

Name: _____

Final Due Date: _____

Directions: Read to learn about the European green crab. As you read, annotate the text by using words and pictures. You will use what you learn to form a written response.

The European Green Crab

The green crab is native to Europe. It was carried across the Atlantic in ballast water of European ships in the mid-1800s. It has now established a population off the coasts of North America. They are hardy and able to withstand changing environmental conditions.

Green crabs are known as one of the most invasive species found in marine environments throughout the world. They are fast and aggressive predators with a diverse appetite, sometimes offering native fish and birds competition for food sources. Their prey includes clams, mussels, oysters, crabs, fish, algae, and much more. Green crabs are clever hunters who easily adapt to new habitats. When feeding, they sometimes burrow into seagrass beds and kelp forests, causing damage to aquatic habitats.

Scientists are working together to uncover ways to control green crab populations. Ideas being explored include creating physical barriers, directly removing crabs from areas with trapping programs, and altering habitats to favor native species. One other suggestion has been to develop recipes, making harvesting the crustaceans from ecosystems profitable.

Name: _____

Directions: Using the passage you read about the European green crab and your notes, plan your response to the following question:

How might green crabs impact the food web found in an intertidal zone?

You will use CER to guide your writing.
What does each letter stand for?

C=_____ E=_____ R=_____

Write your claim here:

Highlight: What evidence in the reading supports your claim? Highlight the evidence you will use in the passage.

What is your reasoning? How does your evidence support what we have learned in science? These are your notes. Use bullet points, not complete sentences.

Are you ready to turn in your work?

- My name is on my paper.
- Notes!** There is evidence of my reading on the passage about European green crabs. (Follow the guidelines given in class.)
- I have completed the planning page.
- I have reread my response out loud to a neighbor.
- My writing makes sense.
- My response is six to eight sentences long.
- My sentences begin with capital letters.
- My response answers the question.

You will earn a science grade and a writing grade on this assignment.

Science + _____ / _____ _____%

Mechanics + _____ / _____ _____% (capitalization, punctuation, spelling)

Writing + _____ / _____ _____%