

Designing Environmental Solutions

Materials List

Chapter 4, Taking Action

Engage Materials

For each student:

- computer with Internet access

Explore Materials

For each team of 3 students:

- local newspapers or other news resources (optional)
- computer(s) with Internet access (see Advance Preparation)
- 3 copies of Master 4-1, *Questions Related to Local Issues*
- markers
- butcher paper
- 3 copies of graphic from Master 4-2, *Process of Technology Design Graphic* (see Advance Preparation)
- 3 sticky notes or paper clips

Explain Materials

For each team of 3 students:

- white paper or graph paper
- colored pencils
- materials needed to create a model of the solution (see Advance Preparation)

Elaborate Materials

For each team of 3 students:

- model of the solution, built during the Explain activity
- 3 copies of Master 4-3, *Test Design*
- any materials needed for testing (see Advance Preparation)

Evaluate Materials

For each team of 3 students:

- computer with Internet access
- pens or pencils of different colors