

Hangry Herb's Habitat

Grade

4

Created by Heidi Samuelson



Difficulty **1**



20 minutes



small group

Tags: Science, Botany, Plant Science

App/Tech Tools

Hangry Herb app, MERGE Cube, MERGE Headset (optional), device (phone/tablet)

Materials

Learning Objective

After exploring Hungry Herb, students will determine if this is a plant that uses only photosynthesis to get the materials it needs for growth.

Suggested Vocabulary: Photosynthesis, Herbivore, Carnivore, Omnivore, Carbon Dioxide, Oxygen

Activity

- 1. Prep:** Before using Hangry Herb, students should explore more information and research how plants get the materials they need to grow using books, charts, and website resources.
- 2.** After researching the concept of photosynthesis and how plants get what they need to grow, students will explore the Hangry Herb app and determine similarities and differences between a real life plant and Hangry Herb. As they interact with Hangry Herb, students will document their observations and answer the following questions:

- What is Hangry Herb’s response when you push the water button too many times in a row? How is this similar to a real plant?
- Which water delivery system seems to bother Hangry Herb? Which delivery system does it seem to enjoy the most?
- How is this similar to real life plants? What naturally occurring weather would be most harmful to real plants?
- What is Hangry Herb’s response when you put the meat button too many times in a row? How is this similar to a real plant?
- What is Hangry Herb’s response each time it is fed?
- What kind of gas could this be similar to in a real life plant?
- What is the dice button symbolizing for a real plant?

Extension Ideas

- **Optional:** Take a photo of Hangry Herb. Add it to your Seesaw Journal with a writing response to this question: “How is Hangry Herb similar to a real plant? How is it different?”
- After exploring Hangry Herb, students will determine if this is a plant that uses only photosynthesis to get the materials it needs for growth.

