

**Global Studies**

Cleaning Up the Oceans

Leveled Assessment: ____/4

Name:

Section:

Score: ____/5

Directions: Use the National Geographic Encyclopedia entry on the Great Pacific Garbage Patch, the video titled Digging into the Great Pacific Garbage Patch, and any other online resources to answer the following questions and then propose a solution.

1. Where specifically is the patch(es) located? What has led the patches to develop where they have? Make sure you reference the Gyre.
2. List the factors that complicate the cleaning up of the garbage patch?
3. What are the sources of the trash that makes up the garbage patch?
4. What are the environmental implications? Why is this such a pressing issue to address?

Design an Action Plan

Directions: Come up with a proposal for a strategy or invention that you think might be able to clean up the great pacific garbage patch. Explain your idea and how it works and answer the associated questions. You will then pitch your idea to the rest of the class.

1. Explain your design, add a drawing if it helps explain your idea.
2. What types of things would you need to do in order to accomplish your goal?

3. What are the possible drawbacks of your design?

4. How will you ensure that your design does not harm any reefs, fish, or marine animals?

5. What type of assistance from governments or NGOs would you need? Or would be helpful

6. How could you create awareness and gain support locally, even in areas not directly connected to the marine ecosystems?

7. Along with addressing the current issue, how can you ensure a similar issue does not arise later?