

# Lesson Plan 3 - Mapping School Litter - Activity Sheet 1

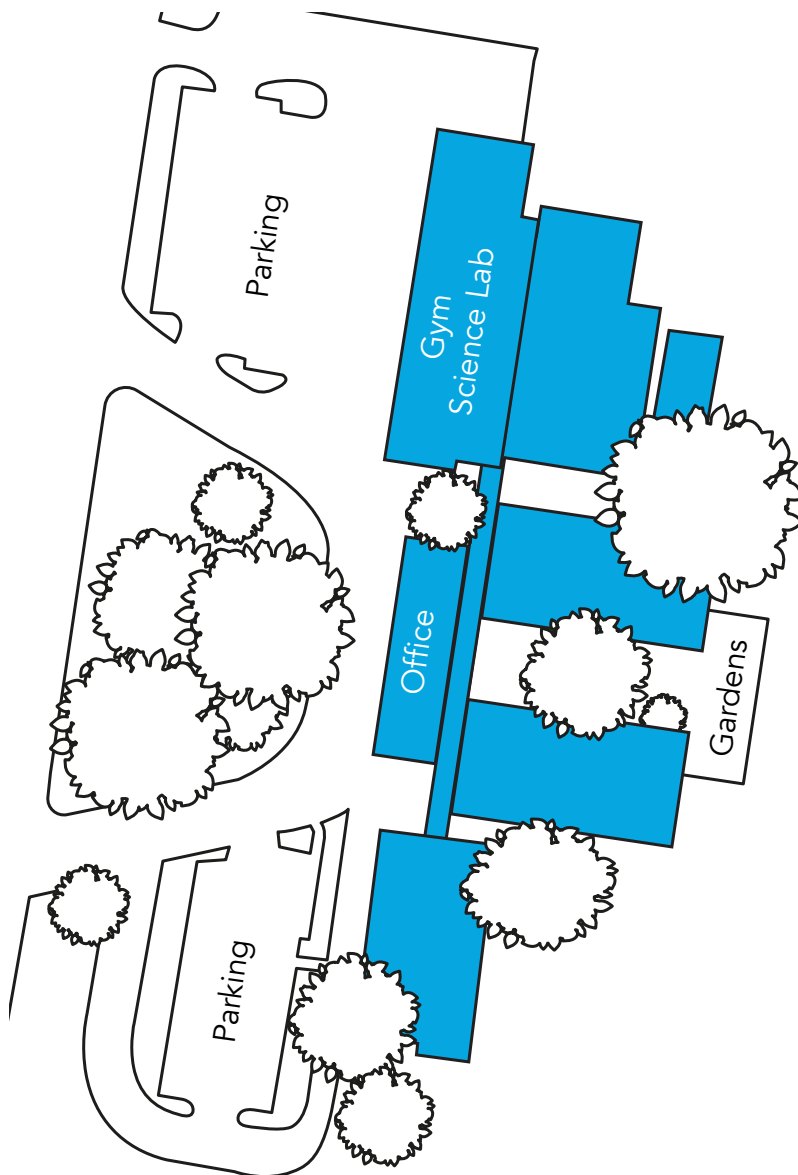
## MAP

**Pickup Team:** \_\_\_\_\_

**Area of Pickup:** \_\_\_\_\_

**Directions:** On the school map below, use the key to mark the locations of the types of litter you find in your assigned area of litter pickup.

## SAMPLE MAP



### Map Key:

**PL – Plastics:** Drink bottles, bottle caps, straws, utensils, cups, lids, pens, fragments, food wrappers, bags, Styrofoam, etc.

**P – Paper:** Newspaper, boxes, fliers, magazines, school paper, bags, napkins, etc.

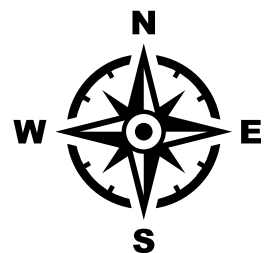
**M – Metals and Aluminum:** Metal caps, foil, drink cans

**O – Other:** cigarette butts, rubber, candy wrappers made of more than 1 type of material

### Safety Tips:

Do not touch items that could be harmful such as glass, dead animals, medical or hazardous waste, or large items.

*Ask an adult before touching anything you are not sure of.*



100 feet

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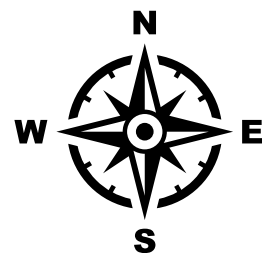
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Metal caps, foil, drink cans

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100 feet

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## DATA SHEET

Name: \_\_\_\_\_ Date \_\_\_\_\_

Pickup Team: \_\_\_\_\_

Area of Pickup: \_\_\_\_\_

Litter Material	Tally Marks	Total Tally Marks
<b>PL – Plastics:</b> drink bottles, bottle caps, straws, utensils, cups, lids, pens, fragments, soft plastic food wrappers, bags, zip lock bags, Styrofoam, plates and containers		
<b>P – Paper:</b> newspaper, boxes, fliers, magazines, school paper, bags, and napkins		
<b>M – Metals and Aluminum:</b> food or snack cans, drink cans, and metal fragments		
<b>O – Other:</b> rubber, cloth, glass, cigarette butts and packaging, and items made with mixed materials such as foil and paper		
	<b>Total Tallies =</b>	

What litter material represented the largest number of pieces of litter? \_\_\_\_\_

What fraction of litter did this largest material type represent? \_\_\_\_\_

What litter material represented the smallest number of litter? \_\_\_\_\_

What fraction of litter did this smallest material type represent? \_\_\_\_\_

What is the number of total pieces of plastic you found in your area? \_\_\_\_\_

What fraction of your total litter is represented by plastics represent? \_\_\_\_\_

What fraction of your total litter is represented by paper pieces? \_\_\_\_\_

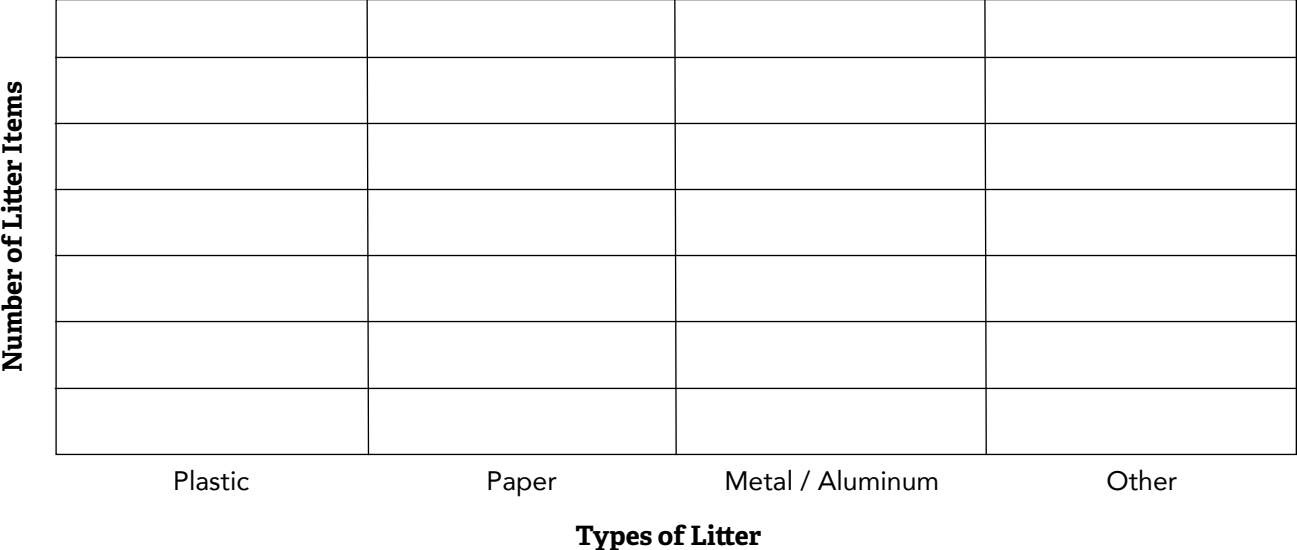
What fraction of your total litter is represented by other litter materials? \_\_\_\_\_

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# ANALYSIS SHEET

**Directions:** Graph your litter data as a BAR GRAPH on the graph below.

**Graph Title** \_\_\_\_\_



**Thinking About Your Data:** Looking back over your data sheet and above at your graphed data, describe what your data tells you about the amount and type of litter in your area.

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Was the litter evenly distributed across the whole area or was it located in a particular area? Why do you think the litter was distributed like it was?

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**Taking Action:** Given what you learned about litter, what can you do to prevent it?

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