

Printable Task Cards

Weathering

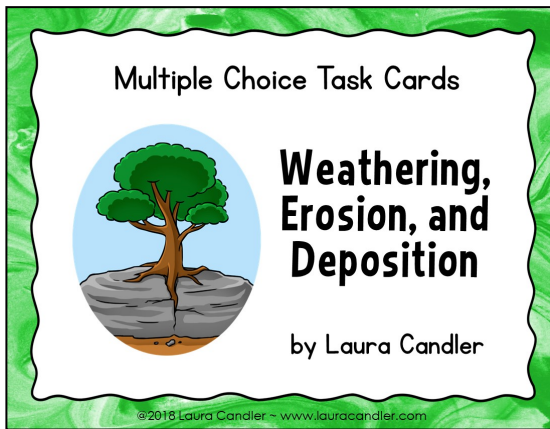
Erosion &

Deposition

Color and B&W Task Cards



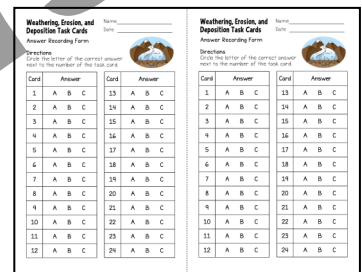
Laura Candler



Weathering, Erosion, and Deposition Task Cards includes 24 multiple choice task cards that show examples of weathering, erosion, and deposition, along with a mini-poster and student handout that can be used for review. Printable PDF versions of the task cards and student materials are provided in both color and black & white. These task cards are perfect for students working alone, with partners, in cooperative learning teams, and in learning centers. You can also use them for quick and easy formative assessment.

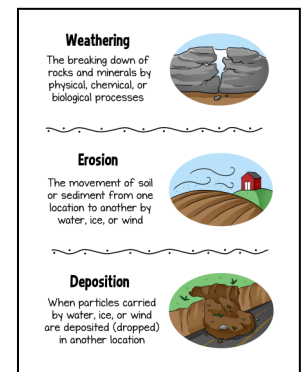
What's Included

- 24 printable multiple choice task cards (color and B&W)
- Multiple choice answer recording form and answer key
- Weathering, erosion, and deposition mini-poster
- Half-page student handout



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. You can show the full-page version on page 5 or print one copy of the half-page version on pages 6 and 7 for each student.

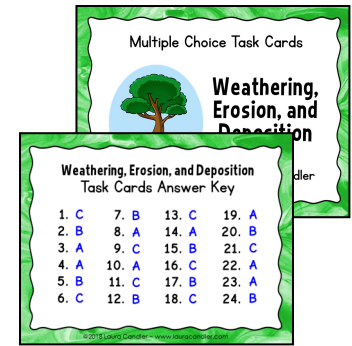


Be sure to emphasize that **weathering** is the process of breaking down rocks and minerals into smaller particles, **erosion** is the movement of those particles to another location, and **deposition** occurs when those particles are eventually deposited, or dropped.

When reviewing the processes of **weathering**, make sure that your students understand the differences between physical, chemical and biological processes. Physical weathering breaks down the structure of a substance without changing its chemical nature. For example, when rocks become smooth as a result of waves pounding on them, that's physical weathering. But when rocks like limestone are worn down as a result of dissolved CO₂ in acid rain, that's chemical weathering at work. Biological weathering happens when plant or animal behavior causes the breakdown of substances in their environment, such as when roots cause cracks to appear in rocks and pavement.

Tips for Preparing the 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 copies of the recording form for them.



Task Card Review Activities

Task cards make it easy to foster active engagement and discussion which makes them perfect for reviewing and practicing skills. The three strategies below are just a few of the ways to use task cards in the classroom. Read [Task Card Talk: 6 Strategies to Boost Learning](#) to learn more.

- **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 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 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.
- **Solve & Compare** is similar to Showdown, but it's designed for students working in pairs instead of in teams. One person flips over the top card, and they both write the answer on their own dry erase board without talking. When finished, they compare and discuss their answers. After they check the answer key, the other partner flips over the next card. The process is repeated until they have used all the task cards.




Formative Assessment with Task Cards

Task cards make formative assessment easy and fun! You can place the task cards 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.



Weathering, Erosion, and Deposition Task Cards

<p>1</p> <p>Mud and debris covering the road after a mudslide</p>  <p>A. Weathering B. Erosion C. Deposition</p>	<p>2</p> <p>Hurricane storm surge waves carrying soil away from a cliff</p>  <p>A. Weathering B. Erosion C. Deposition</p>	<p>3</p> <p>Glaciers scraping along the earth's surface and wearing away the rock</p>  <p>A. Weathering B. Erosion C. Deposition</p>	<p>4</p> <p>Wind blasting sand particles at rock and carving out smooth arches</p>  <p>A. Weathering B. Erosion C. Deposition</p>	<p>5</p> <p>Rocks and soil trapped in a glacier being carried down a mountainside</p>  <p>A. Weathering B. Erosion C. Deposition</p>																								
<p>6</p> <p>A muddy delta forming at the mouth of a river</p>  <p>A. Weathering B. Erosion C. Deposition</p>	<p>7</p> <p>Strong winds blowing loose soil across a vacant field</p>  <p>A. Weathering B. Erosion C. Deposition</p>	<p>8</p> <p>Flood waters pounding against a canyon wall and wearing it away</p>  <p>A. Weathering B. Erosion C. Deposition</p>	<p>9</p> <p>A pond filling up with sediment</p>  <p>A. Weathering B. Erosion C. Deposition</p>	<p>10</p> <p>Water trickling into cracks in rocks, freezing, and breaking them apart</p>  <p>A. Weathering B. Erosion C. Deposition</p>																								
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<p>21</p> <p>Sandbars forming when sand is dropped by slow-moving waves</p>  <p>A. Weathering B. Erosion C. Deposition</p>	<p>22</p> <p>Acid rain dissolving underground limestone causing sinkholes</p>  <p>A. Weathering B. Erosion C. Deposition</p>	<p>23</p> <p>Roots growing into cracks in a boulder and breaking the rock apart as they grow</p>  <p>A. Weathering B. Erosion C. Deposition</p>	<p>24</p> <p>A stream rushing down a steep hillside carrying mud and soil</p>  <p>A. Weathering B. Erosion C. Deposition</p>	<p>Weathering, Erosion, and Deposition Task Cards Answer Key</p> <table border="0"> <tbody> <tr> <td>1. C</td> <td>7. B</td> <td>13. C</td> <td>19. A</td> </tr> <tr> <td>2. B</td> <td>8. A</td> <td>14. A</td> <td>20. B</td> </tr> <tr> <td>3. A</td> <td>9. C</td> <td>15. B</td> <td>21. C</td> </tr> <tr> <td>4. A</td> <td>10. A</td> <td>16. C</td> <td>22. A</td> </tr> <tr> <td>5. B</td> <td>11. C</td> <td>17. B</td> <td>23. A</td> </tr> <tr> <td>6. C</td> <td>12. B</td> <td>18. C</td> <td>24. B</td> </tr> </tbody> </table>	1. C	7. B	13. C	19. A	2. B	8. A	14. A	20. B	3. A	9. C	15. B	21. C	4. A	10. A	16. C	22. A	5. B	11. C	17. B	23. A	6. C	12. B	18. C	24. B
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The task card images on this page are located in a separate folder in the main the product zip file.

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



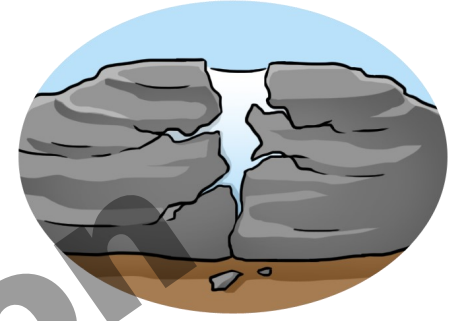
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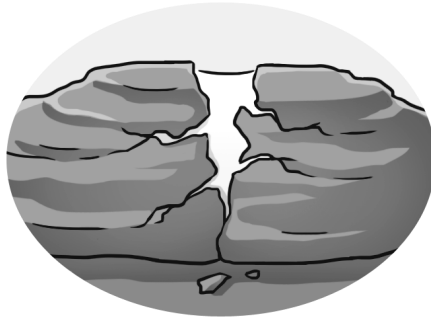
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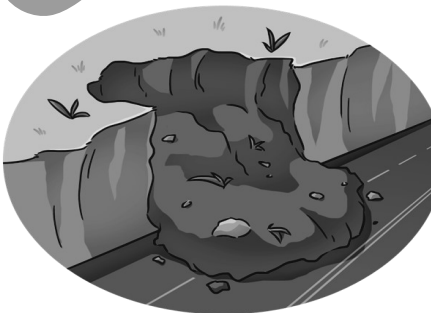
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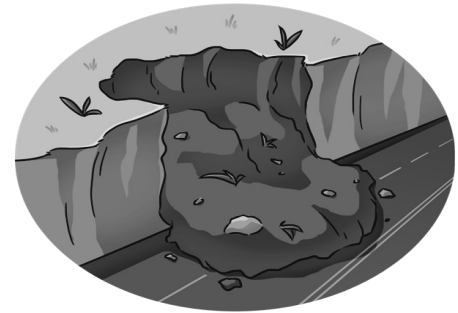
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Weathering, Erosion, and Deposition Task Cards

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
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
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Weathering, Erosion, and Deposition

Task Cards Answer Key



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Multiple Choice Task Cards



Weathering, Erosion, and Deposition

by Laura Candler

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Multiple Choice Task Cards



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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

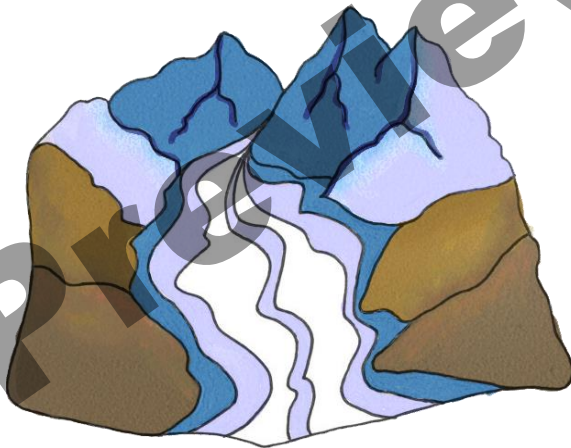


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3

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



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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

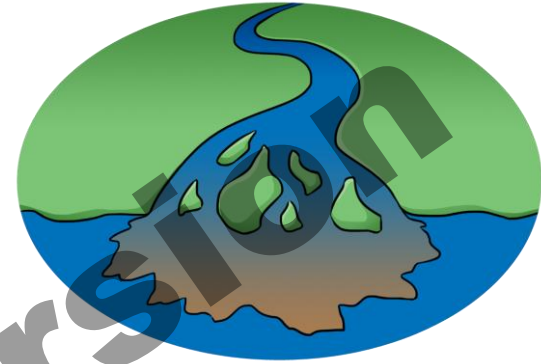


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6

A muddy delta forming at the mouth of a river



A. Weathering B. Erosion C. Deposition

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7

Strong winds blowing loose soil across a vacant field



A. Weathering B. Erosion C. Deposition

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8

Flood waters pounding against a canyon wall and wearing it away

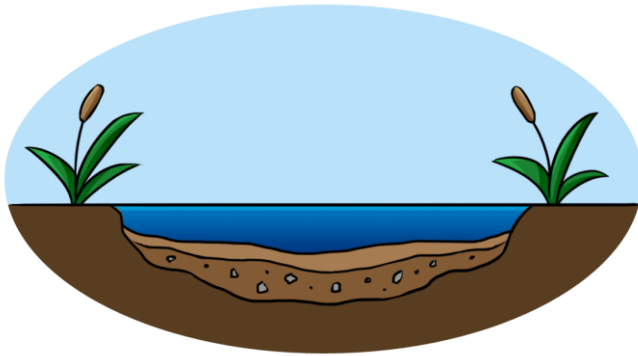


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9

A pond filling up with sediment

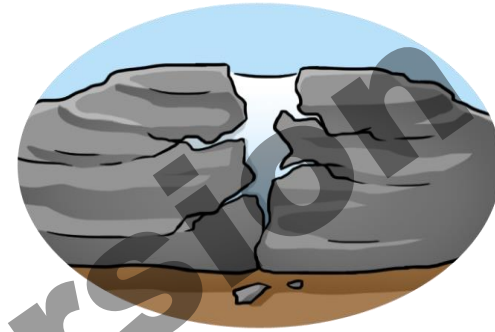


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Water trickling into cracks in rocks, freezing, and breaking them apart



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



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

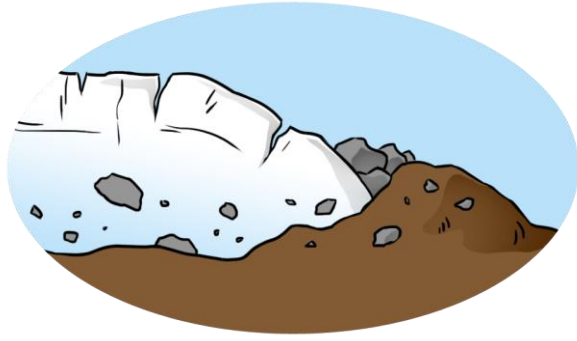


A. Weathering B. Erosion C. Deposition

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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

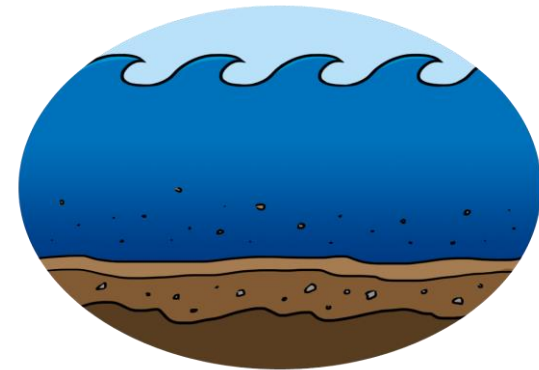


A. Weathering B. Erosion C. Deposition

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16

Layers of sand and sediment accumulating on the ocean floor

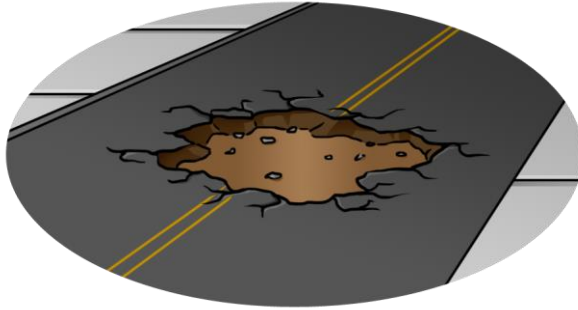


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17

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

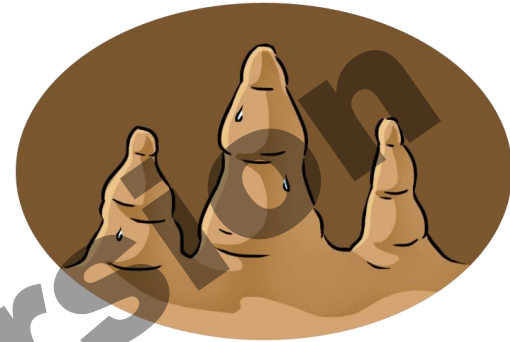


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Stalagmites forming on a cave floor due to a build up of minerals



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

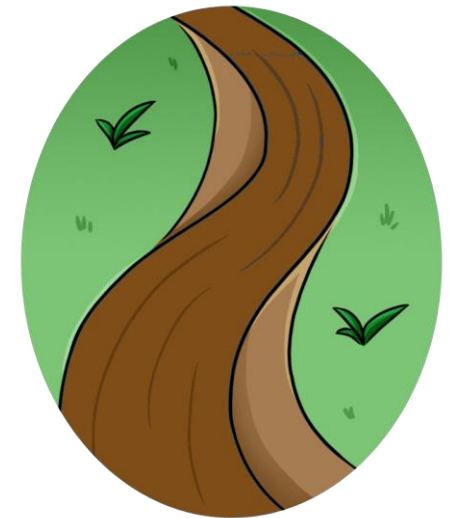


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20

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

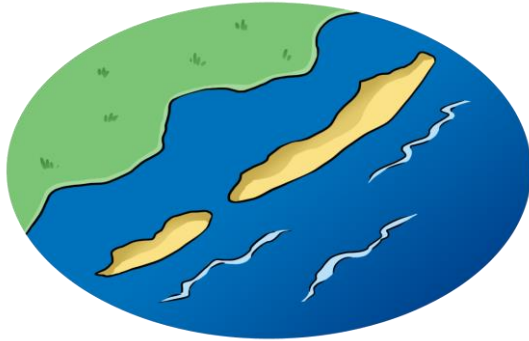


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Sandbars forming when sand is dropped by slow-moving waves



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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

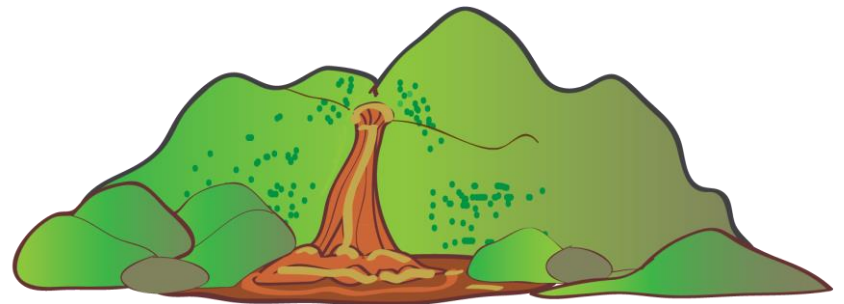


A. Weathering B. Erosion C. Deposition

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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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| 6. C | 12. B | 18. C | 24. B |

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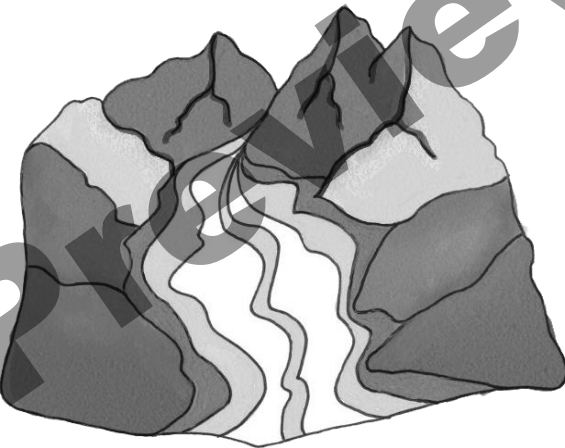


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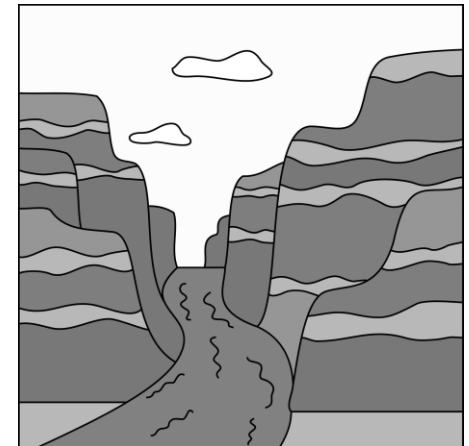


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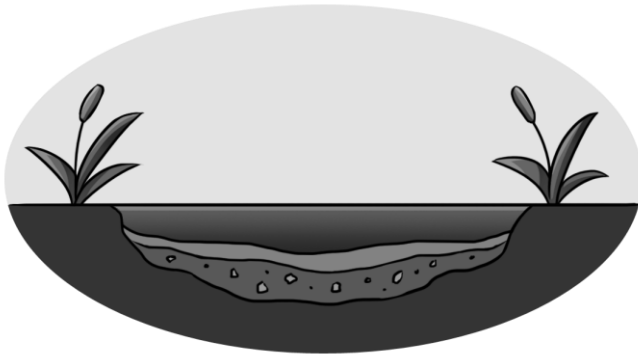


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9

A pond filling up with sediment

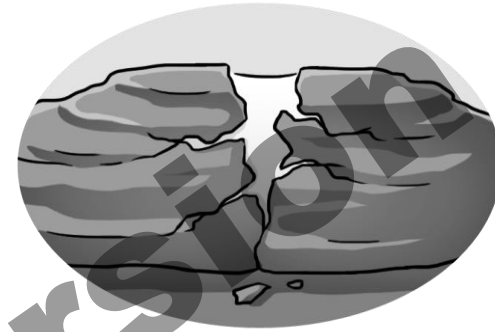


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10

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

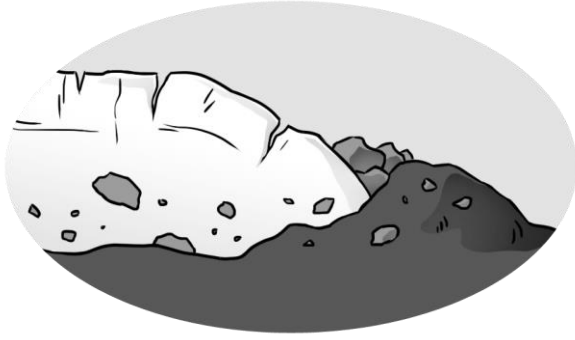


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13

Glaciers dropping rock and debris to form terminal moraines

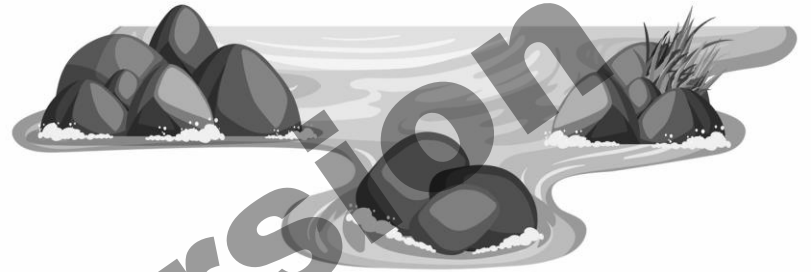


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14

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

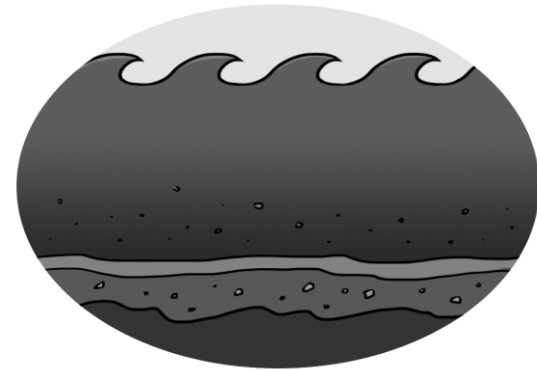


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16

Layers of sand and sediment accumulating on the ocean floor

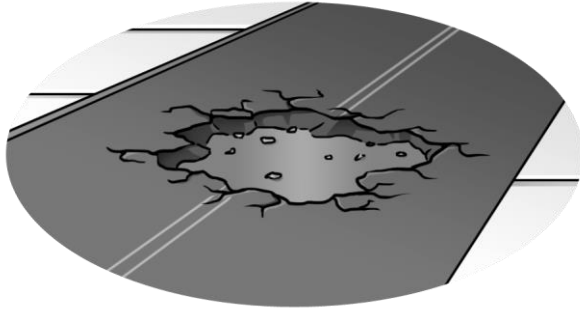


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Soil under cracked pavement being washed away, causing potholes to form in a road



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



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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

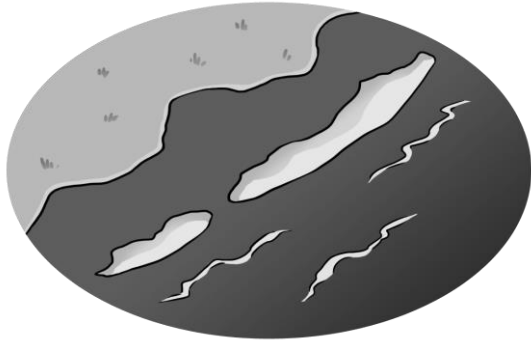


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21

Sandbars forming when sand is dropped by slow-moving waves

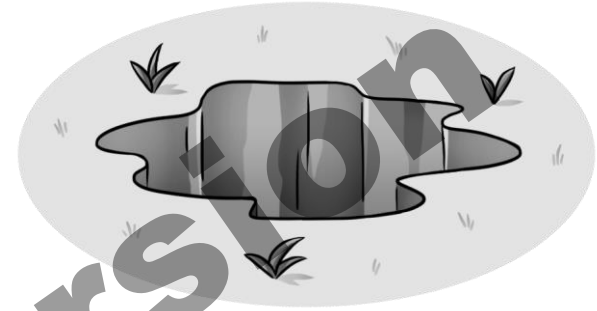


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Acid rain dissolving underground limestone causing sinkholes



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23

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

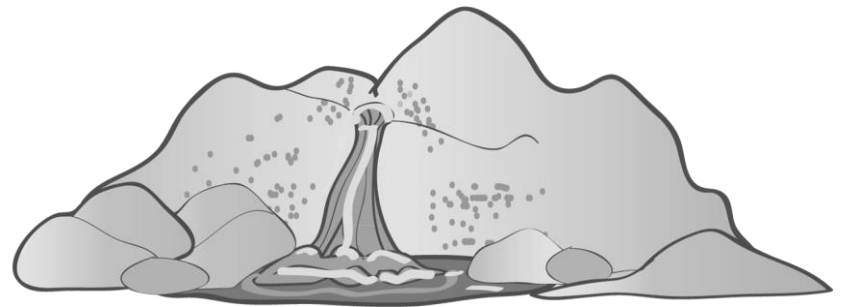


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24

A stream rushing down a steep hillside carrying mud and soil

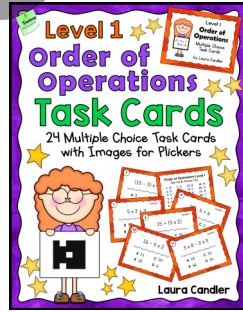
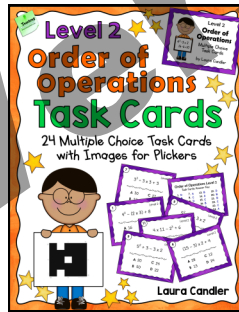
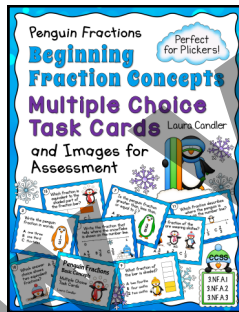
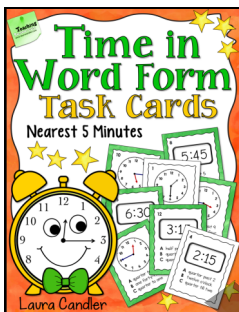
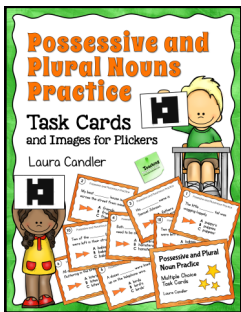
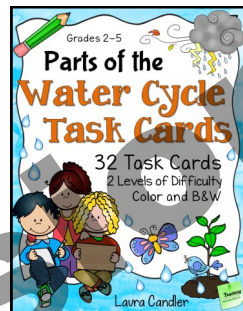
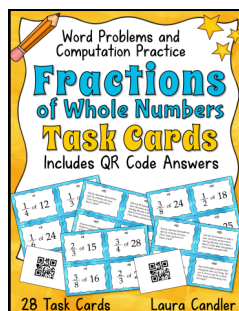
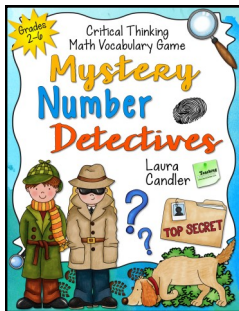
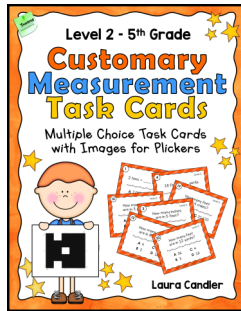
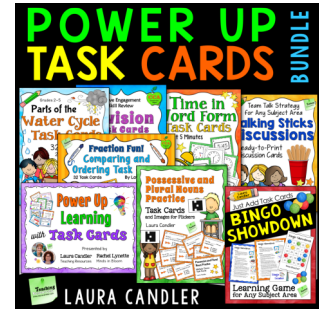


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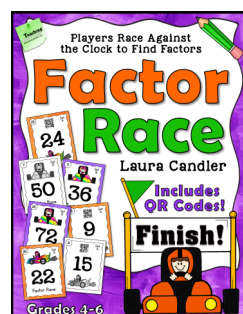
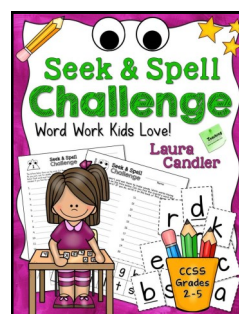
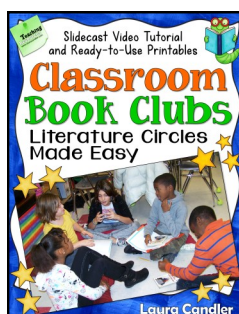
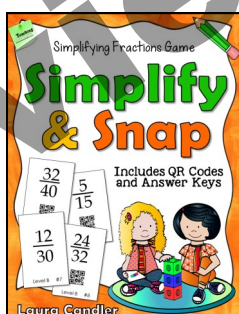
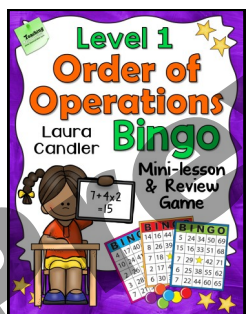
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More Resources for Teaching with Task Cards

To learn more about how to use task cards effectively, check out my [Power Up Task Cards Bundle](#). This bundle includes the [Power Up Learning with Task Cards webinar](#) that I presented with Rachel Lynette of Minds in Bloom. It also includes a selection of task cards for different subject areas to use with the activities. Click the on the image on right or on the products below to find them on TpT.



More Teaching Resources from Laura Candler! Click each item to find it in [my TpT store](#).



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