

## When Streams Join: Student Instructions for Modeling Tributaries

1. Mix and bulldoze your soil into a block, just as you have in other lessons.
2. Set up your stream table. Use the illustration to help you.
3. Attach the clear plastic cup with three holes to the Velcro® on your stream table.
4. Remove the rubber stopper.
5. Place the catch bucket under the drain hole. Make certain you have placed the absorbent pad on the floor beneath the bucket.



6. Pour the water from your bottle into the cup. Straighten and hold the cup if it tilts.
7. When the bottle is empty, remove the cup. Put the plastic on the stream table. Fasten it with a rubber band.
8. Use your markers. Draw the path of the water. Draw the land. Label your drawing.

**Land and Water**  
**Student Self-Assessment A**

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1. Write down two or three things you have learned in doing the *Land and Water* unit.

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2. How well do you think you and your partners are working together? Give some examples.

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3. How do you feel about working with the stream table materials? Are your feelings changing as you work through the unit? Give examples.

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4. What activities have you enjoyed? Why did you like them?

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5. Were there any activities so far in the unit that you did not understand or that confused you? Explain your answer. (Think about which investigation was the most difficult for you.)

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**Land and Water**

**Student Self-Assessment A, continued**      Name: \_\_\_\_\_

6. Look at your record sheets, aerial drawings, and science notebook. How well do you think you have recorded your observations and conclusions?

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7. Think about the work you have done so far in this unit. What do you think you have done very well?

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What area of your work do you think you can improve on?

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8. How do you feel about science now? Circle the words that apply to you.

a. Interested                      b. Relaxed                      c. Nervous                      d. Excited

e. Bored                              f. Confused                      g. Successful                      h. Happy

i. Add one word of your own: \_\_\_\_\_