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| Benchmarks | Garden Example lessons |
| **Standard 1: SCIENTIFIC INQUIRY** | |
| SC.3.1.1 - Ask a question and develop an hypothesis based on observations. |  |
| SC.3.1.2 – Collect data to answer a question. |  |
| **Standard 2: NATURE OF SCIENCE**  **Science/Technology/Society** | |
| SC.3.2.1 –Describe different types of farming and food system “technologies” and how they affect people in the community. |  |
| **Standard 3: ORGANISMS AND THE ENVIRONMENT**  **Interdependence** | |
| SC.3.3.1 - Describe the inter-relationships between plants and animals; seed dispersal, pollination, and the oxygen/carbon cycle. |  |
| **Standard 4: STRUCTURE AND FUNCTION IN ORGANISMS**  **Living Systems** | |
| SC.3.4.1 - Describes and compare how the form of living things helps them to survive. |  |
| **Standard 5: DIVERSITY, GENETICS, AND EVOLUTION**  **Unity and Diversity** | |
| SC.3.5.1 - Describe how form is related to function in living things. |  |
| **Standard 6: NATURE OF MATTER AND ENERGY** | |
| SC.3.6.1 - **Transformation of Energy** – What is energy? What are effects of sun energy that we can observe? |  |
| SC.3.6.2 – **Light Waves** – How is light changed by striking an object? |  |
| **Standard 7: FORCE AND MOTION** | |
| SC.3.7.1 – Describe and Compare simple machines. |  |
| **Standard 8: EARTH AND SPACE SCIENCE** | |
| SC.3.8.1 – **Earth Materials** – Describe how Earth materials are made. (soil, sand, minerals, rocks) |  |
| SC.3.8.2 – **The Water Cycle** – Describe the water cycle and how it relates to weather and climate. |  |
| SC.3.8.3 – **Sun and Moon Cycles** – Observe and describe the movements of the Sun and the Moon. |  |
| SC.3.8.4 – **The Movement of the Universe** – Constellations, their pattern and movement across the sky. |  |