

**Record Sheet 15-A**

Names: \_\_\_\_\_

\_\_\_\_\_

Group: \_\_\_\_\_

\_\_\_\_\_

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

\_\_\_\_\_

**Designing and Building a Landscape**

**Part A: Plan Your Landscape**

Circle the features you will include in your landscape.

Circle one:	Circle one:	Circle as many as you plan to use:
Sloped stream table	Fast-moving water (cup with large hole)	Rocks      Hills      Valleys
Level stream table	Slow-moving water (cup with small hole)	Extra clay      Extra humus Extra gravel      Extra sand
	Multiple water source (cup with three holes)	Plants      Dam

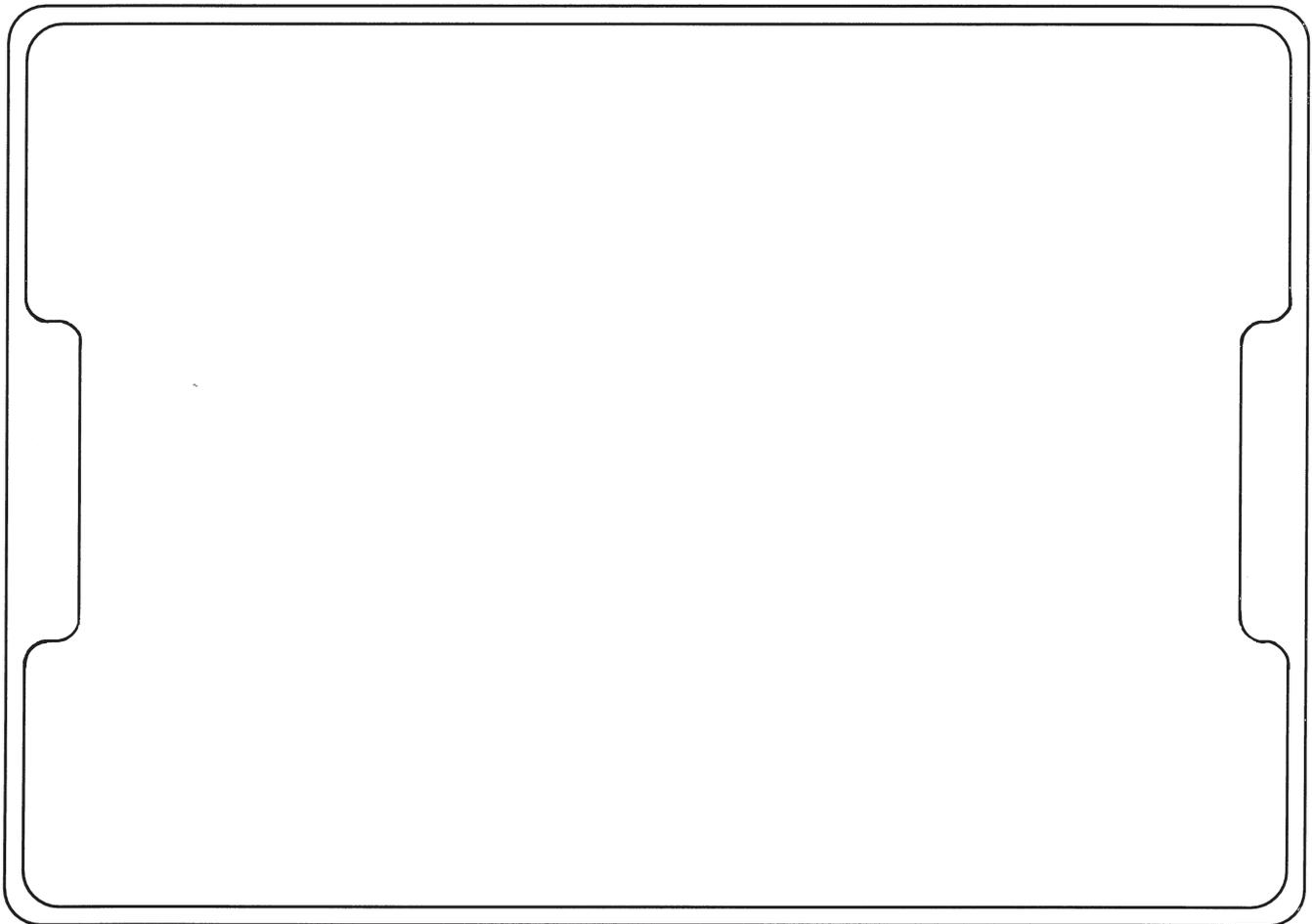
Other ideas for your landscape in words or pictures:

## Record Sheet 15-A

Name(s): \_\_\_\_\_

**Designing and Building a Landscape, *continued*****Part B: Build Your Landscape**

1. *Carefully* remove all the plants remaining from Lesson 14 in your stream table. What do you notice about the roots and soil? Set the plants on the paper towel.
2. Mix the soil in the stream table. Bulldoze and shape the soil so it matches your planned landscape.
3. Add gravel, clay, humus, or sand to the areas where you want to have a different soil composition.
4. Place rocks, hills, slopes, valleys, dams, or other features in the landscape.
5. Carefully replant the ryegrass and mustard plants in the areas of the stream table where you want vegetation to cover the soil.
6. Draw your finished landscape in the space below.



**Designing and Building a Landscape, *continued*****Part C: Predict How Water Will Affect Your Landscape**

Think about the type of stream source cup you have decided to use (large hole, small hole, or three holes). Where do you think water will flow on your landscape? With a blue crayon, draw the water on your picture. Use a brown crayon to show any changes to the land that you think will occur.

**Part D: Select a Homesite**

Look at your drawing in Part B. Then look at your landscape. Where will a home be safe from flowing water and erosion? Each member of the group should select a place on the landscape to build a home. Place your plastic cubes in the stream table at the locations you selected for each homesite. Then add them to your drawing.

