Teacher Tips Cleaning an Oil Spill

Lesson 4
Cleaning an Oil Spill

• Show students model river at the beginning of the lesson. Doc cameras do not show the model very well.

• Before students do the Imagine step, show samples of the scoring tools, i.e. the brown paper Shore Score sheet and the paper grid for the Oil Detection sheet. Review and provide more details before students Create (test and score their designs).

• If trays are available, use to hold the model river, towel, testing tools, and paper bowl for used materials/oil. Trays make it easier for students to bring models to sink/buckets for clean up.

• Provide colander and screen for students to rinse gravel if there is a sink in the room. “River” water can go into the sink.

• Provide list of tasks for students on board or doc. camera during Create step.
  1. Gather:
    – Your materials
    – Model river
    – Oil Detection Sheet
    – Oil Evaluator Tool
    – piece of brown paper bag
  2. Raise your hand to get oil for your model river.
  3. Implement your oil spill cleaning process.
  4. Determine your Shore Score.
  5. Determine your Ecosystem Impact Score.
  6. Calculate your Total Score