

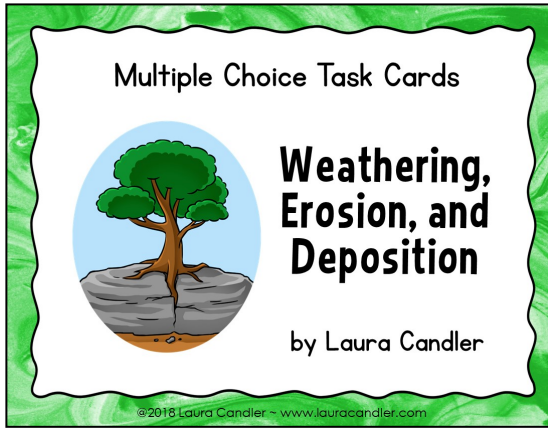
Includes Digital Images for Plickers

Weathering Erosion & Deposition

Task Cards & Google Quizzes



Laura Candler



Weathering, Erosion, and Deposition Task Cards includes 24 task cards with examples of weathering, erosion, and deposition, along with several related resources. Printable task cards and digital task card images are included. These task cards are perfect for students working alone, with partners, in cooperative learning teams, and in learning centers. Here's what's in this product:

- 24 printable multiple choice task cards (color and B&W)
- 24 full-color task card images for digital use
- Answer Recording Form and Answer Key
- Weathering, Erosion, and Deposition Mini-poster and half-page student handout
- 2 self-grading editable task card quizzes for Google Classroom

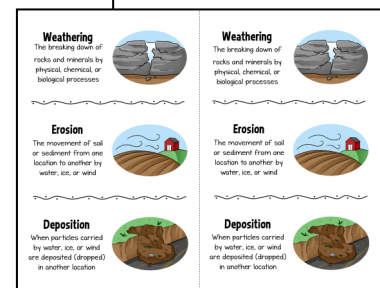
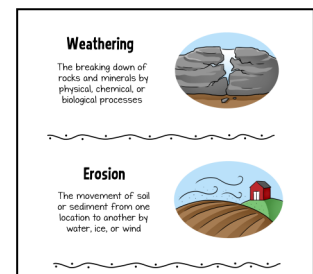


2 Self-Grading Task Card Quizzes for Google Classroom

Weathering, Erosion, and Deposition Review

Weathering, erosion, and deposition are three processes that work together to change the earth's surface and create new landforms. The terms have different meanings, but because these processes work together, students often find the terms to be confusing. Before you use the task cards, display the Weathering, Erosion, and Deposition Mini-poster and take a few minutes to review all three processes. Show your students the full-page version on page 5 or print a copy of the half-page handouts on page 6 for each student.

Be sure to emphasize that weathering is the breaking down of rocks and minerals into smaller particles, erosion is the movement of those particles to another location, and deposition occurs when those particles are eventually deposited, or dropped.



Tips for Using the Printable Task Cards

Print the task cards on sturdy cardstock or construction paper, and laminate them if possible. Cut the cards apart and store each set in a plastic zippered bag. Be sure to print a title card and an answer key for each set. After your students use the task cards, ask them to place the deck back into the zippered bag with the title card on top and the answer key on the bottom. If you want your students to record their answers, print a copy of the recording form for each student.

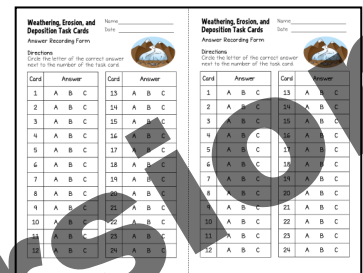
How to Create Digital Decks of Task Cards

If you prefer to go paperless, you can easily create digital decks of task cards from the task card images. Simply upload the Task Card Images folder to your Google Drive or Dropbox and open the folder on a mobile device. Students can use the digital task cards the same way they would use a deck of paper cards, but instead of turning over the top card, they will tap the screen to show the next image.



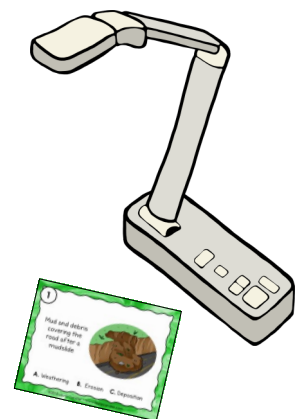
Task Card Review Activities

- **Team Scoot** is an active engagement strategy that gets kids up and moving around the room as they solve problems on task cards. You'll need one paper task card and one recording form for each student. Read [Team Scoot - A New Twist on an Old Favorite](#) to get the full directions.
- **Showdown** is a fast-paced review activity for cooperative learning teams. Each team will need a paper or digital deck of task cards which is placed in the center of the team. Team members take turns flipping over the top card, and everyone answers each question on a their own dry erase boards. Read [Show What You Know](#) for the full directions.



Task Card Assessment Strategies

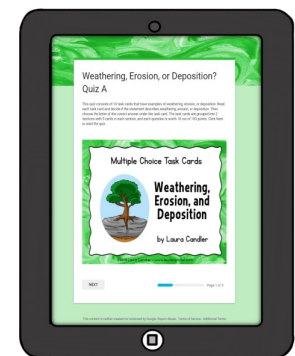
- **Teacher-directed Formative Assessment Method**
Task cards make formative assessment easy and fun! If you use paper task cards, place them under a document camera, one at a time, and ask your students to record their answers on dry erase boards or on the recording form on page 8. If you prefer the paperless option, open the folder called Task Card Images and display the images one at a time on an interactive whiteboard.
- **Self-Grading Task Card Quizzes for Google Classroom**
This product also includes two self-grading quizzes created from the task card images that can be accessed online and used with Google Classroom. Each quiz has 10 questions with a default point value of 10 points out of 100. Quiz A includes tasks cards 1 to 10, and Quiz B was created from task cards 11 to 20. To access the quizzes, click the links below and you'll be prompted to save a copy of each quiz in your Google Drive. Be sure to save the quiz in a folder where you can easily find it later.



Quiz A → [Links removed in preview version](#)

Quiz B → [Links removed in preview version](#)

After you open each file, you'll be able to edit the quiz as if you had created it yourself. You can change the quiz name, add or remove questions, and change each question's point value.



Self-Grading Task Card Quizzes for Google Classroom

How to Use the Task Cards with Plickers

Plickers is a free, interactive assessment tool that uses “paper clickers” as replacements for clicker devices. The teacher prints a unique Plicker card for each student. During the lesson, the teacher displays a multiple choice question, and students hold up their Plickers to respond. The teacher scans the cards with a mobile device, similar to the way one would scan a QR code. He or she can instantly see assessment data for that question including who has the correct answer and who does not.

The main drawback is that teachers have to enter the questions and answers manually. Fortunately, there’s a feature that allows the user to import images for the questions which is a huge time-saver. When you upload a task card image that has multiple choice answers, you never have to type the questions or the answers! To make this process easier for you, I created a step-by-step tutorial called **Plickers Made Easy with Task Cards**. You’ll find this tutorial in the main product file.

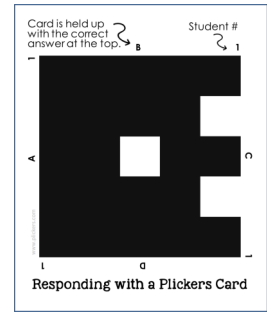
Before you read my tutorial, go to www.plickers.com to set up your free account and watch their online tutorials. Then follow my tutorial to import the task card images and add them to your Plickers library.

More Plickers Resources

Plickers is such an amazing free tool that I was inspired to present a webinar to help spread the word about the program. I covered how to get started with Plickers as well as innovative ways to use Plickers beyond assessment. [Click here to sign up for the webinar replay.](#)

I also wrote two blog posts about Plickers, and I think you’ll find both of them to be helpful, especially if you don’t have time to watch the webinar. The first was [Plickers 101: Easy Digital Tickets and More](#), and the second was titled [Plickers 102: Innovative Ways to Use Plickers](#).

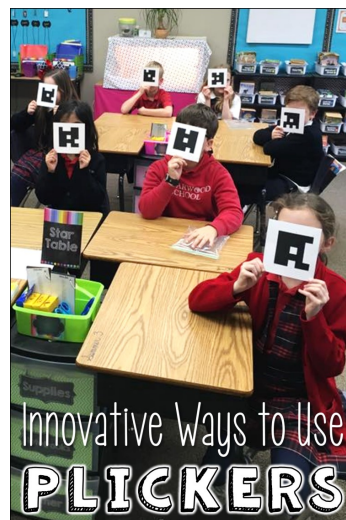
Finally, I set up a Facebook group for teachers who are using Plickers because I wanted a place where everyone could share ideas and support each other. [Click here to sign up for the Facebook Group.](#)



Free Step-by-Step Tutorial!

PLICKERS FACEBOOK GROUP

Share ideas
and learn with
others who are
using Plickers!



Weathering

The breaking down of rocks and minerals by physical, chemical, or biological processes



Erosion

The movement of soil or sediment from one location to another by water, ice, or wind



Deposition

When particles carried by water, ice, or wind are deposited (dropped) in another location



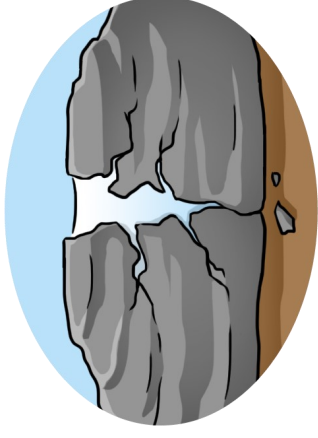
Weathering

The breaking down of rocks and minerals by physical, chemical, or biological processes



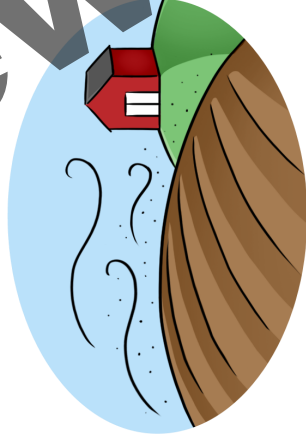
Weathering

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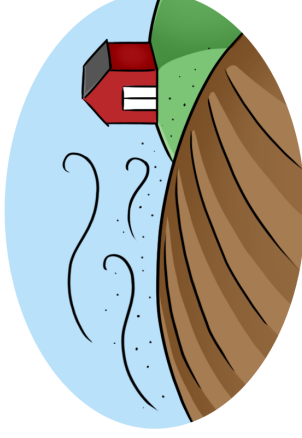
Erosion

The movement of soil or sediment from one location to another by water, ice, or wind



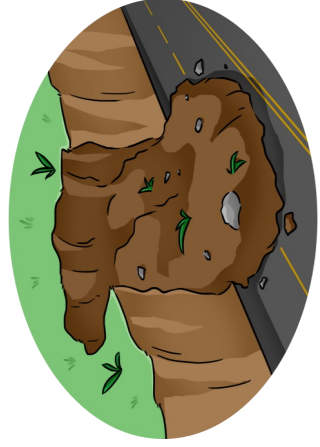
Erosion

The movement of soil or sediment from one location to another by water, ice, or wind



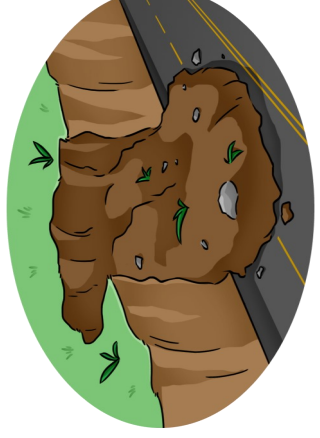
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When particles carried by water, ice, or wind are deposited (dropped) in another location



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Weathering, Erosion, and Deposition

Task Cards Answer Key



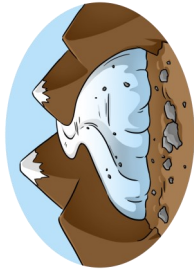
Directions
Circle the letter of the correct answer next to the number of the task card.

Card	Answer
1	A B C
2	A B C
3	A B C
4	A B C
5	A B C
6	A B C
7	A B C
8	A B C
9	A B C
10	A B C
11	A B C
12	A B C

Card	Answer
13	A B C
14	A B C
15	A B C
16	A B C
17	A B C
18	A B C
19	A B C
20	A B C
21	A B C
22	A B C
23	A B C
24	A B C

Weathering, Erosion, and Deposition

Task Cards Answer Key



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17	A B C
18	A B C
19	A B C
20	A B C
21	A B C
22	A B C
23	A B C
24	A B C

Weathering, Erosion, and Deposition Task Cards

Name _____
Date _____

Answer Recording Form

Directions

Circle the letter of the correct answer next to the number of the task card.



Card	Answer
1	A B C
2	A B C
3	A B C
4	A B C
5	A B C
6	A B C
7	A B C
8	A B C
9	A B C
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13	A B C
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19	A B C
20	A B C
21	A B C
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23	A B C
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Weathering, Erosion, and Deposition Task Cards

Name _____
Date _____

Answer Recording Form

Directions

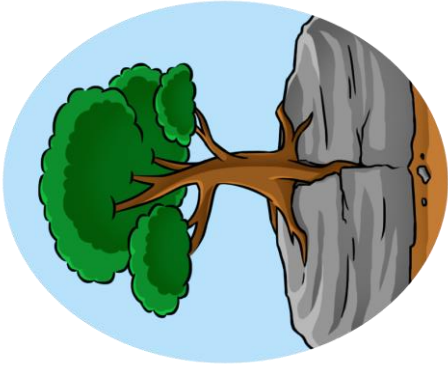
Circle the letter of the correct answer next to the number of the task card.



Card	Answer
1	A B C
2	A B C
3	A B C
4	A B C
5	A B C
6	A B C
7	A B C
8	A B C
9	A B C
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Card	Answer
13	A B C
14	A B C
15	A B C
16	A B C
17	A B C
18	A B C
19	A B C
20	A B C
21	A B C
22	A B C
23	A B C
24	A B C

Multiple Choice Task Cards

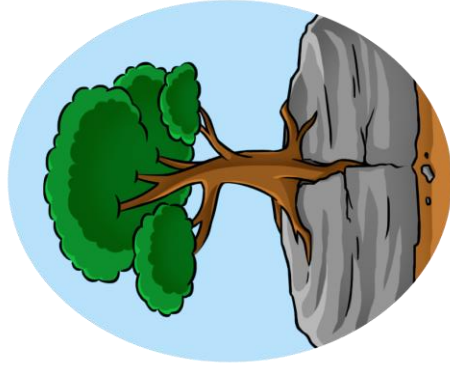


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by Laura Candler

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Multiple Choice Task Cards



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Weathering, Erosion, and Deposition Task Cards Answer Key

1. C
2. B
3. A
4. A
5. B
6. C
7. B
8. A
9. C
10. A
11. C
12. B
13. C
14. A
15. B
16. C
17. B
18. C
19. A
20. B
21. C
22. A
23. A
24. B

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1. C
2. B
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4. A
5. B
6. C
7. B
8. A
9. C
10. A
11. C
12. B
13. C
14. A
15. B
16. C
17. B
18. C
19. A
20. B
21. C
22. A
23. A
24. B

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1

Mud and debris covering the road after a mudslide



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2

Hurricane storm surge waves carrying soil away from a cliff

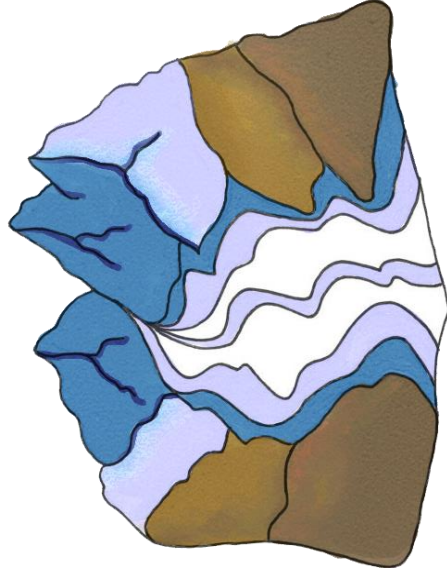


A. Weathering B. Erosion C. Deposition

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3

Glaciers scraping along the earth's surface and wearing away the rock

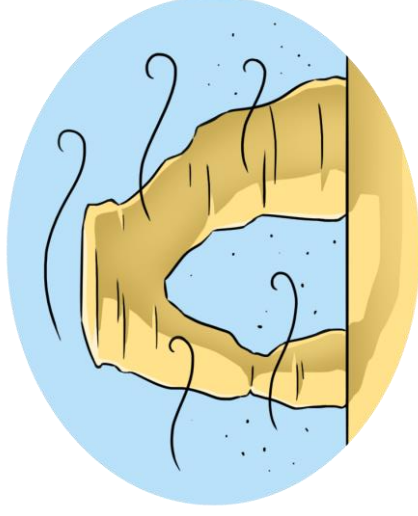


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4

Wind blasting sand particles at rock and carving out smooth arches



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5

Rocks and soil trapped in a glacier being carried down a mountainside

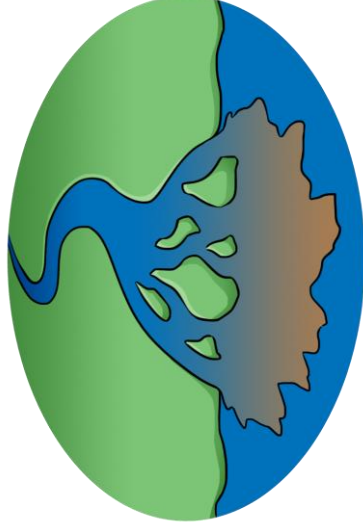


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6

A muddy delta forming at the mouth of a river

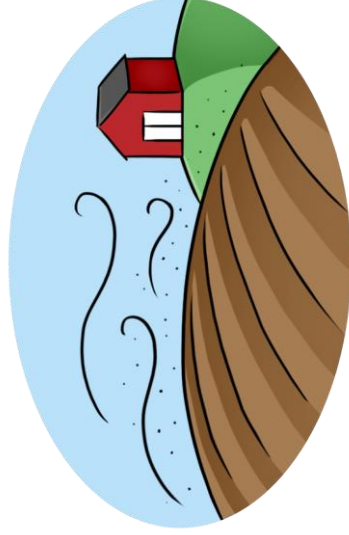


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7

Strong winds blowing loose soil across a vacant field

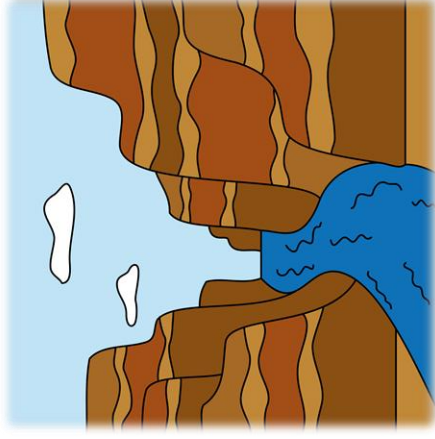


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8

Flood waters pounding against a canyon wall and wearing it away

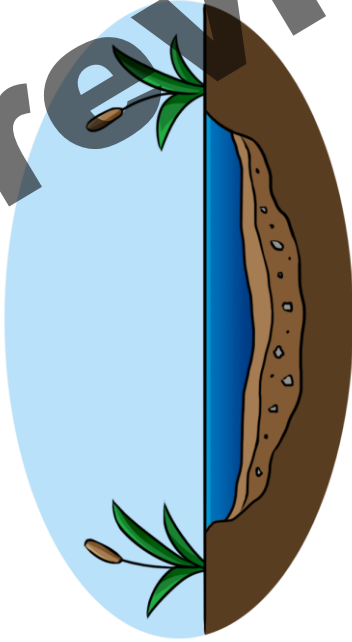


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9

A pond filling up with sediment



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10

Water trickling into cracks in rocks, freezing, and breaking them apart

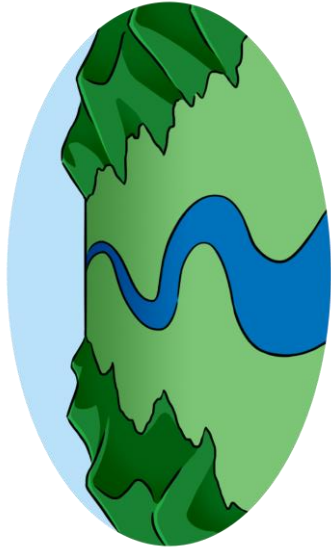


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11

A floodplain forming next to a river when floodwaters recede and deposit soil and sediment

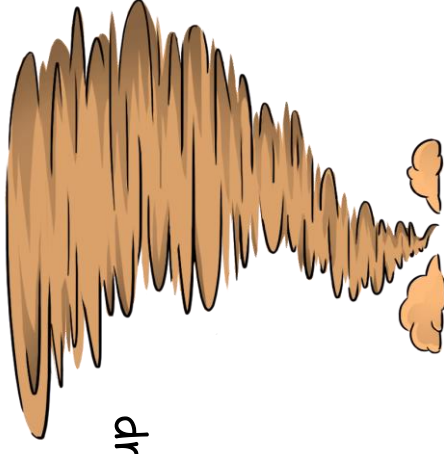


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12

A tornado picking up soil and forming a twister that speeds across the countryside



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13

Glaciers dropping rock and debris to form terminal moraines



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14

Rocks in a streambed being worn smooth by fast-moving water

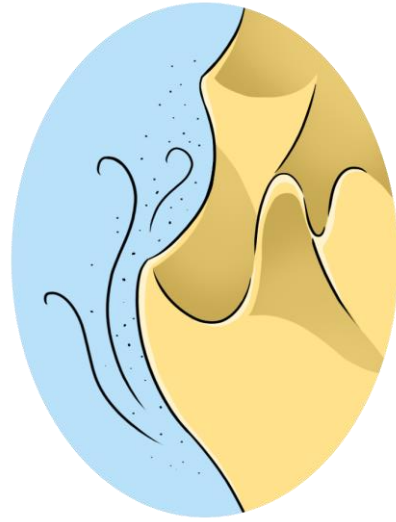


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15

Wind blowing particles of sand across the top of a sand dune

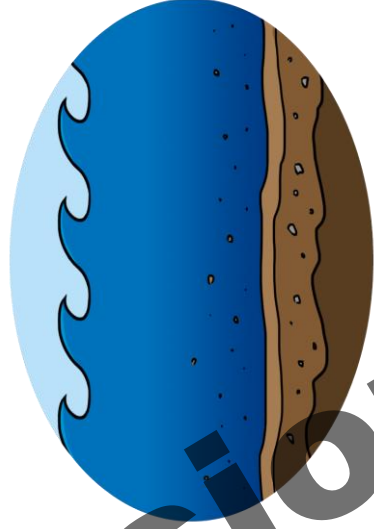


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16

Layers of sand and sediment accumulating on the ocean floor

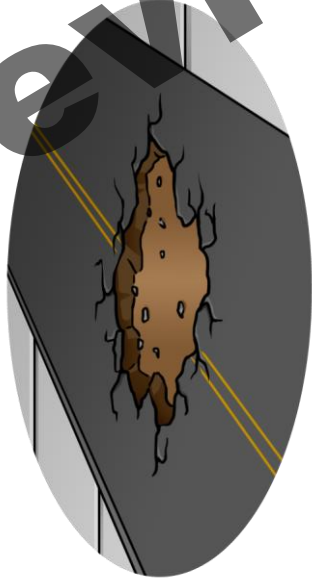


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17

Soil under cracked pavement being washed away, causing potholes to form in a road

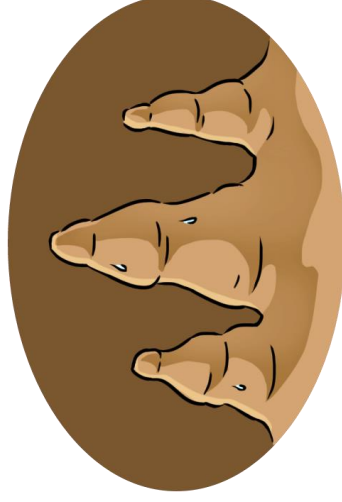


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18

Stalagmites forming on a cave floor due to a build up of minerals

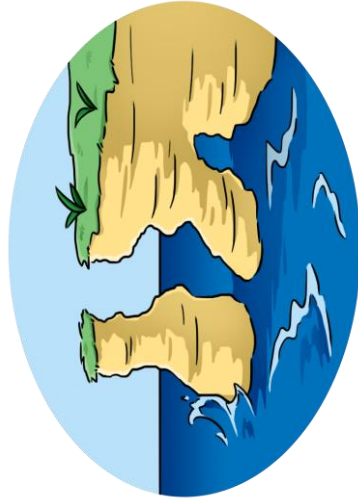


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19

Waves pounding against a rocky cliff, wearing away the softer rock to form sea stacks

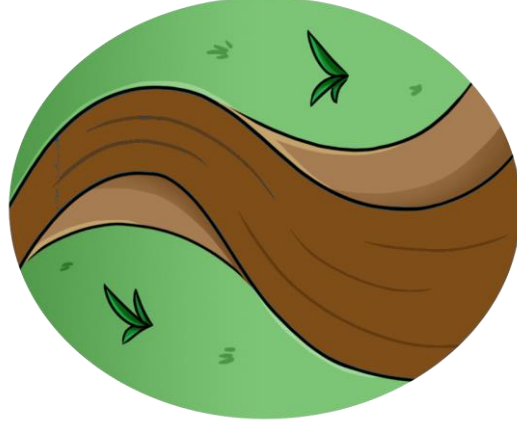


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20

Muddy water flowing in a fast-moving river after a hard rain

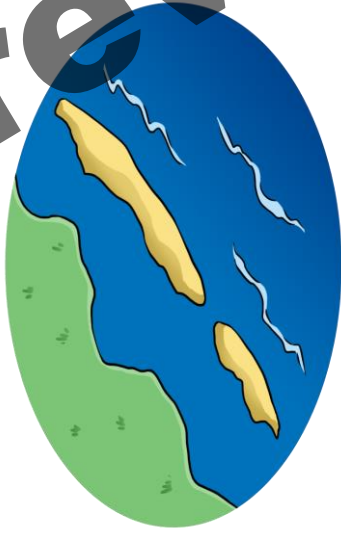


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21

Sandbars forming when sand is dropped by slow-moving waves



A. Weathering B. Erosion C. Deposition

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22

Acid rain dissolving underground limestone causing sinkholes

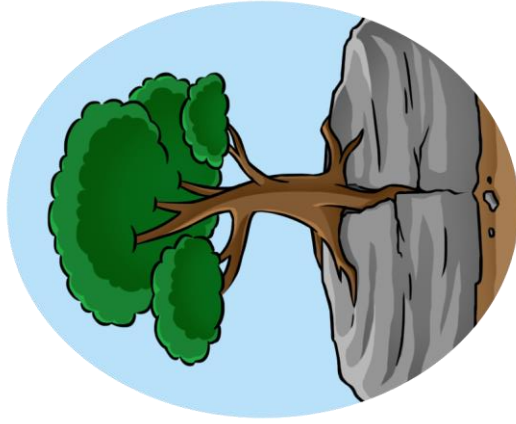


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23

Roots growing into cracks in a boulder and breaking the rock apart as they grow

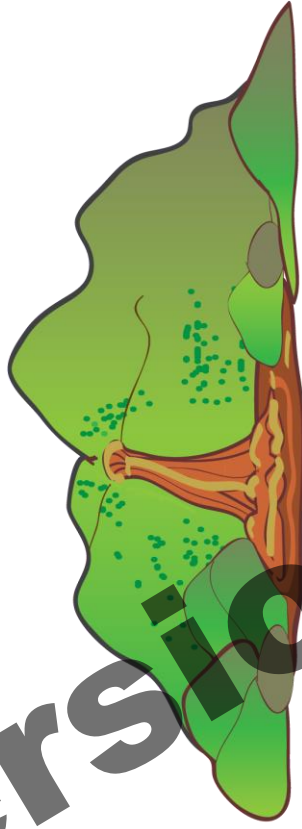


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24

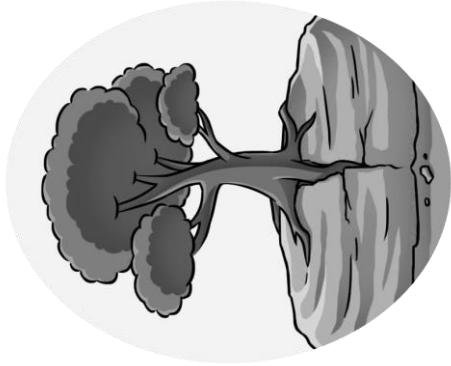
A stream rushing down a steep hillside carrying mud and soil



A. Weathering B. Erosion C. Deposition

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Multiple Choice Task Cards

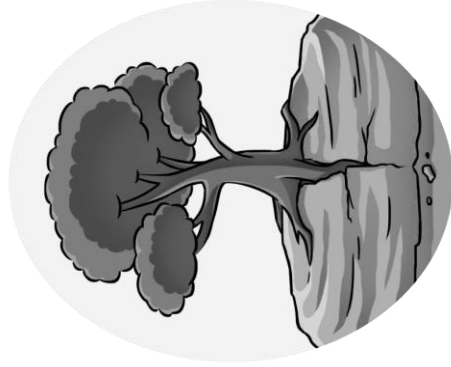


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Multiple Choice Task Cards



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1. C
2. B
3. A
4. A
5. B
6. C
7. B
8. A
9. C
10. A
11. C
12. B
13. C
14. A
15. B
16. C
17. B
18. C
19. A
20. B
21. C
22. A
23. A
24. B

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15. B
16. C
17. B
18. C
19. A
20. B
21. C
22. A
23. A
24. B

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1

Mud and debris covering the road after a mudslide



A. Weathering B. Erosion C. Deposition

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2

Hurricane storm surge waves carrying soil away from a cliff

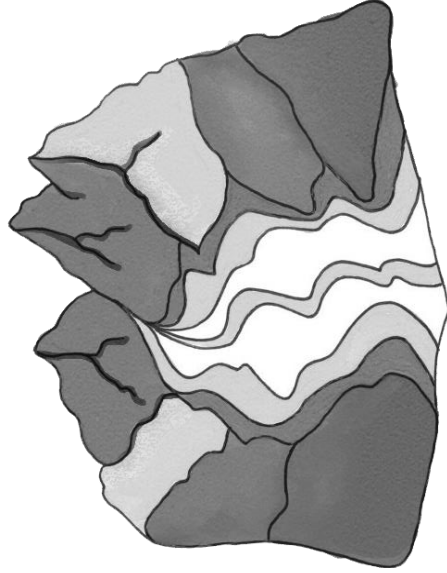


A. Weathering B. Erosion C. Deposition

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3

Glaciers scraping along the earth's surface and wearing away the rock

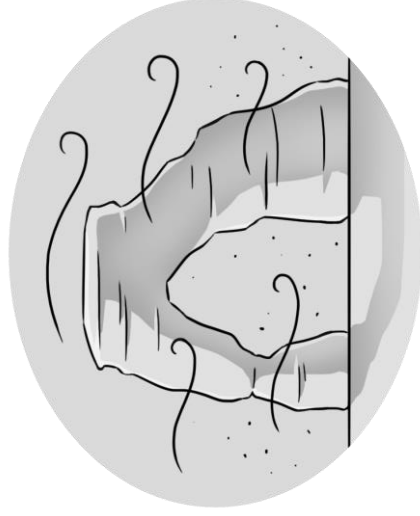


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4

Wind blasting sand particles at rock and carving out smooth arches



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5

Rocks and soil trapped in a glacier
being carried down a mountainside



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6

A muddy delta forming at the
mouth of a river

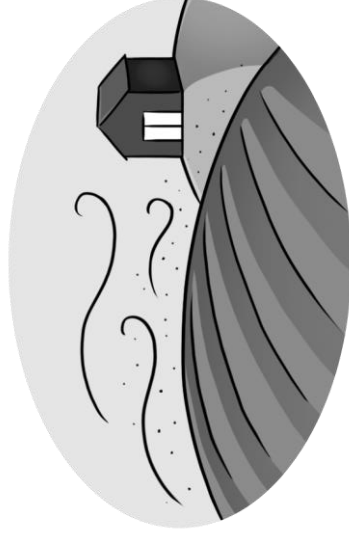


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7

Strong winds blowing loose soil
across a vacant field

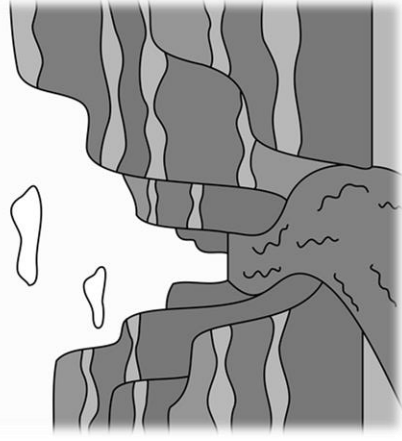


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8

Flood waters
pounding
against a
canyon wall
and wearing
it away

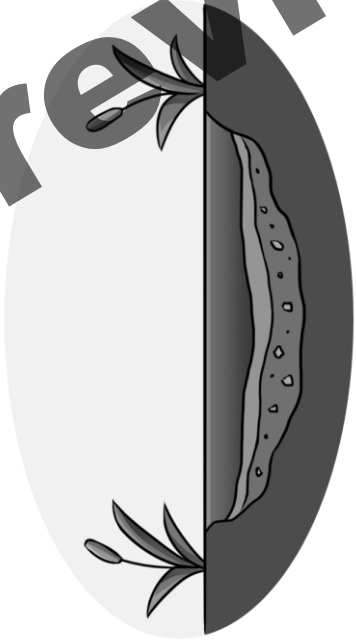


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9

A pond filling up with sediment

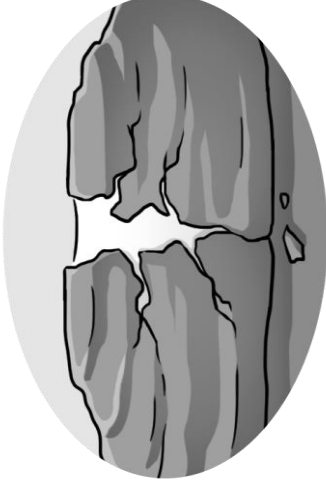


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10

Water trickling into cracks in rocks, freezing, and breaking them apart

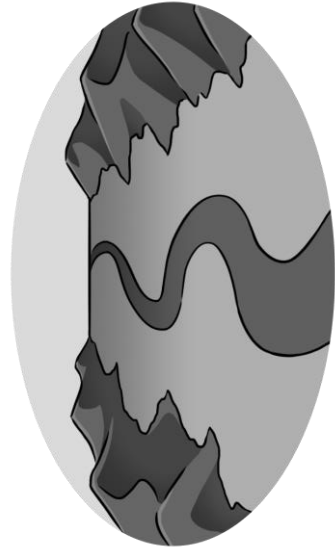


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11

A floodplain forming next to a river when floodwaters recede and deposit soil and sediment

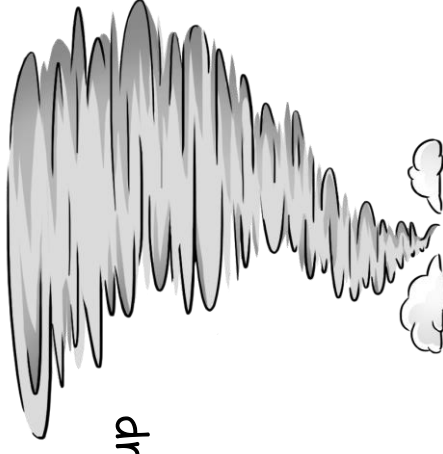


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12

A tornado picking up soil and forming a twister that speeds across the countryside



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13

Glaciers dropping rock and debris to form terminal moraines

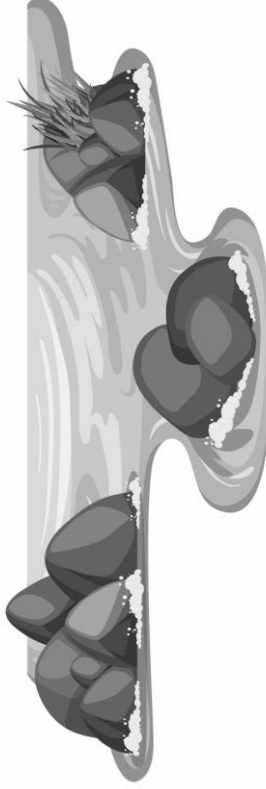


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14

Rocks in a streambed being worn smooth by fast-moving water

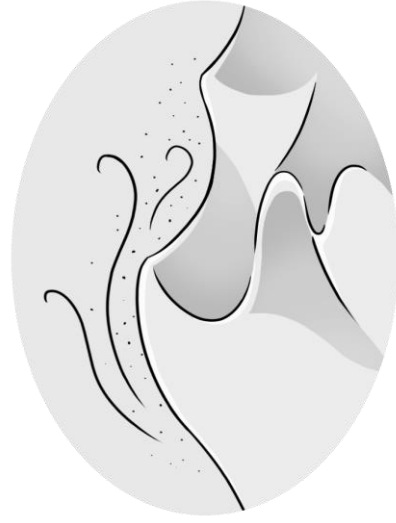


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15

Wind blowing particles of sand across the top of a sand dune

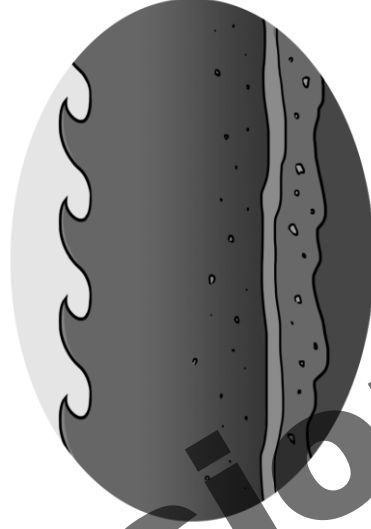


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16

Layers of sand and sediment accumulating on the ocean floor

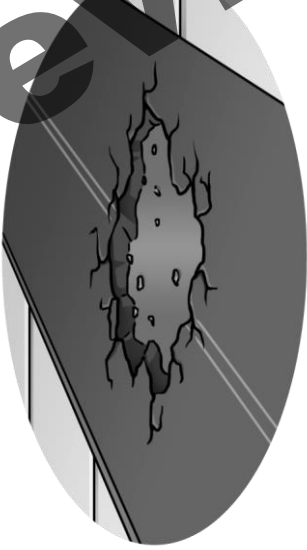


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17

Soil under cracked pavement
being washed away, causing
potholes to form in a road

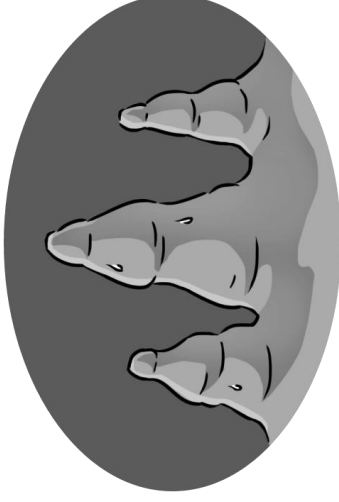


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18

Stalagmites forming on a cave
floor due to a build up of minerals

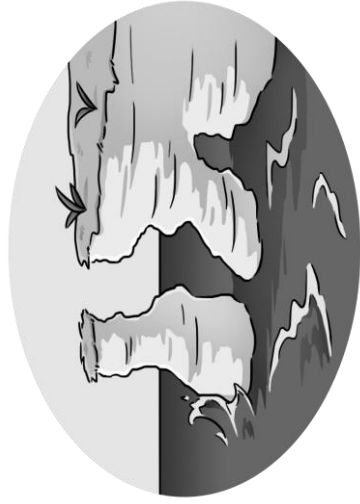


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19

Waves pounding against a rocky
cliff, wearing away the softer
rock to form sea stacks

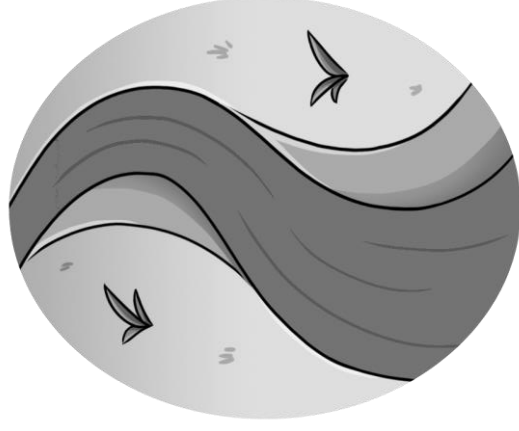


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20

Muddy water
flowing in a
fast-moving
river after a
hard rain

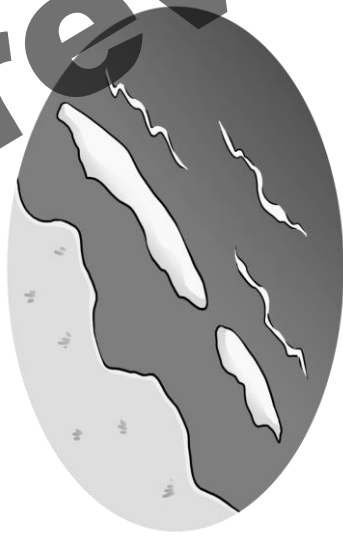


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Sandbars forming when sand is dropped by slow-moving waves



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22

Acid rain dissolving underground limestone causing sinkholes

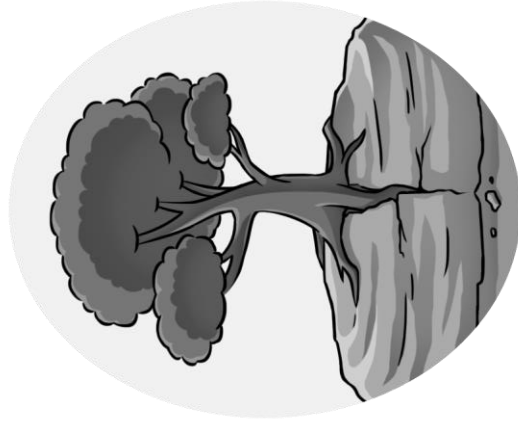


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Roots growing into cracks in a boulder and breaking the rock apart as they grow



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24

A stream rushing down a steep hillside carrying mud and soil



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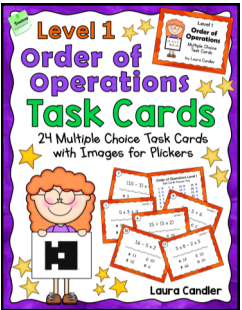
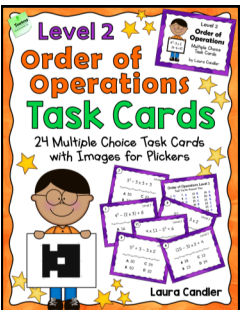
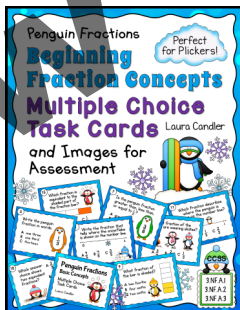
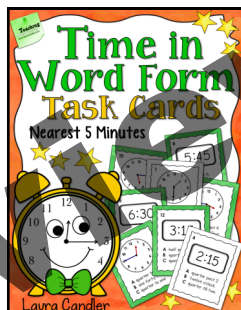
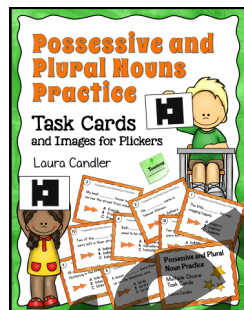
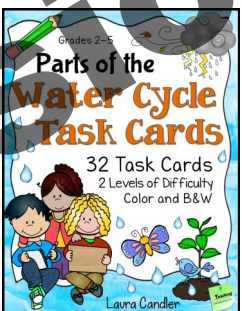
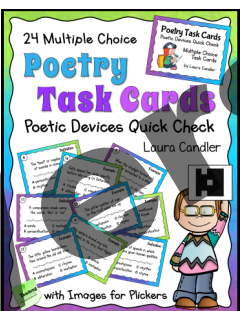
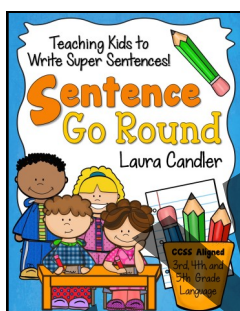
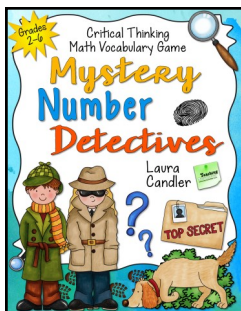
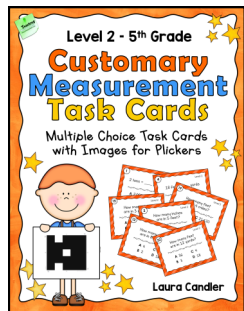
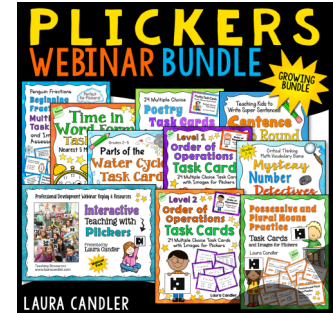
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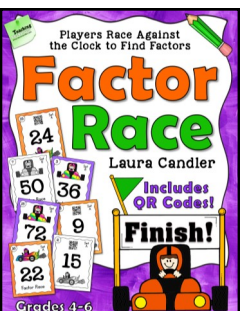
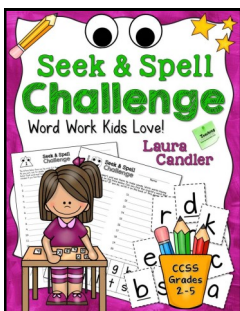
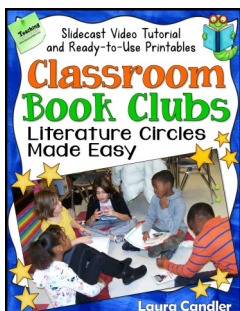
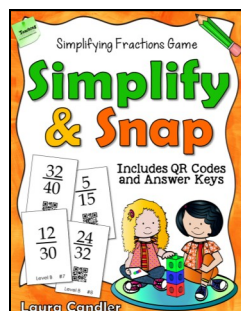
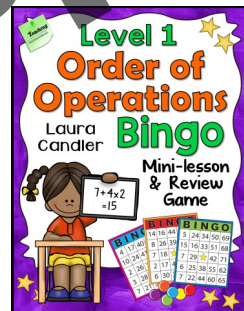


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