

Name:

Date:

Class:

Saving Coral Reefs: End Prototype

Use your ending prototype to complete this worksheet.

1. In the space provided below, draw and label each part of your end prototype. Be sure to use color to help distinguish the different parts of your prototype.

2. Reflect on the following questions about your end prototype:

- a. What is the main function of this device? How does it work?

Example: The main function of this device is to help boats anchor in a safe place so they don't accidentally harm corals in the area. It works by having a large magnet on it to secure the anchor. The idea is that ship captains will have coordinates for where to drop their anchors at a safe location.

- b. Given the chance to make further improvements, what would you change and why? (Note: Your end device won't be perfect, and that is okay, so be sure to think about this question and consider what might make your prototype better.)

Example: I would get a stronger magnet for this device; due to the financial constraints of this project, we were not able to acquire a stronger magnet or run a real-life simulation of our prototype.