

Student Instructions for Modeling a Rushing River

1. Use the black china marker to write a “10” (the lesson number) on your cylinder. Also write your group letter or color on it.



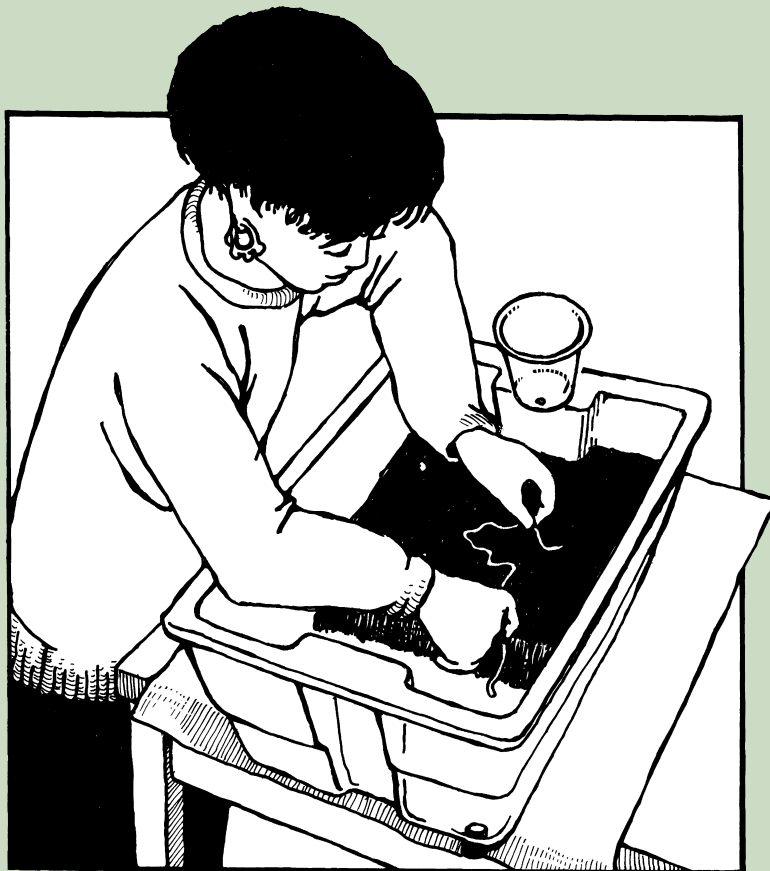
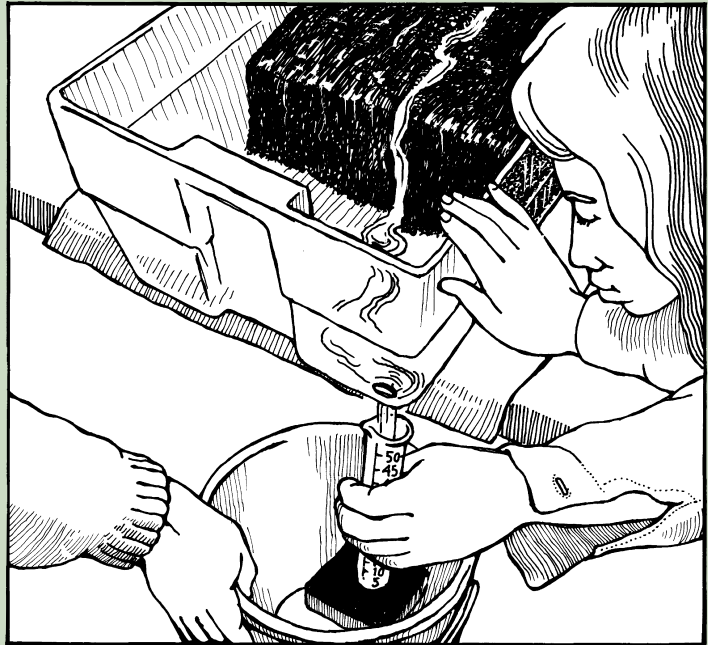
2. Set up your stream table as you have in other lessons.

3. Attach the plastic cup with the large hole (red dot) to the Ultra Velcro[®] on your stream table.

4. When your group is ready, remove the rubber stopper. Hold the bucket directly under the drain hole.

5. Pour the water slowly into the cup. Try to keep the water at the line on the cup at all times. Do not touch your soil once the water begins to flow.

6. When you have poured out nearly all the water, collect a sample of runoff. To do this, place the empty cylinder under the drain hole. Fill the cylinder with runoff to the 50-ml mark. Keep the cylinder in a safe place to observe throughout the rest of the unit.



7. Observe and discuss with your group the soil and water in your stream table. Record all observations on **Record Sheet 4-A: Comparing Streams**. Write today's observations in the *Lesson 10* column. Use the string to measure your stream.

8. Write a description of your stream or draw a picture of it on your record sheet. Use crayons and label your picture.