




Classification of Materials Activity for Kids

Sorting Game DIY

 Duration: **20–30 min**  Difficulty: **Easy**  Cost: **\$0 to \$5**

Compete with a friend to sort materials by specific properties!

Material List

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

Instructions

- 1 Collect a variety of objects from around the classroom.
- 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.

How It Works

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.