

4th Grade Activities

Enviroscape –The flexibility of the Enviroscape makes it possible to address human impacts issues such as erosion, litter, animal waste, fertilizers, pesticides, pharmaceuticals, and other non-point source pollutants or the process involved with bringing clean water to the home and the removal of it safely back into the environment. This interactive model is a strong visual lesson that does an excellent job of portraying somewhat abstract concepts in an easy-to-understand format. **Standards: S4L1**

Macroinvertebrate Mayhem...This lesson is excellent for the kinetic learners in the group to interactively experience the ramifications of environmental stressors on macroinvertebrates (organisms that lack an internal skeleton and are large enough to be seen with the naked eye). These organisms are an integral part of the food web in any stream or creek and their presence or absence tells us a lot about the health of that stream. Each species of macroinvertebrates has a varying degree of tolerance to environmental stressors, so the more diverse the population the healthier the stream. This activity is a scientific version of tag with specific modifications in place to account for the effects of environmental stressors. Certain organisms that are more sensitive to pollution are restricted in their movement across the field. * We will need an open space (larger than the classroom) inside or outside. **Standards: S4L1**