

Biologize Function and Context

"Biologizing" translates a design question into search terms that can be used to look for biological models. Use this worksheet to help you extract or translate the function(s) your design needs to accomplish, and the context in which those functions occur, into biology-relevant terms.

Design question:

Write down the design question your team developed using the Define the Challenge worksheet:

How might we _____?

Identify related biological functions:

Think critically about the functions at the heart of the outcome/impact your design question is getting at. Consider including relevant opposites or tangential functions that may be worth exploring. Hint: Refer to the [Biomimicry Taxonomy](#) for more examples of biological functions.

Define relevant contextual factors:

How can you use biologically-relevant terms to describe the context in which your design must function?

Biologized Question(s):

Now, restate your design question as one or more "How does nature..." questions that emphasize function and include relevant context. You may find there are multiple ways to "biologize" your question.

How does nature _____?

How does nature _____?

How does nature _____?