

Technology and the Diversity of Limits

Materials List

Chapter 2, Diversity in Technology

Engage Materials

For the entire class:

- products with the same purpose but different designs (see Advance Preparation)
- pens or pencils of different colors

Explore Materials

For each class of 30 students, teams of 3:

- 20 sets of shapes (see Advance Preparation)
- 20 bags or paper clips
- 40 large sheets of paper or butcher paper
- markers or felt-tip pens
- pens or pencils of different colors
- 4 sheets of paper for signs
- tape or tacks
- sticky notes (optional)

Explain Materials

For the entire class:

- 1 roll of masking tape
- 1 roll of transparent tape
- 8 copies of Master 2-2, *The Process of Technology Design* cut into fourths
- 30 copies of Master 2-3, *Design Plans* (optional—may be projected or viewed on a computer screen)
- glue sticks (optional)
- 3 sheets of paper for signs
- tape or tacks

For each team of 3 students:

- 10 sheets of 8½" × 11" paper
- 2 paper clips
- 1 meterstick or metric measuring tape
- 3 pairs safety goggles
- 1 large sheet of paper or butcher paper
- additional materials, such as glue, rubber bands, and paper clips
- pens or pencils of different colors
- markers or felt-tip pens

Elaborate Materials

For the entire class:

pens or pencils of different colors

Evaluate Materials

For the entire class:

paper

markers

computers with graphic arts or presentation software (optional—see Advance Preparation)

sticky notes

pens or pencils of different colors