



[▶ Link to Video](#)

## DIY ACTIVITY

### SORTING GAME GRADES K-2

#### SUMMARY

- Compete with a friend to sort materials by specific properties!
- Time Required: 20-30 minutes
- Difficulty: Easy
- Cost: \$0-5

#### MATERIALS NEEDED

- A variety of random objects from the classroom or home.

#### PROCEDURE

 **AS A CLASS, WATCH THE *GENERATION GENIUS CLASSIFICATION OF MATERIALS VIDEO.***

1. Collect a variety of objects from around the classroom. Try to choose a variety of things that have many different properties. (Different colors, different textures, different hardness, etc.)
2. Partner 1 decides on a specific property but does not tell the other partner.
3. Partner 1 sorts objects while keeping the secret property in mind.
4. Partner 2 tries to guess which property Partner 1 was sorting by.
5. Partners switch roles.
6. Repeat the steps as many times as you want.

#### WHAT IS GOING ON HERE?

You are putting together items that have the same property, just like a scientist. Scientists sort materials in a variety of ways, depending on what their purpose is. For example, if a scientist wants to use a material to work as a magnet in an experiment, they must first sort materials by magnetic vs. non-magnetic to narrow down their options.