Designed by the Society for Science  
Adapted from the BizInnovator Startup Template from the University of Iowa & Alex Osterwalder, *Business Model Generation*

Draw a visual prototype below  
 How will you show the design characteristic & organism inspiration?

Prototyping

Bioinspired Design invention template

5

Materials & Cost  
 What materials will you use and how much do they cost? Include quantities where you can.

|  |  |
| --- | --- |
| Materials Used | Cost per Material |
|  |  |
|  |  |
|  |  |
|  |  |

Brainstorm  
 What are three objects you could create using this organism’s form?  
 Circle the one you think will work best to solve your problem.

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Ideating

Defining

Problem Statement  
 What problem are you solving & for whom?  
 “[audience] needs a way to [action] in order  
 to address [concern/issue].”

6

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4

2

1

Organism Inspiration  
 What organism embodies this design  
 characteristic? How does its form achieve  
 this?

Design Characteristic  
 What key characteristic would the design  
 need to solve this problem?

Name: