

## Questions to answer after observing the model stream system

Answer these questions based on your observations, writing your responses at the bottom of page 318.

1. Is erosion most intense during normal flow or during flood flow?
2. Where is erosion most intense along the stream channel -- at the bottom of the channel, along the point bar on the inside of a meander bend, or along the cut bank on the outside of a meander bend?
3. Describe what happens at the end of the stream channel, where it enters the pond. What sort of sedimentary feature is developed at the end of the channel?
4. Sketch a map of the stream channel, like the one below, and use a dashed curve to indicate the path of the fastest water within the channel. Hint: use the motion of sedimentary grains to help you assess where the fastest water is located within the channel.

