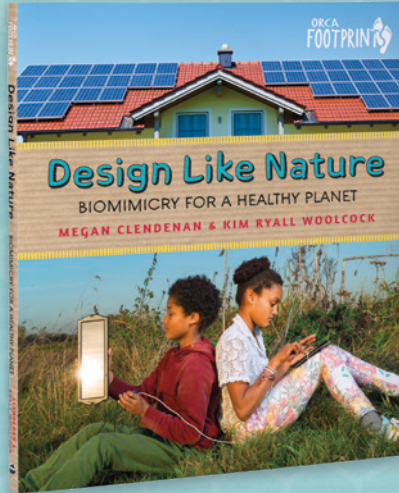


# DISCOVER INNOVATIONS AND INVENTIONS INSPIRED BY THE ENVIRONMENT

Nature runs the entire planet with no waste and no pollution. Can humans learn to do this too? It's time to step outside and start **designing like nature**.



## WHAT IS BIOMIMICRY?

Biomimicry is the scientific term for when we copy nature. It is the process of designing and producing structures and systems that are modeled on living organisms and natural processes while taking care of our home, Planet Earth.



## LET'S DESIGN LIKE NATURE!

Observe a favorite plant or animal up close. Create a biomimicry invention based on your observations. **Sketch out your design below.** What will your invention do?



# DESIGN LIKE NATURE SCAVENGER HUNT

*Take a look around your classroom, home or outdoors. What materials can you find?*

**1** Three things made of plastic

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**2** Three things made of metal

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**3** Three things made of wood

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**4** Three things made of plants

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**5** Two things in your fridge or lunch that are or could be from a local farm

\_\_\_\_\_

**6** Two things in your fridge or lunch that came from another country or continent

\_\_\_\_\_

**7** Something that has a pattern of any kind

\_\_\_\_\_

**8** Something that has a branching pattern

**9** Something that has a spiral pattern

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**10** Something that has a mathematical pattern that reflects the Fibonacci sequence

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