**Water Quality**

**Activity Two: Study of Land Resource Areas in Tennessee**

Individually, in partners or in groups, students will conduct a study of Land Resource Areas in the State, concentrating on counties in their own region, but discussing other regional effects of underground geologic features on water quality—how it is filtered, etc.

A regional map of land resource areas is linked in this PBL.

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| **Region** | **Counties** |
| **Mississippi Delta** | Lake, Obion |
| **Loess**  | Obion, Weakley, Henry |
| **Coastal Plain** | Henry to TN River |
| **Highland Rim** | Several middle TN counties |
| **Central Basin** | Several middle TN counties, very middle |
| **Cumberland Plateau & Mountains** |  |
| **Appalachian Ridges and Valleys** |  |
| **Smokey Mountains** |  |

**Materials:**

* Tennessee Agricultural Experiment Station (TAES) and Unit Locations map or other Tennessee Land Resources area map (found with internet search)
* Computers or tablets/phones to research, share information with one another
* Possibly posters or large paper for sharing information on classroom walls