

Name:

Date:

Class:

## Build and Create - Worksheet #3

**Instructions:** Time to build your prototype! Make sure you read the rubric below before you begin.

Using **ONLY** the materials chosen by your group **AND** listed in your design drawing, build a prototype based on your design drawing. If you need to, make modifications to the drawing as needed while you build. These modifications need to be indicated on your drawing.

### **Step 1: Build your prototype**

1. Were you able to build your prototype using **ONLY** the materials chosen by your group **AND** listed in your design drawing? Why or why not?

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2. Were you able to build your prototype completely following your design drawing? Why or why not?

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3. What changes were needed to modify your design drawing to make the prototype? Why?

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**Rubric**

Category	3	2	1	0
Materials Used	The prototype used only the materials provided in the design drawing.	The prototype used one material that was not provided in the design drawing.	The prototype used two or more materials not provided in the design drawing.	Did not submit a prototype
Design Sketch	The prototype completely followed the design drawing and/or changes were made accordingly	The prototype mostly followed the design drawing; changes were not made accordingly	The prototype somewhat followed the design drawing; changes were not made accordingly	Did not submit a prototype
Prototype	The prototype will more than likely remove 75% or more of the algae from the water.	The prototype will more than likely remove 50% or more of the algae from the water.	The prototype will more than likely remove 30% or more of the algae from the water.	Did not submit a prototype

Total points earned: \_\_\_\_\_ / 9 = \_\_\_\_\_ %

Teacher Feedback: