

## Litter Pizza

### Method

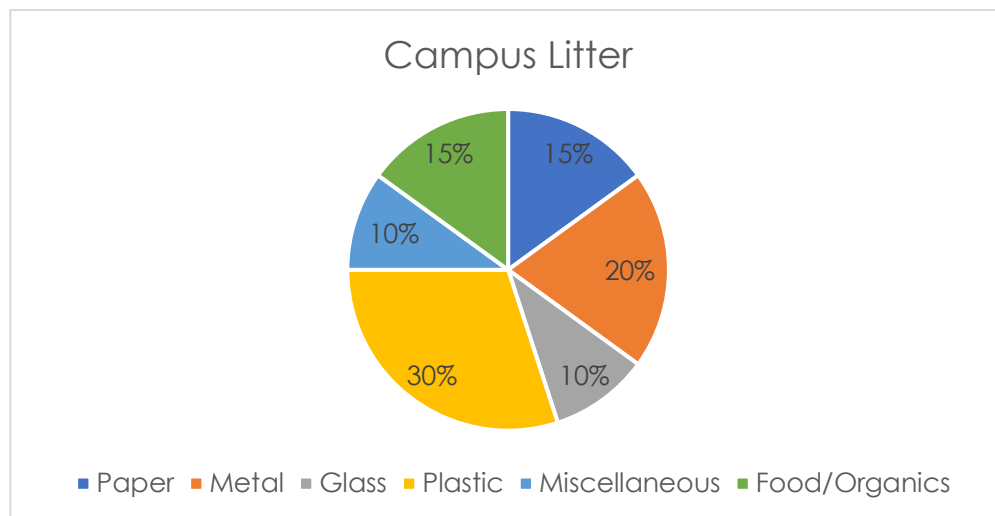
Students will analyze litter found during their campus cleanup. Students create pie charts illustrating the breakdown of litter collected, organized by material or by items. Inside each piece of the “Garbage Pizza,” students can draw “toppings” representing the items littered on campus.

### Materials

- Poster board or template provided below on a standard size paper with a pie chart drawn to represent each waste category
- Ruler or straight edge
- Markers, colored pencils, or materials to illustrate litter as “toppings”

### Activity Procedure:

- Have each student team tally their data card from the cleanup and share totals with the class to sum the litter collected by the whole class. Identify the top 5-10 items collected by the class with their totals as a group. Use these totals to discuss percentages with the class as a whole.
- Students will then draw a large circle on the poster board or use the template provided below for a standard size paper.
- Using the litter data, they will divide their pie chart into corresponding pieces of the “Garbage Pizza” based on the data.
- Students can then decorate their pizza slices based on the littered items they represent.
- Add a key to the right and/or label each pie chart piece with the percentage number and the waste category.
- Alternately, the teacher can walk students through the pie chart-making process as a class using a graph generator on Excel.
- Additional supplemental activities included can expand upon this activity, including the Critical Thinking Questions and Behavior Change Goal Setting worksheets.



Sample pie chart

### Garbage Pizza

Directions: Divide the pie chart into slices representing the percentage of each type of litter found at your campus cleanup. Decorate each slice to illustrate the litter it represents.

