(Page 2)

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| --- | --- |
| **In your stream table:**  | Observations and Drawings (both) |
| Create an oxbow lake |  |
| Dam the stream, and then let it break and create a large delta… |  |
| Make a V Shaped valley and an Alluvial fan  |  |

1. Predict what happens to the shape and size of rocks the longer they are exposed to water.
2. Where are there **Constructive** forces in your stream table:
3. Where are there **Destructive** forces in your stream table:
4. What landform is forming at the bottom of your stream table? (check notes)



1. In the following delta diagram at what number would you find the smallest pieces of rock? \_\_\_\_ where would the largest most likely be? \_\_\_\_\_

(this is a birds-eye-view diagram, and the water is flowing south into the ocean)

Add rocks to this drawing of a river entering an ocean, showing how the size changes as you go farther out.

**Stream Table Experiment** Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_

Question: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Hypothesis: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| Draw your stream below. Write **E’s** where erosion is occurring and write **D’s** where deposition is occurring.  |
|  |

In this meander below, show where the sandbar is building up by using little dots to represent sand.

Conclusion: (explain where erosion is happening, and deposition, and WHY!!!) (5 points)

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