

Educational Resources from *Phenomenon Science Education*

Student Proficiency Goals for **NGSS 1-LS1-2**



Information about 1-LS1-2

NGSS Performance Expectation 1-LS1-2.

Read texts and use media to determine patterns in behavior of parents and offspring that help offspring survive.

Clarification Statement.

Examples of patterns of behaviors could include the signals that offspring make (such as crying, cheeping, and other vocalizations) and the responses of the parents (such as feeding, comforting, and protecting the offspring).

Assessment Limits.

No specific assessment limits are listed for this Performance Expectation.

Science and Engineering Practice (Obtaining Evaluating and Communicating Information)

- Read grade-appropriate texts and use media to obtain scientific information to determine patterns in the natural world.

Disciplinary Core Idea (LS1.B: Growth and Development of Organisms)

- Adult plants and animals can have young. In many kinds of animals, parents and the offspring themselves engage in behaviors that help the offspring to survive.

Crosscutting Concept (Patterns)

- Patterns in the natural and human designed world can be observed, used to describe phenomena, and used as evidence.

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Student Proficiency Goals

SEP (Obtaining, Evaluating and Communicating Information):

- Students read grade-appropriate texts and/or use grade-appropriate media to obtain information about common types and patterns of behavior of parents and offspring.
- Students read grade-appropriate texts and/or use grade-appropriate media to obtain information about how behavior of certain animal parents and their offspring help the offspring survive.
- Students identify and describe patterns in behaviors of certain animals that help offspring survive.

DCI (LS1.B Growth and Development of Organisms):

- Students know that plants and animals can reproduce and have young/offspring.
- Students know that parents of many types of animals engage in behaviors that help their offspring survive.
- Students know that offspring of many types of animals engage in behaviors that help themselves survive.

CCC (Patterns):

- Students notice patterns in the behaviors of parents and offspring of certain animals that help the offspring survive.
- Students use patterns to describe phenomena related to ways that parents and offspring of certain animals engage in behaviors that help the offspring survive.