

# Nectar Gap STEM Activity

## What Is a Nectar Gap?

A nectar gap happens when garden visitors cannot find enough blooming flowers.

- 1 Flowers bloom and offer nectar.



- 2 Bees, butterflies, hummingbirds, and moths come to visit.



- 3 When only a few flowers are blooming, the garden can grow quiet.



**STEM clue:** Different flowers bloom at different times of day and in different seasons.

A garden visitor needs...

- ☐ Food (flowers)
- ☐ Water
- ☐ Shelter

What clues show a nectar gap?

- ☐ Very few blooms
- ☐ Fewer visitors
- ☐ A quiet garden

**My idea:**

How could Maya help the garden?

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A healthy garden keeps a welcome ready.



# Nectar Gap STEM Activity

## Fix the Garden Challenge

Use what you learned to help Maya plan a garden with flowers for many seasons and times of day.

### Number the steps



Add shallow water and safe shelter.



Notice that the garden is quiet.



Plant flowers for spring, summer, fall, and night.



Look for which flowers are blooming now.

### Design Maya's solution

Draw or plan a garden that has blooms for morning, afternoon, evening, and night.



### My garden plan includes

- ☐ Spring flowers
- ☐ Summer flowers
- ☐ Fall flowers
- ☐ Night blooms
- ☐ Water
- ☐ Shelter

### Who might visit?



Bee \_\_\_\_\_



Butterfly \_\_\_\_\_



Hummingbird \_\_\_\_\_



Moth \_\_\_\_\_

Different blooms help different visitors at different times.