

# WS 10.8 Plastic Recycling Data Gathering

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

Look around the house, and take a personal field-trip to a local supermarket, and find as many plastic containers as you can. There are seven different types of recyclable plastics and they can be easily identified by the number (1-7) in the triangle (usually on the bottom, but sometimes on the side or on the label). Don't use a lot of repeats of the same exact product type (so if you use Pepsi, then don't use Coke, Vess..., but Hi-C would be different enough). List them in the appropriate boxes below, and record: (two have been done for you)

- the product name and what it is (such as "Dial, liquid soap"),
- the general product category (Food, Beverage, Condiment, Personal hygiene, Medicinal, Household cleanser, , Other)
- the size of the container (rounded to the nearest 100 mL), Approximate if it is not given.
- the flexibility / rigidity of the plastic on a scale from 1-10 (1=very pliable...10 = very rigid),
- the clarity / opaqueness on a scale from 1-10 (1 = very clear... 5 = translucent... 10 = opaque)
- the color of the plastic not the label (Red, Orange, Yellow, Green, Blue, Violet, brown, black, White, gray, , Colorless)

1	Name	cat	size	f/r	c/o	color

2	Name	cat	size	f/r	c/o	color

3	Name	cat	size	f/r	c/o	color

4	Name	cat	size	f/r	c/o	color

5	Name	cat	size	f/r	c/o	color

6	Name	cat	size	f/r	c/o	color

7	Name	cat	size	f/r	c/o	color

- |                 |                       |                        |
|-----------------|-----------------------|------------------------|
| <b>resin ID</b> | <b>codes: abbrev.</b> | <b>name of polymer</b> |
| 1=              | PET                   |                        |
| 2=              | HDPE                  |                        |
| 3=              | PVC                   |                        |
| 4=              | LDPE                  |                        |
| 5=              | PP                    |                        |
| 6=              | PS                    |                        |
| 7=              | (other)               |                        |