

**Design Activity – Dbait**

**Student Resource**

***Scenario:*** You are working for a fishing outfitter company- *DBait* and your job is to help the company create a new line of fishing lures. *DBait* market researchers have determined that there are a limited number of artificial baits that represent insects that become food sources for fish.

**Your Task:** Your team must create a fishing lure that mimics an aquatic insect to attract fish.

**Constraints:**

* + Use parametric modeling to create a design to be 3D printed
  + The lure must be castable using a basic spinning rod – (not fly fishing)

**Criteria:**

* + Lure design must mimic nature
  + Biomimicry designs will consider function as a design feature (neutral buoyancy), consider other functions