

RAFT IDEAS

Topics: Logic Games, Properties of Materials, Sorting & Classifying

Materials List

- ✓ 25 Unique objects with a variety of attributes (color, shape) (e.g. – pencil, plastic animals, foam pieces)

This activity can be used to teach:

CO Science Standard 1:
Physical Science

- Compare & sort objects by 1 physical attribute
- Properties of materials

CO Math Standard 4:
Shape, Dimension and Geometric Relationships

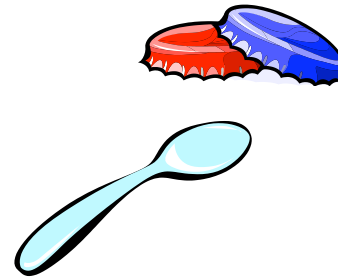
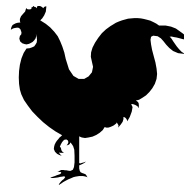
- Attributes
- Grades: PK, K, 1



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Yes and No

A Logic Game for Young Learners



Students use a collection of objects for this realia version of “20 Questions”.

Playing the Game (for 2-5 players)

1. Set all the objects onto a tray or table within view of all players.
2. 1 player chooses an object as “it”, but does not tell anyone what they have chosen.
3. The other player(s) ask “yes” or “no” questions in turn until a player guesses the correct “it” object.
4. The player guessing the correct object gets to choose an object in the next round.

The Content Behind the Activity

Object classification requires active decision-making and observation skills. As with other skills, ability increases with practice. Providing multiple opportunities to sort and classify varieties of objects will help students become more comfortable with the process. Students observe and compare object attributes during play of Yes and No games.

Scientists classify and sort objects and phenomena to help analyze commonalities and differences and increase understanding. For example, zoologists and biologists classified animals by form and traits (e.g. – hot or cold-blooded). Today, scientists use DNA analysis (specifically, mitochondrial DNA) and other methods to create “trees of life” that illustrate interrelations amongst species.

Web Resources - Visit www.raft.net/more for how-to videos and more ideas!