

Subject	Science –
Grade	4
CCSS	LS1.A: Structure and Function -- Plants and animals have both internal and external structures that serve various functions in growth, survival, behavior, and reproduction. (4-LS1-1) LS1.D: Information Processing
Learning Target	Students will be able to determine the function of flowers in a plant, and specifically in a pumpkin plant.
Rationale	Different organisms have different specialized structures. These structures often work together in complex systems that are not always standardized.
Tasks	<p>Guided Inquiry: Show images of male and female squash flowers. Look at these two flowers. They come from the same plant. Observe similarities, differences, ask questions, and make conjectures.</p> <p>Mini Lesson:</p> <ol style="list-style-type: none"> 1) Complete the guided notes as you go through slides 4, 5, and 6 of the lesson. <p>Formative Assessment:</p> <ol style="list-style-type: none"> 1) Short response: Explain why bees are so important to the pollination of pumpkins. Make sure to identify the two types of flowers of a pumpkin.
Extension Question	Some plants have special defensive structures. What are some plants that have structures that protect them from being eaten?
Materials	<p>Functions of a Flower guided notes</p> <p>Function of a Flower slide deck</p>