3.LS1.B: Growth and Development of Organisms

Reproduction is essential to the continued existence of every kind of organism. Plants and animals have unique and diverse life cycles. (3-LS1-1)

Performance Expectation

3-LSt1: Develop models to describe that organisms have unique and diverse life cycles but all have in common birth, growth, reproduction, and death.

Clarification Statement: Changes organisms go through during their life form a pattern.

Assessment Boundary: Assessment of plant life cycles is limited to those of flowering plants. Assessment does not include details of human reproduction.

Science and Engineering Practice

Developing and Using Models

Modeling in 3–5 builds on K–2 experiences and progresses to building and revising simple models and using models to represent events and design solutions.

Develop models to describe phenomena. (3-LS1-1)
Patterns
Patterns of change can be used to make predictions (3-LS1-1)

Science Knowledge Is Based on Empirical Evidence
Science findings are based on recognizing patterns. (3-LS1-1)

Reading Informational Text
RI.3.7 - Integration of Knowledge and Ideas
Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text (e.g., where, when, why, and how key events occur). (3-LS1-1)
**Common Core State Standards for ELA/Literacy**

**Speaking & Listening**

**SL.3.5 - Presentation of Knowledge and Ideas**

Create engaging audio recordings of stories or poems that demonstrate fluid reading at an understandable pace; add visual displays when appropriate to emphasize or enhance certain facts or details. (3-LS1-1)

**Common Core State Standards for Mathematics**

**Number & Operations in Base Ten**

**3.NBT - Use place value understanding and properties of operations to perform multi-digit arithmetic.**

Number and Operations in Base Ten. (3-LS1-1)

**Number & Operations—Fractions**

**3.NF - Develop understanding of fractions as numbers.**

Number and Operations—Fractions (3-LS1-1)
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