

# Popular Products

**You need** ★ classmates

## TECHNOLOGY

A technological product is something made to solve a problem or to meet a need or an opportunity.

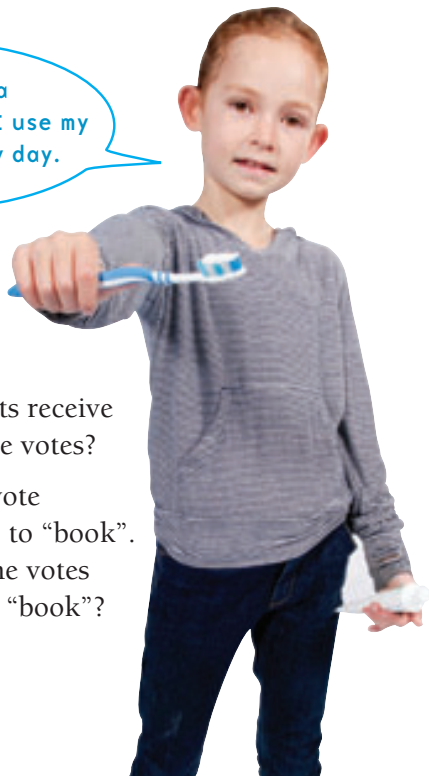
### Activity One

Room 10's teacher asked her students to each bring a small item from home. Four of the 20 students forgot.



1. With a classmate, look at the list of objects (see question 2) that the students brought to school.
  - a. Sort the items into two groups: those that are technological products and those that are not.
  - b. Explain why the items in the second group are not technological products.
  - c. What fraction of the items are technological products?
2. The Room 10 students vote for the product on the list that they would find it hardest to live without.

I don't use a stapler much, but I use my toothbrush every day.



How many products receive more than  $\frac{1}{10}$  of the votes?

3. Kara changes her vote from "video game" to "book". What fraction of the votes does that make for "book"?

Item	Votes
Book	3
TV remote control	2
Photograph	0
Toothbrush	3
Video game	4
Stone	0
Button	0
Pumice	0
Torch	1
Radio	2
Screwdriver	0
Worm	0
Aloe vera leaf	0
Stapler	0
Cellphone	3
Pen	2

## Activity Two

1. a. As a class, brainstorm a list of 20 technological products that are important in today's world.
- b. Record each person's vote for the 3 products that they think are the most important.

Product	Votes	Total
Cellphone	###	



2. a. With a classmate, decide on several categories (for example, communications) that you could use to group the products. In a table, put each of the 20 products into the most appropriate category with the number of votes (question 1b) beside it.

Communications					
Product	Votes	Product	Votes	Product	Votes

- b. Which category received the most votes? Discuss possible reasons.
- c. What fraction of your class's votes went to each category?
- d. With your classmate, identify the products in your table that you use most often.  
Discuss what your lives would be like if these products did not exist.

