

# HOW SMART IS AN OCTOPUS?

## Description:

Students will learn about an underwater animal, the octopus

## Recommended Grades:

- K-2, 3-5

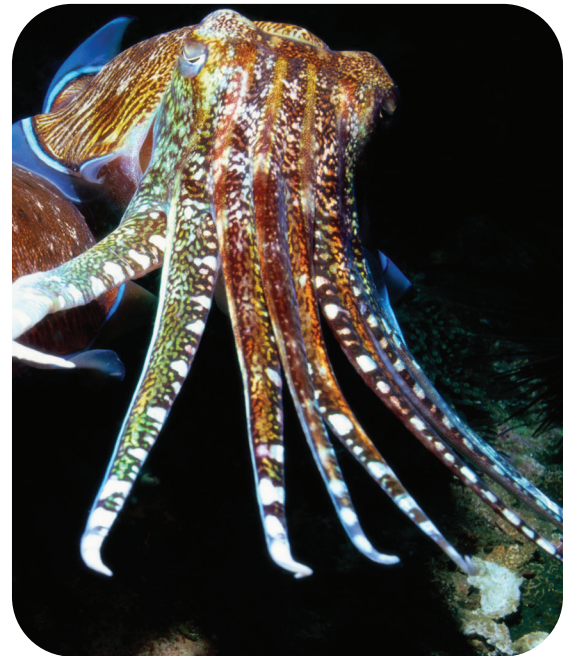
## Materials/Resources:

- Octopus Handout
- Clear Plastic Jar with Screw Top Lid
- Small Treat or Toy for a Child

## Objectives:

Students will be able to:

- Describe an octopus.
- Solve a problem that an octopus can solve.
- Compare an octopus to a household pet such as a dog or cat.



## At Home Use:

Review the activity with the child.

## Parent/Caregiver Directions:

1. Begin by placing a treat or toy in a clear plastic jar with a screw top lid. Do not let the child see you unscrew or screw the lid on the jar.
2. Ask the child to open the jar to get the treat/toy.
3. If the child is not able to solve the problem, demonstrate it to them and let them try again.
4. Ask the child whether a dog, cat, or other household pet would be able to solve the problem.
5. Then, ask them to explain their answer.
6. An optional step is to show the jar with a treat to a household pet and see whether they can open it.
7. Next, watch a video from the Internet that shows an octopus solving the same type of jar problem. [Use “octopus opening jar video” as the search and pick a brief one.]
8. Ask the child whether the octopus is smarter than a dog, cat, or other pet based on the video.
9. Ask them to explain their answer.
10. Have the child to log into Capstone and find the Pebble Go article on [Octopuses/Pulpos](#) or open the book, [Octopuses](#), in Capstone Interactive. [For Pebble Go, select Animals→Invertebrates→Octopuses; For Capstone Interactive, Search for Octopus in the search box.]
11. Listen to or read the article/book.
12. Ask the child to describe an octopus using the PDF handout as a prompt

## Extension Activities:

Read or listen to [The Fancy Octopus](#) in Capstone Interactive.

# DESCRIBE AN OCTOPUS

Name: \_\_\_\_\_

Teacher: \_\_\_\_\_

