



Name: _____

Date: _____

Other Organisms at Your ORS Site

PART 1: DO NOW

1. What species do you think we might observe on, near or inside of the Oyster Research Station? _____

2. What species have you seen before in the water around New York City (if any)? _____



PART 2: COMPARE SPECIES ID RESOURCES

- 1) Choose 3 resources from [New York Harbor Species Identification Resources](#) and write their names in the table.
- 2) Use each resource to identify 3 different organisms from the [Species ID Practice Photos](#). Write 2-3 notes about the process of using each resource to identify species. Below are a few possible questions to help guide your notes.

RESOURCE NOTES	3-5 IDENTIFIED ORGANISMS (SPECIES + IMAGE NUMBER)
- <i>Is the guide easy to use? Does it feel challenging? Is it quick or time consuming?</i> - <i>Are the pictures useful? What about the descriptions? What is confusing?</i> - <i>Does it have the species you are looking for? How are guides similar? Different?</i>	
Resource 1 Name: _____ Notes:	1. 2. 3.
Resource 2 Name: _____ Notes:	1. 2. 3.

Resource 3 Name: _____ Notes:	1. 2. 3.
--	-------------------------------

PART 3: PREDICTING SPECIES AT ORS SITE

Now that you've identified species using several different identification resources, answer the following questions with your group.

1. Which 3 organisms are you most intrigued by or interested in seeing? Why?

2. Of the organisms you looked at in the guides, which do you think we might find at our site visit? Why? (Did you read something in the guide that makes you think that? Or did you see something in the picture that makes you think we will see them?)

3. Are there any organisms that you think we likely won't find? What makes you think so? (Hint: How might the season impact what we see? How might organism size impact what we see?)

4. Are there any organisms that you think will be hard for us to notice when we visit our oysters, but it is likely or possible that they are there? Why?

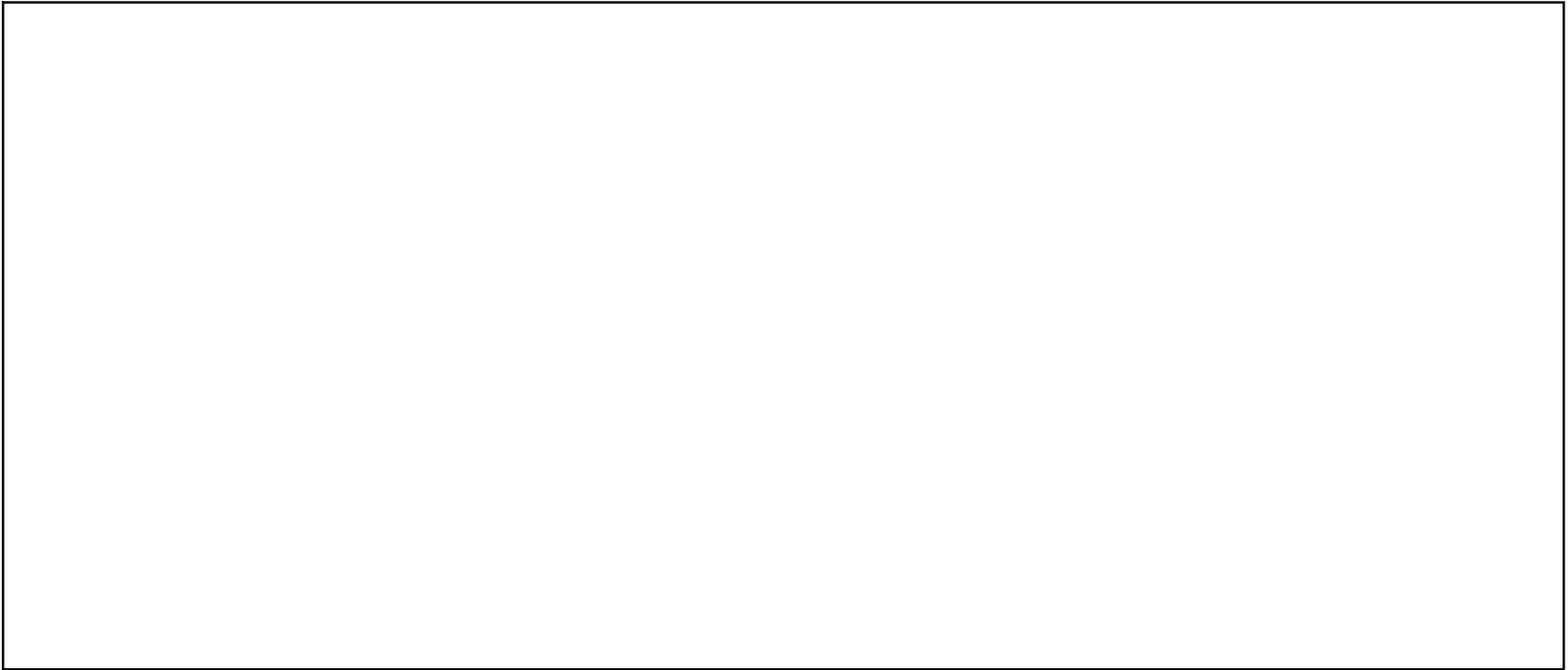
5. Which organisms do you think we will see a lot of? Which organisms do you think we will see just one or a few? Why?

PART 4: PREDICTING SPECIES AT ORS SITE

How do you think some of the species you identified yesterday might interact with one another in the harbor? What sorts of relationships might they have?

PART 5: DRAW THE MODEL

Sketch the model you made. Label the different organisms and show the arrows between them.



What do the **arrows** represent in this model? _____

What seems to provide the **initial energy** to the organisms in this model? How can you tell? _____

PART 6: FIND IT ON YOUR WEB

With your small group, find an example of each definition from the food web, and answer the corresponding question. When you discuss as a whole group, Write the scientific vocab word that describes each example.

METHODS OF GETTING ENERGY				
WORD	DEFINITION	FOOD WEB EXAMPLE	QUESTION	IMAGE
	An animal that gets energy by <u>eating another</u> living thing.		<i>What does it eat?</i>	
	An organism that gets <u>energy from the Sun</u> .		<i>What is this process called?</i>	
	An organism that gets energy by <u>breaking down</u> dead and decaying things.		<i>What is it getting energy from?</i>	

Sum it up: Do all organisms in the New York Harbor food web get their food in the same way? How can you tell?
