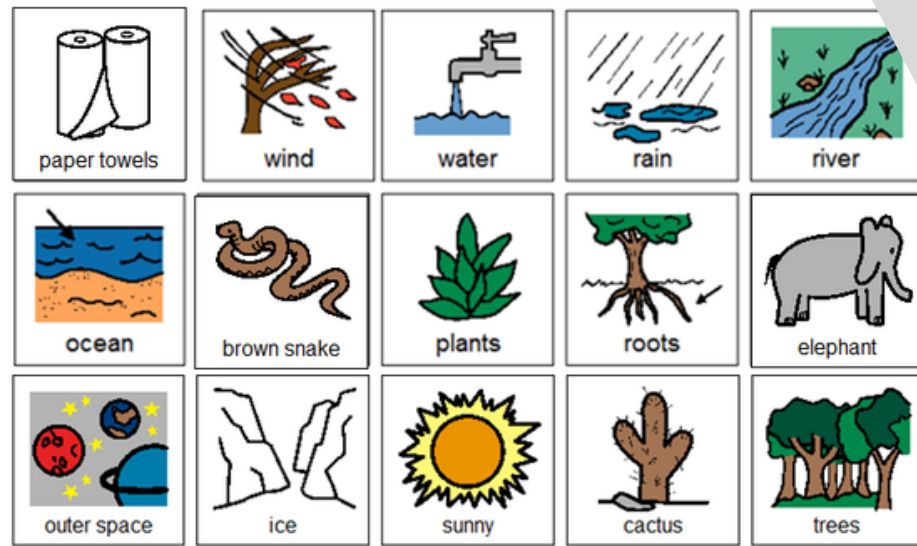


*It comes in pdf version as well as a voice recorded PowerPoint (so you don't have to print it out.) There is also a movie version you can use in google slides.*





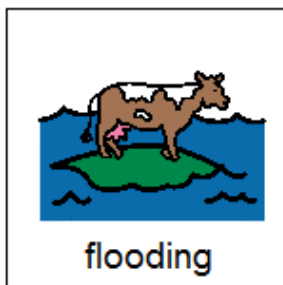
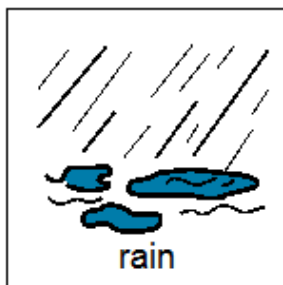
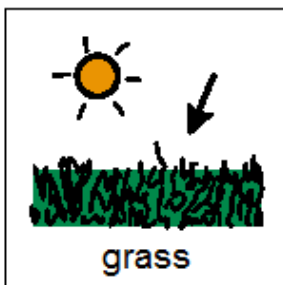
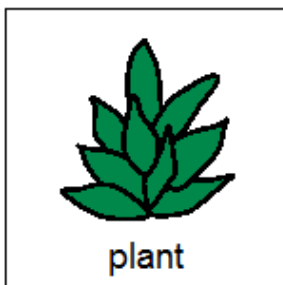
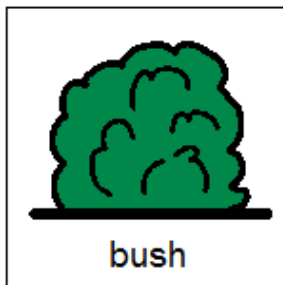
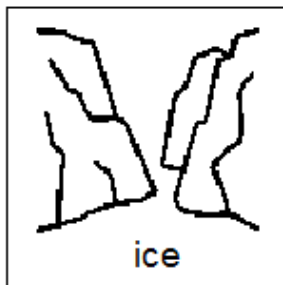
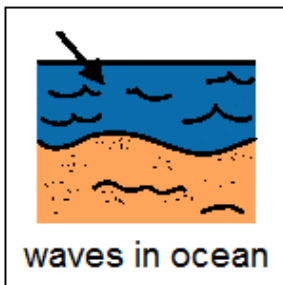
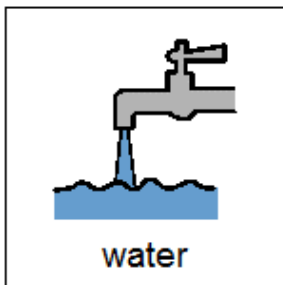
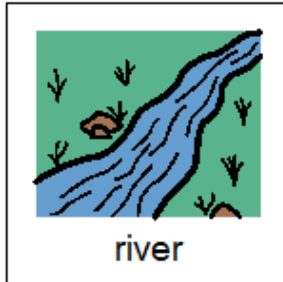
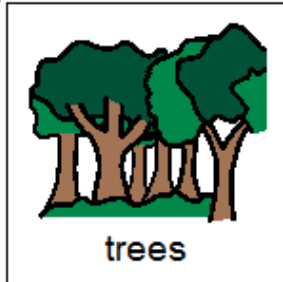
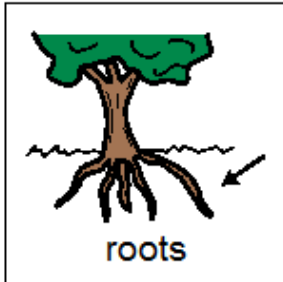
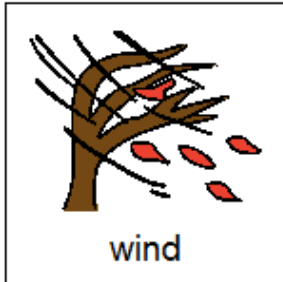
Cut apart the pictures and place in map on previous page  
**ONLY IF** they are about erosion.



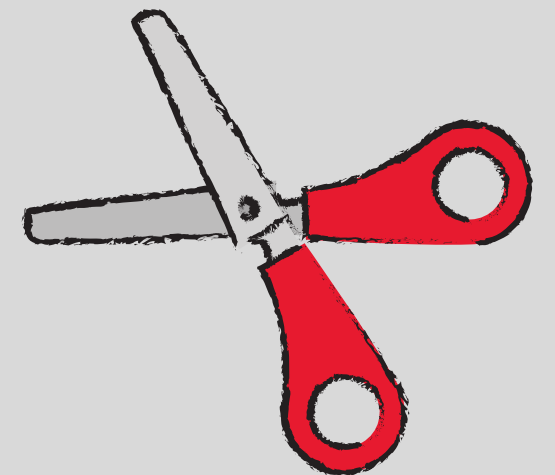
There is a circle map on erosion.

Circle maps are a great way for students to see the concept at a glance. There are 2 versions:

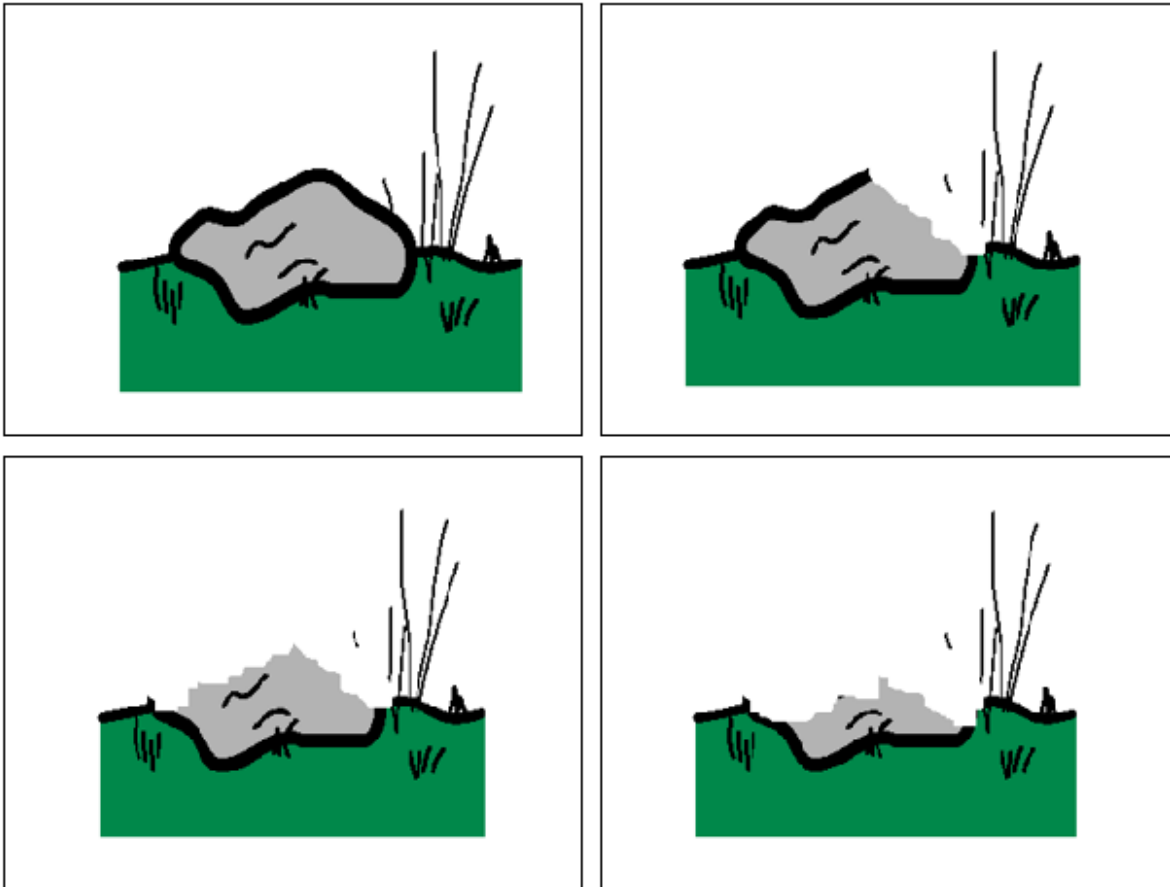
- One is errorless
- One has wrong answers mixed in students will have to set aside



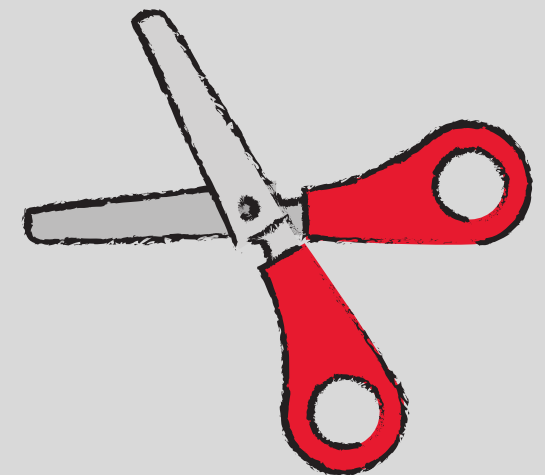
There is a sorting activity looking at causes and ways to prevent erosion.



Cut apart pictures and sequence on construction paper to show how the rock is undergoing erosion.



There is a sequencing activity looking at different rocks that have been eroded.



## Erosion Experiment #2 Wind and Sand Dunes

People on my team: \_\_\_\_\_  
\_\_\_\_\_

### Materials needed:



## Erosion Experiment #2 Wind and Sand Dunes

### My hypothesis

I think the rocks will  the erosion from the wind.

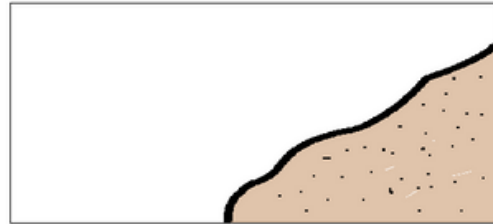
I think the toothpicks will  the erosion from the wind.



## Erosion Experiment #2 Wind and Sand Dunes

### The Experiment:

1. Move all the sand to one end of the box to make a sand dune.



2. Add some small stones on the top.
3. Place 15 toothpicks close together in one spot to act like the grass you see on a sand dune.
4. Wearing safety goggles, slowly blow on the sand, using the straw from the top of the dune to the bottom.
5. Y
6. D
- te

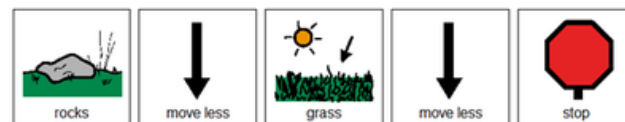
## Erosion Experiment #2 Wind and Sand Dunes

### What I learned

make the sand  when the wind blows.

makes the sand  when the wind blows.

Rocks and grass in the sand dunes help  erosion from the wind.



There are 2 experiments. Included are teacher directions, student pages (collecting materials, instructions with picture prompts, and recording observations.)

## Erosion

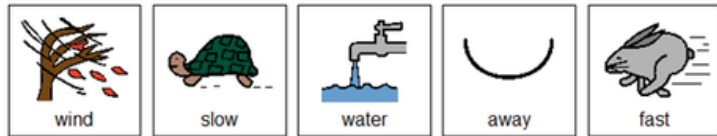
1. Erosion is when the something is worn .

2. Erosion can happen  like in a storm.

3. Erosion can happen  as an iceberg moves.

4. The  in a river can cause erosion.

5. Powerful  like in a hurricane can cause erosion.



## Deposition

Deposition results from .

Rocks and  are common things deposited in a place.

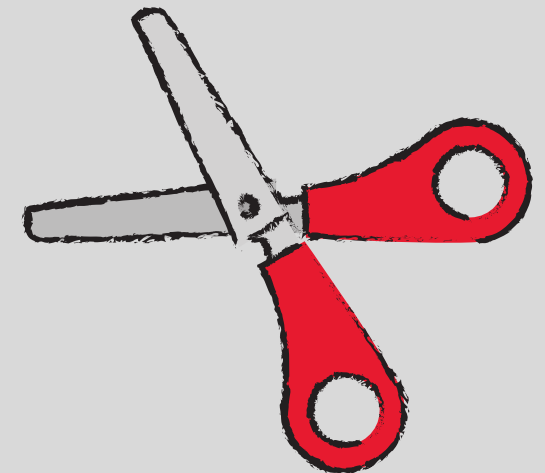
Deposition can cause storm drains to become .

4. Deposition can  dirt and rocks lost by erosion.

5. Deposition can be both  and .

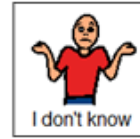
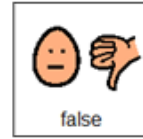
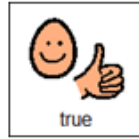


There are 3 fill in the blank worksheets. These are great for review prior to the assessment to determine if any re-teaching is needed.

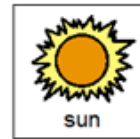
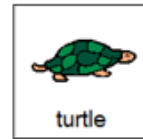


Version 1

1. True or False. We want to try and prevent erosion.



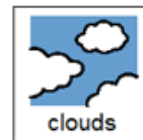
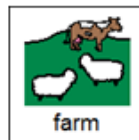
2. Which of the following is a cause of erosion?



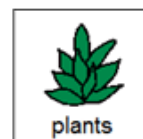
3. Which picture shows the most erosion?



4. Which of the following is a cause of erosion?



5. Which shows something that would help prevent erosion?



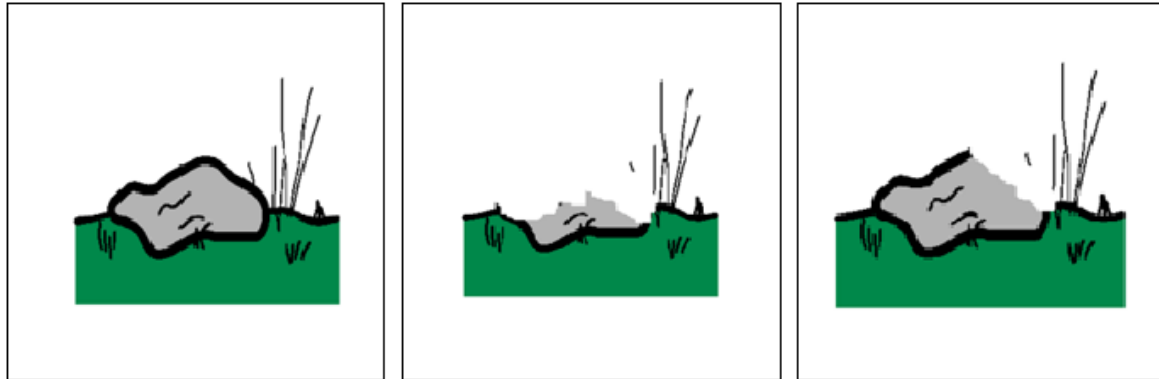
There is a 10 question final assessment.

There are 3 versions. This version has 10 questions with 3 picture choices for each question.

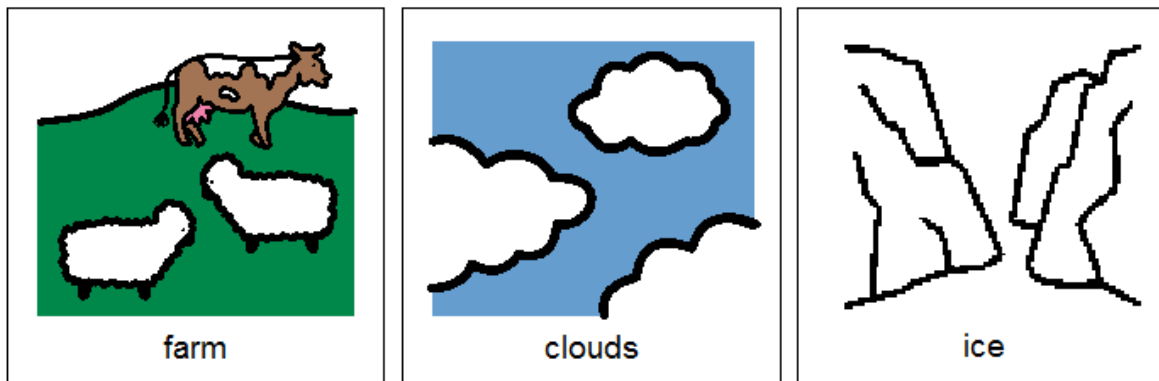
Answer key included.

Print onto cardstock or mount on index cards. Cut pictures apart and show student answer choices for each question.

Q 3



Q 4



With this version, you cut out the answer choices and glue them on index cards. Ask the student the question, and they point to the correct answer.

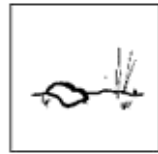
1. True or False. We want to try and prevent erosion.

- A. True
- B. False
- C. I don't know

2. Which of the following is a cause of erosion?

- A. Wind
- B. Turtle
- C. sun

3. Which picture shows the most erosion?



4. Which of the following is a cause of erosion?

- A. Farm
- B. Clouds
- C. Ice

5. Which shows something that would help prevent erosion?

- A. City
- B. Plants
- C. River

*This is your traditional multiple choice version. It can also be used as a recording sheet if your students are using the version with index cards.*





I realize there will be some students out there unable to do cutting activities. I have a blog post with ways to complete activities without a pair of scissors!!

*Most of the activities (except the book) come in color and black and white.*

**[Click Here to read more!!](#)**

## Erosion Experiment #2

### Wind and Sand Dunes

#### What I learned

make the sand  when the wind blows.

makes the sand  when the wind blows.

Rocks and grass in the sand dunes help  erosion from the wind.

Choose from the pictures below to complete each sentence about what you saw and learned.



Christa Joy, Special Needs for Special Kids  
The Picture Communication Symbols ©1982-2022 by Tobii Dynavox. All Rights Reserved  
Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox

There is a separate file with directions and links to the digital versions of these activities. There are 29 activities in all. the video preview shows the differentiated set of activities.

[Click Here to see the preview](#)