

DCI: Biological Evolution: Unity and Diversity

2.LS4.D: Biodiversity and Humans

There are many different kinds of living things in any area, and they exist in different places on land and in water. (2-LS4-1)

Performance Expectation

2-LS4-1: Make observations of plants and animals to compare the diversity of life in different habitats.

Clarification Statement: Emphasis is on the diversity of living things in each of a variety of different habitats.

Assessment Boundary: Assessment does not include specific animal and plant names in specific habitats.

Science and Engineering Practice

Planning and Carrying Out Investigations

Planning and carrying out investigations to answer questions or test solutions to problems in K–2 builds on prior experiences and progresses to simple investigations, based on fair tests, which provide data to support explanations or design solutions.

Make observations (firsthand or from media) to collect data which can be used to make comparisons. (2-LS4-1)

Science Knowledge Is Based on Empirical Evidence

Scientists look for patterns and order when making observations about the world. (2-LS4-1)

Common Core State Standards for ELA/Literacy

Card Type name

W.2.7 - Research to Build and Present Knowledge

Participate in shared research and writing projects (e.g., read a number of books on a single topic to produce a report; record science observations). (2-LS4-1)

Common Core State Standards for ELA/Literacy

Card Type name

W.2.8 - Research to Build and Present Knowledge

Recall information from experiences or gather information from provided sources to answer a question. (2-LS4-1)

Common Core State Standards for Mathematics

Measurement & Data

2.MD.D.10 - Represent and interpret data.

Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories. Solve simple put-together, take-apart, and compare problems using information presented in a bar graph. (2-LS4-1)

Common Core State Standards for Mathematics

Mathematical Practices

MP.2 - Reason abstractly and quantitatively

CCSS text (2-LS4-1)

Common Core State Standards for Mathematics

Mathematical Practices

MP.4 - Model with mathematics

CCSS text (2-LS4-1)