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| **Thinking about Erosion and Deposition** | **Answers** |
| 1. What is stopping some of the erosion at Niagara Falls? |  |
| 1. What are the 4 things that change the landscape? |  |
| **How Do Rock and Soil Undergo Erosion and Deposition?** |  |
| 1. What is erosion? |  |
| 1. What forces transport sediments (smaller pieces of rock)? |  |
| **Erosion and Deposition of Sediment** |  |
| 1. What are the agents of erosion? |  |
| 1. What are the rock particles being carried by erosion called? |  |
| 1. What is deposition? |  |
| 1. Most sediments originate on land, what happens to them if they are not deposited on land? |  |
| 1. Sediments trapped at plate boundaries and eventually uplifted form what land feature? |  |
| **What Are the Specific Agents of Erosion, and What Factors Control Deposition?  Methods of Sediment Transport** |  |
| 1. How sediment is eroded in bed loads depend on what 2 things? |  |
| 1. Explain the difference between traction, saltation, and suspension. |  |
| 1. Watch the video. What determines the size of the particles a river can carry? |  |
| 1. How is wind erosion like water erosion? |  |
| 1. Explain how gravity causes erosion. |  |
| 1. What are 3 types of mass movement caused by gravity? |  |
| 1. Explain how ice is a mechanism for eroding sediment. |  |
| **Sediment Size and Deposition** |  |
| 1. How are sediments classified? |  |
| 1. Erosion of sediment of different grain sizes depends on what? |  |
| **How Can Engineering Design Solve Problems Caused by Erosion?**  **Beach Erosion and River Erosion: Niagara Falls** |  |
| 1. Describe one way that humans have designed to stop erosional forces. You can choose one from beach erosion or from Niagara Falls. Answer in your own words. |  |
| 1. Using at least 2 pieces of evidence from the reading explain the main idea of the reading. |  |