All About Plants

Stokes Nature Center

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| **Subject** | **Grade** | **Utah Science Core Standard** | **Objective(s)** |
| **Science** | First | 4. Life Science: Students will gain an understanding of Life Science through the study of changes in organisms over time and the nature of living things. | 1.a. Communicate observations about plants and animals, including humans, and how they resemble their parents.  2.a. Make observations about living things and their environment using the five senses.  2.b. Identify how natural earth materials help to sustain plant and animal life.  2.c. Describe and model life cycles of living things. |
| **Science** | First | 1. The Processes, Communication, and Nature of Science | 2. Communicating science effectively using science language and reasoning. |
| **K-2 Integrated**  **Core** | First | 1. Students will develop a sense of self. | 2. Develop and demonstrate skills in gross and fine motor movement. |

**Big Idea:** Specialized plant structures and life cycles allow plants to survive in their environment.

**Science Core Indicators: Students will:**

1. Investigate basic plant parts and functions.

2. Compare characteristics of plants throughout their lifecycle.

3. Explore what plants need to survive and grow.

**Essential Questions:**

1. What does a plant need to grow?

2. How does the environment affect the development of plants?

3. Why is it important to know about the unique structures of different plants?

4. Where do plants get the food and water they need to thrive?

5. What are the stages of a plant’s life cycle?

6. How are plants pollinated?