

## CSI - Grade 1

### **Life Science Standards:**

Students develop an understanding that Earth has supported, and continues to support, a large variety of organisms. These organisms can be distinguished by their physical characteristics, life cycles, and their different resource needs for survival. Different types of organisms live where there are different earth resources such as food, air, and water.

#### Core Ideas:

- L1: Organisms are organized on a cellular basis and have a finite life span.
- L2: Organisms require a supply of energy and materials for which they often depend on, or compete with, other organisms
- L3: Genetic information is passed down from one generation of organisms to another.
- L4: The unity and diversity of organisms, living and extinct, is the result of evolution.

#### Standards:

1.L1U1.6 - *Observe, describe, and predict life cycles of animals and plants.*

1.L2U1.7 - *Develop and use models about how living things use resources to grow and survive; design and evaluate habitats for organisms using earth materials.*

1.L2U1.8 - *Construct an explanation describing how organisms obtain resources from the environment including materials that are used again by other organisms.*

1.L3U1.9 - *Obtain, evaluate, and communicate information to support an evidence-based explanation that plants and animals produce offspring of the same kind, but offspring are generally not identical to each other or their parents.*

1.L4U1.10 - *Develop a model to describe how animals and plants are classified into groups and subgroups according to their similarities.*

1.L4U3.11 - *Ask questions and explain how factors can cause species to go extinct.*

### **Social Studies Standards**

The content areas of civics, economics, geography, history, and disciplinary skills and processes.

#### Standards:

1.SP3.5 - *Ask and answer questions about explanations given.*

1.C1.2 - *Follow agreed upon rules for discussions when responding to others and making decisions including consensus building procedures.*

1.C1.3 - *Compare one's own thoughts and opinions with others' perspectives.*

1.G2.1 - *Compare how human activities affect culture and the environment now and in the past.*