

# RAFT IDEAS

**Topics:** Observations,  
Object Attributes,  
Memory Games

## Materials List

- ✓ A group of unique objects (5 – 25) with a variety of attributes (color, shape) (e.g. – pencil, plastic animals, foam pieces)

This activity can be used to support the teaching of:

- Science & Engineering Practices (Next Generation Science Standards: Grades K-6)



Written by Coral Clark (RAFT)

# Memory Aerobics

Exercises that Encourage Detailed Observations



Students can use a variety of these quick and fun games to practice observation and memory skills.

## I Remember That (for any number of players)

1. Place the group of objects onto a tray. Use only a few objects for very young students and choose more objects as players' skills dictate.
2. Allow the players to look at the objects for 30 seconds.
3. Remove the tray of objects from view.
4. Players write down as many objects as they can remember for 1 minute. For very young students, allow the group of guessers to share the objects they remember verbally.
5. The player with the most objects wins the round.

Extension/Application:

- For older students learning the scientific method, try a series of rounds where the players either can only look at the objects or the players can also touch the objects. Does the addition of touch increase everyone's ability to remember?

## Which One Went? (for any number of players)

1. Place the group of objects onto a tray. Use only a few objects for very young students and choose more objects as players' skills dictate.
2. Allow the players to look at the objects for 30 seconds.
3. While the other players turn their backs, 1 player removes an object from the tray.
4. Players examine the tray and guess which object was removed.
5. The player who answers correctly first gets to pick the next object from the tray

To make this game more challenging:

- Remove 2 or 3 objects from the tray.
- Choose only 1 object to remove, but relocate some of the remaining objects.
- Instead of removing an object, relocate an object.

**Challenge students to come up with more games and variations!**

**Web Resources** (Visit [www.raft.net/raft-idea?isid=219](http://www.raft.net/raft-idea?isid=219) for more resources!)

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