

Technology in Practice: Applications and Innovations

Materials List

Doing Technology

Engage Materials

For each class of 30 students:

- 15 sets of Master DT-1, *What Is Technology?* cards
- pens or pencils of various colors
- 1 large sheet of paper, such as legal-size paper, chart paper, or butcher paper
- markers
- 30 sticky notes or pieces of colored tape (optional)

Explore Materials

For each class of 30 students:

- materials to design a tool to turn a light switch on and off (such as rulers, straws, aluminum foil, tape, string, rubber bands, Styrofoam, dowels, pushpins, and balloons)
- 15 light switches (optional)

Explain Materials

For each class of 30 students:

- 15 sets of Master DT-2, *Process of Technology Design* cards
- pens or pencils of various colors
- sticky notes (optional)

Elaborate Materials

For each class of 30 students:

- 8 to 9 large sheets of paper
- markers
- 4 copies of 1 job description from Master DT-3, *Job Descriptions*, for each team of four students
- 30 copies of Master DT-4, *Safety Equipment Catalog* (optional; you may also provide one copy per team of four students)
- plastic toy animals

Evaluate Materials

For each class of 30 students:

- pens or pencils of various colors
- materials for creating a visual presentation (such as poster board or chart paper and markers, or a computer with presentation software)
- several sets of Master DT-1, *What Is Technology?* cards from the Engage activity (optional)