



## **EnviroScape – Non Point Source Pollution Model: How to set-up and clean the EnviroScape Model**

**Before setting up the EnviroScape, make sure to check through the materials to see if they are all there. When you are finished with your use of the EnviroScape, check to make sure all of the materials are packed up with the EnviroScape model.**

### **EnviroScape Components:**

Toy vehicles/figurines/animals  
Buildings  
Drainage tubes  
Small, open container  
Drain plug (black)  
Squirt bottles  
Water pitcher  
Sponge  
Cocoa powder  
Red and green gelatin powder (or kool aid or Gatorade)

### **Directions**

1. Remove all items from the case.
2. Place the base on a table of appropriate height.
3. Place the vehicles and the school bus on the roads. Place the tractor, figurines, and cows in the farm area, and the construction vehicles and figurines in the construction area. Place the boat and fish in the lake area. Put animals in the forested area and other animals at the edge of the river/water. Place additional figurines and vehicles anywhere on the map you would like.
4. Place trees in the tree trunks (glued onto the model already).
5. Slide the empty, smaller open container under the drain hole in the bottom of the water body.
6. Put the black plug in the water body drain hole. Do not force.
7. Fill the water pitcher with water
8. Fill the spray bottles with water.
9. Use green powdered gelatin mix for fertilizer, and red powdered gelatin mix for pesticides.
10. Check to ensure the storm drain is securely in place and that the plastic tubing from the factory is also in place.
11. Fill the lake/river with enough water that the water slightly flows back into the tributaries.
12. Place fencing, manure container (clear cap), and green felt pieces nearby. They will be used later in the demonstration.
13. Proceed with lesson plan.

### **EnviroScape Water Pollution Model Clean-up**

1. Remove all items from the surface and place them in the pitcher of water. You will then need to clean them under running water with the stopper in the sink. Please dry thoroughly and put them back in the bag. Trees must be removed from the model tree trunks, washed and placed in the bag.
2. The felt pads are removed best while they are still wet. Please place back on adhesive strip paper to dry.
3. Sponges may be used to clean the top of the unit, then rinsed thoroughly and placed in the bag.
4. The landscape surface may be washed with gentle dish soap and water and rinsed directly under the water.
5. Flush storm drain piping with additional water to dislodge cocoa “sludge”.
6. Air dry spray bottles.
7. Please repack all items in the bag.
8. When the EnviroScape model is completely dry, repack it in its base.

***PLEASE MAKE SURE THAT THE ENVIROSCAPE IS RETURNED IN A VERY CLEAN AND DRY CONDITION FOR THE NEXT SCHOOL!***