



# Classroom Activity

## 10 Big Question: What is life?

### The imitation game

This discussion activity can be done individually.

Biomimicry has led to some amazing developments through imitating nature, from Velcro strips to superfast trains. Imagine you are a biomimicry researcher looking for a new project. Identify a plant or animal which has properties you want to imitate.

- What are the features you want to copy from the plant or animal?
- Do we understand how these features work?
- How would these features be useful to humans? What kind of product would you make using them?
- What kind of challenges would you have to overcome to use these properties?

Write down your answers as a hypothetical research proposal and then present it to the class in a two minute talk, using images or videos to illustrate the plant or animal you are mimicking.