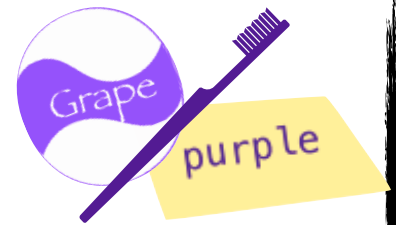


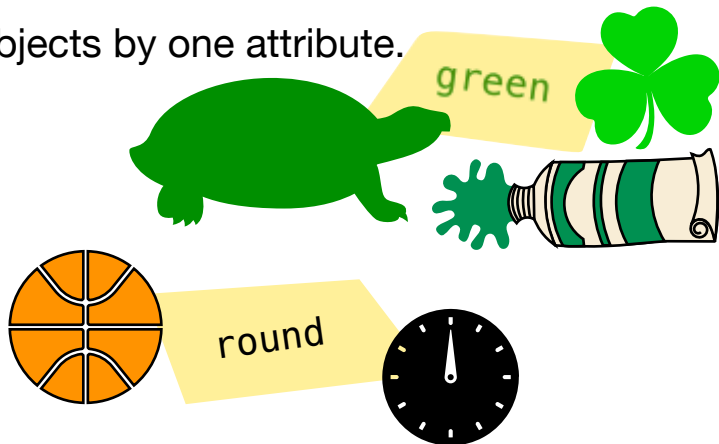
Everyday Sorting



Goal: Practice sorting objects by one attribute.

You will need:

- Paper
- Marker
- 20 different items



How to play:

- Collect 10 to 20 items. Include a variety of items. For example, toys, kitchen utensils, leaves, craft items, recycled objects, etc.
- Sort the items into different groups based on one attribute. For example, size, color, shape, what the object is used for. Try to sort all of the objects into one of the groups you made.
- Label each group according to its attribute. For example, blue objects, objects with wheels, etc.
- Sort the items again by other attributes.

To think about:

- How many ways can you re-sort the objects?
- What is the smallest number of groups you could sort all of the objects into? What is the largest number of groups?
- Can you sort the objects by more than one attribute at the same time? For example, put small blue objects in one group and rough green objects in another group.
- Take a picture each time you re-sort the objects. Describe the pictures to someone else. Explain what attributes you sorted by.