

# Defining Technology

**Standard:** ISTE Standard 7: Global Collaborator (7a)

**A. GRADE LEVEL:** 6th–7th Grade

**B. SUBJECT:** STEM/Technology

**C. DATE:**

**D. DURATION:** 1 day (approximately 45 minutes to 1 hour)

**E. LESSON FOCUS:** Understanding and defining technology, its components, and its role in everyday life.

**F. MATERIALS:**

- Projector or whiteboard
- Internet-connected device for demonstration
- Visual aids (images of technology: smartphones, cars, household appliances, etc.)
- Handouts or digital worksheets
- Sticky notes or index cards

**G. LESSON OBJECTIVES:** By the end of this lesson, students will be able to:

1. Define technology in their own words.
2. Recognize examples of technology in everyday life.
3. Discuss how technology impacts communication and daily tasks.

**H. PROCEDURES:**

1. **INTRODUCTION:** (10 minutes)
  - Begin with a discussion: "What do you think technology is?" Write their answers on the board.
  - Show images of various tools (smartphones, computers, tools, cars, etc.) and ask students to identify which are considered technology.
  - Introduce the definition: "*Technology is any tool, system, or method created to solve a problem or make life easier.*"
2. **EXPLORATION ACTIVITY:** (15 minutes)
  - Divide students into pairs or small groups.
  - Provide each group with sticky notes or index cards. Ask them to list as many examples of technology as they can think of, including tools used at home, school, or in the community.
  - Groups will share their lists, and the class will discuss common themes (e.g., communication, transportation, convenience).
3. **DISCUSSION:** (10 minutes)
  - Ask: "How has technology impacted how we communicate with others or solve problems in daily life?"
  - Encourage students to think about smartphones, email, or other innovations that have changed how people connect globally.
4. **GENERALIZATION:** (5 minutes)
  - Summarize key points: Technology is everywhere, and it evolves to make tasks easier and solve problems. It impacts communication, learning, work, and daily life.
  - Discuss how students themselves are users and creators of technology through tools like apps, digital platforms, or creative projects.
5. **ASSESSMENT:** (5 minutes)

- Ask each student to write their own definition of technology and give one example of how it impacts their life.
- Collect their responses for evaluation.

**Note 1: Safety Precaution:**

While discussing technology, emphasize digital safety and responsible use of devices, especially when using internet-connected tools or platforms. Ensure students understand the importance of protecting personal information and practicing ethical online behavior.

**Note 2: Accommodation for ELL, ESE, etc.:**

- Use visual aids to reinforce concepts for English Language Learners.
- Provide written instructions for activities to ensure clarity.
- Pair students needing additional support with peer mentors during group work.
- Offer extended time for completing assessments if needed.