



## THE E-RECYCLING TEAM TRIVIA GAME

**SUBJECT AREAS:** science, technology, social studies

**KEY CONCEPTS:** resource management, waste management and minimization, environmental stewardship

**GRADES:** 3-5

**MATERIALS:** printout of questions (below)

### OVERVIEW

The E-recycling Team Trivia Game is an educational, classroom-based activity that complements a discussion about electronic waste (e-waste) and the issues around recycling it.

### PROCEDURE

**Step 1:** Hold a discussion about e-waste and e-recycling.

**Step 2:** After the discussion, split the classroom into two or more teams. Have each team come up with a name that incorporates the theme of electronic recycling. Write the team names on the chalkboard and separate with vertical lines.

**Step 3:** Ask each team a trivia question (below). If they get it right, they get a point on the chalkboard. Play until you finish the questions.

**Step 4:** The team with the most points wins. Consider giving the winning team a prize, such as a certificate or the honorary status of “E-waste Trivia Champions.”

### SAMPLE TRIVIA ANSWERS

1. c    2. c    3. d    4. b    5. d    6. b    7. d    8. d    9. c    10. d

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### SAMPLE TRIVIA QUESTIONS

- 1.** What does the “e” stand for in “e-waste”?
  - a) earth
  - b) extraordinary
  - c) electronic
  - d) electron
- 2.** Which of the following items is not e-waste?
  - a) computer monitor
  - b) fridge
  - c) car
  - d) battery-operated toy
- 3.** Why is e-waste on the rise?
  - a) there are more electronic manufacturers than ever
  - b) electronics cost less than they used to
  - c) people always want to buy the newest items
  - d) all of the above
- 4.** Why can't we just recycle e-waste like other stuff?
  - a) we can
  - b) it contains toxic substances that aren't easy to extract
  - c) it isn't the right size
  - d) we can't recycle electronics
- 5.** Where might you find e-waste in your home?
  - a) basement
  - b) attic
  - c) closets
  - d) all of the above
- 6.** If you find e-waste in your home, you should:
  - a) throw it out
  - b) tell your parents
  - c) ignore it
  - d) sell it on eBay
- 7.** How does responsible recycling of e-waste benefit us the most?
  - a) we have less clutter in our homes
  - b) we feel less guilty about using technology
  - c) we get to use newer and better electronics
  - d) we protect our environment by reducing pollution and conserving resources
- 8.** Which of the following components can be separated from most e-waste?
  - a) Gold
  - b) Silver
  - c) Plastic
  - d) All of the above

## THE E-RECYCLING TEAM TRIVIA GAME

- 9.** How do we “clean” personal electronics before we recycle them?
- a) with soap and water
  - b) dusting them
  - c) having a grown-up remove all personal information and data from the hard drive
  - d) we don't need to
- 10.** What is the best way to reduce e-waste in the first place?
- a) don't buy new electronics unless you really need them
  - b) only buy from companies that have a take-back program
  - c) donate electronics that are still usable
  - d) all of the above