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

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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].”

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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: