

## Program Overview

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The following list of Observation Sequences is in the order in which they will occur during the broadcast. Please review these materials with the participants before the broadcast begins and have copies of the Observation Sequence sheets for the students prepared before the conference begins.

### **Observation Sequence #1**

#### *The Parts of the Octopus*

Students will observe both a live octopus and a preserved specimen and learn the external anatomy of an octopus. We will focus on the body, head, eyes, tentacles (arms), suction cups, beak, and siphon. We will review the function of each part of the octopus.

Have *Observation Sequence Sheet #1: The Parts of An Octopus* for the students to use during this sequence.

### **Observation Sequence #2**

#### *How to Hide An Octopus*

Students will observe a live octopus and learn how and why it can change color. We will use paper and crayons to demonstrate how an octopus can change color to blend in with its surroundings.

Have *Observation Sequence Sheet #2* cut out with three crayons for each student to use during this sequence.

Students will observe a live octopus to learn its feeding strategies and adaptations. There is no Observation Sequence Sheet for this sequence.

Students will observe a baby octopus under the document, learn about its anatomy, and compare the shape of the adult to the juvenile. There is no Observation Sequence Sheet for this sequence.

### **Sample Schedule**

9:00 am PST	Welcome to the Ocean Institute
9:10	Let Us Introduce You to An Octopus <i>Observation Sequence #1: The Parts of an Octopus</i>
9:25	Camouflage <i>Observation Sequence #2: How to Hide an Octopus</i>
9:40	Feeding/Defense
9:45	Questions and Answers
9:50	Disconnect

**Arm**

**Eye**

**Body**

**Head**

**Suction Cup**

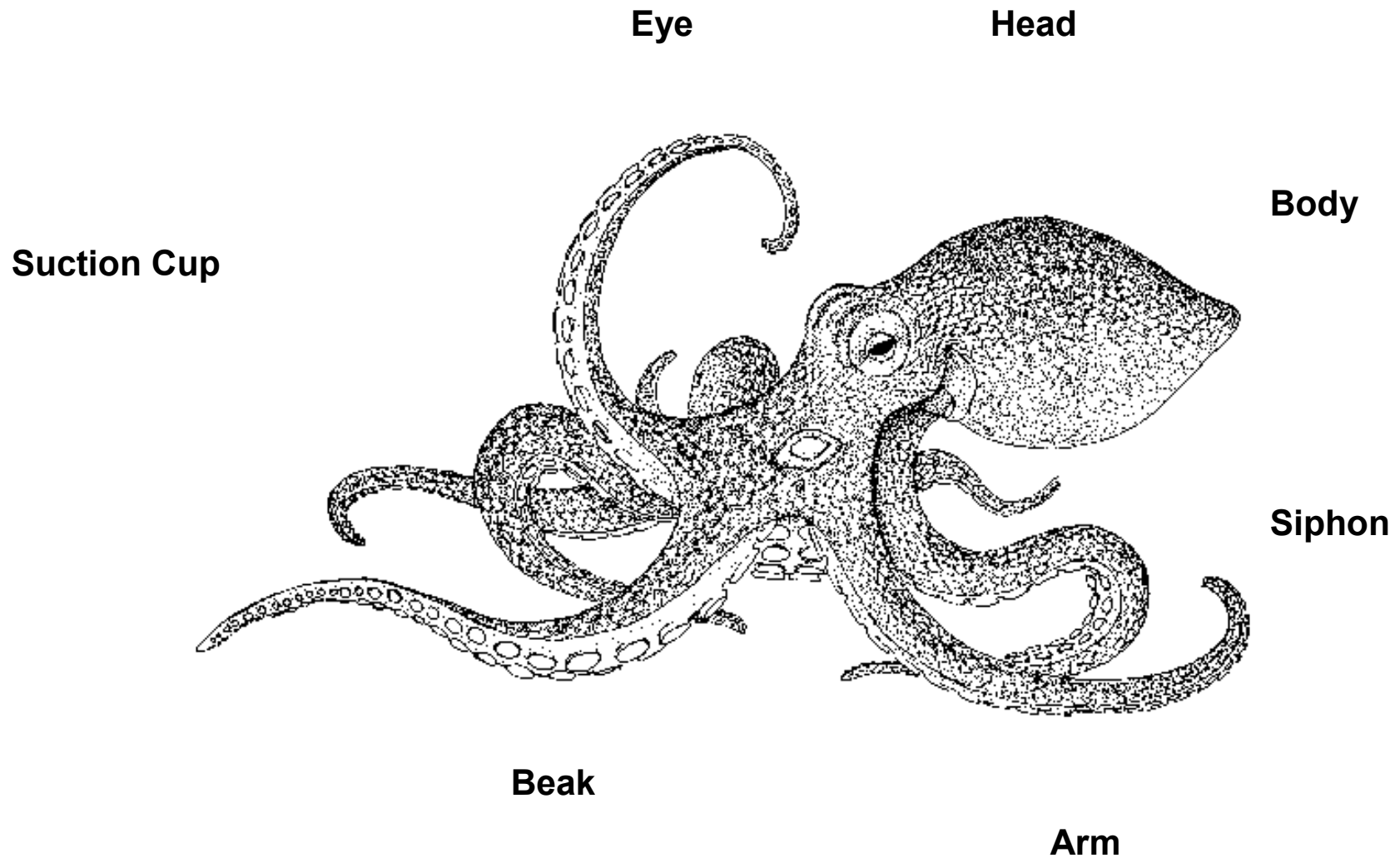
**Siphon**

**Beak**

## Observation Sequences

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Draw a line from the word to the correct part of the octopus's body.



## Observation Sequence #2: How to Hide an Octopus

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Instructions: Cut out the octopus. Use different crayons to draw a home for the octopus. Then, choose colors for your octopus so that it blends in with its home (habitat). Finally, glue it on top of its home.

