

# Bird Beak Challenge

**Subject:** Science

**Grade Level:** 6-8

**Concept:** Entrepreneurial Process

**Method:** Design Thinking

## OVERVIEW

Students will design a bird beak. Unlike birds that have a specific food source, their beaks are designed to meet that need. Each group beak will be highly specialized to gather the most food possible in a given timeframe. Students will design beaks that will overcome the following feeding behaviors: tearing, cracking, sipping, drilling, picking, probing, striking, straining, and scooping. Students will be given a limited amount of supplies to construct bird beaks that will capture food within the niche. The problem is that you don't know what the niches or food will look like. Groups will research about the feeding behaviors to have the best chance of success during the challenge.

[Read Full Lesson](#)

**Connection to Entrepreneurship:** Students are to design a product with limited resources.