

Bean Seed Cycle

Science:

- **Kindergarten:**
 - Standard K.S.1: The student will use the science and engineering practices, including the processes and skills of scientific inquiry, to develop understandings of science content.
 - Standard K.L.2: The student will demonstrate an understanding of organisms found in the environment and how these organisms depend on the environment to meet those needs.
- **First Grade:**
 - Standard 1.S.1: The student will use the science and engineering practices, including the processes and skills of scientific inquiry, to develop understandings of science content.
 - 1.E.4B.1 Obtain and communicate information to summarize how natural resources are used in different ways (such as soil and water to grow plants; rocks to make roads, walls, or buildings; or sand to make glass).
 - Standard 1.L.5: The student will demonstrate an understanding of how the structures of plants help them survive and grow in their environments.
- **Second Grade:**
 - Standard 2.S.1: The student will use the science and engineering practices, including the processes and skills of scientific inquiry, to develop understandings of science content.

ELA:

- **Kindergarten- 2nd Grade:**
 - Standard 1: Formulate relevant, self-generated questions based on interests and/or needs that can be investigated.
 - Standard 3: Construct knowledge, applying disciplinary concepts and tools, to build deeper understanding of the world through exploration, collaboration, and analysis.
 - Standard 4: Synthesize integrated information to share learning and/or take action. 4.1 With guidance and support, discover relationships and patterns during the inquiry process. 4.2 With guidance and support, use tools to communicate findings. 4.3 With guidance and support, reflect on findings.
 - Standard 5: Reflect throughout the inquiry process to assess metacognition, broaden understanding, and guide actions, both individually and collaboratively.