

1st Grade: Growing Green Gardens

Driving Question: How can we teach others about the natural patterns in our world?

Content: Students will learn about the parts and functions of plants, create a class vegetable garden, and share a narrated slideshow to explain natural patterns in our world.

- NGSS- 1-LS3-1: Make observations to construct an evidence-based account that young plants and animals are like, but not exactly like, their parents.
- W.1.7- Participate in shared research and writing projects
- W.1.8-With guidance and support from adults, recall information from experiences or gather information from provided sources to answer a questions.
- MP.2- Reason abstractly and quantitatively
- MP.5- Use appropriate tools strategically
- 1.MD.A.1- Order three objects by length; compare the lengths of two objects indirectly by using a third object

Major Products: Students will create their own greenhouse to plant a lima bean, watch it sprout, and grow into a plant. Students will also collaboratively plant a vegetable garden. They will remove some of the new seeds to grow offspring plants and compare/contrast the parent and offspring vegetables.

Public Presentation: The class vegetable garden will be visible to anyone, as it is outside of the classroom. Students will share create and share a narrated slideshow to their peers, explaining the natural patterns.

