

# Speeding Up or Slowing Down Erosion and Deposition

**Part 1:** List ideas for what might speed up or slow down erosion and deposition.

Idea for the class to test using stream tables	Why this idea is important to test

**Part 2:** Test one condition and record observations to share with the class.

What condition are you testing? \_\_\_\_\_

Describe the condition. What does it represent in the real world? How did you model the condition with the stream table?	Record your observations	Does it speed up erosion of upstream materials and increase deposition in the delta or slow it down? Why do you think so?

**Part 3:** Record notes across all the other 4 conditions.

Conditions	_____	_____	_____	_____
Describe the condition. What does it represent in the real world?				
Record detailed observations.				
Does it speed up erosion and deposition or slow it down? Why do you think so?				

**Part 4:** Construct an explanation for how water can speed up or slow down erosion and deposition. Include additional factors that can speed up or slow it down as well.

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How does speeding up or slowing down erosion and deposition change the delta?

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