

# Shake a Bush or Sweep the Grass--Catch a Bug!

## Explore

- Everyone – Catch a bug in a bug box.
- Share your bug with your group.
- The group picks one bug to be the group bug.
- Together, make 5 Observations about your Bug – include a sketch and non-standard measurement as an observation.

1.

2.

3.

4.

5.

- Develop 5 fair questions about your bug.

1.

2.

3.

4.

5.

- Be ready to share your bug with the entire class

**Elaborate:** Create a data chart (bar graph) of the number of individual arthropods collected from your plant (bush). Describe your plant's location, type of plant (woody, grass, evergreen, deciduous). Record your group's data on the chart paper.

**System Thinking Evaluation:**

Draw a final picture of your plant (bush, tree, or shrub) ecosystem.

Indicate all the components (living and nonliving) that have an impact of this plant.

What are the relationships and interactions that occur within the plant with the living and nonliving components? (draw arrows to make the connections of these relationships)

