

## CLAM UNITS/CONTAINERS FOR FIELD EXPERIMENT LESSON 2

NAME: ANSWER KEY

<b>K</b> <b>What I Know</b>	<b>W</b> <b>What I Want to Know</b>	<b>H</b> <b>How I'll Learn It</b>	<b>L</b> <b>What I Learned</b>
<p>Add after Lesson 2</p> <p>Try to lead the students into making responses that reflect the key questions. For example, I know that clamming is very important to this area; the clam project can provide valuable data; <i>Mya arenaria</i> is the name of the clam; clam containers will be placed at the high tide; mid tide and low tide area; some containers will have protective nets, some will not; I know what DEI uses to put clams in and how it nets the containers; I know that 12 clams will go in each container; I know that the clams are very small and have been raised at the DEI hatchery; I know that we will put the containers into the mud flats to stay all summer and we will not get them back until fall . Encourage other statements as well so that all students will become involved.</p>	<p>Add after Lesson 2</p> <p>Try to lead the students into making responses that will reflect the hypothesis: For example, What will happen to netted clam containers at the high, middle, and low water marks?; What will happen to unnetted containers at the high, middle, and low water marks? Will our clams get "hatchery marks"? Will other plants and animals get into our containers? In addition to the above, students may be curious and write down responses as they wonder: What will the mud be like? Will we see other animals or plants? Will we fall? Will we get wet? How will we dig the mud? All of their responses are worthy of discussion, as they try to figure out for themselves what is going to happen in this scientific discovery.</p>	<p>Add after Lesson 3</p> <p>Try to lead the students into responses that will explain how their research will help them learn: We will know more when we retrieve the clam containers and find out what is in them, We might be able to find some clam projects that have made other discoveries that could be similar to ours (Published Research section of DEI website)</p>	