

Leaf Morphology

ELC-4075

NGSS and COMMON CORE STANDARDS

NGSS 1-LS1-1

Use materials to design a solution to a human problem by mimicking how plants and/or animals use their external parts to help them survive, grow, and meet their needs.

NGSS 2-LS2-1

Plan and conduct an investigation to determine if plants need sunlight and water to grow.

NGSS 3-LS4-4

Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change.

COMMON CORE

RL.1.1

Ask and answer questions about key details in a text.

RL.1.2

Retell stories, including key details, and demonstrate understanding of their central message or lesson.

RI.1.4

Ask and answer questions to help determine or clarify the meaning of words and phrases in a text.

RI.1.6

Distinguish between information provided by pictures or other illustrations and information provided by the words in a text.

Ri.1.7

Use the illustrations and details in a text to describe its key ideas.

W.1.2

Write informative/explanatory texts in which they name a topic, supply some facts about the topic, and provide some sense of closure.

SL.1.2

Ask and answer questions about key details in a text read aloud or information presented orally or through other media.

SL.1.5

Add drawings or other visual displays to descriptions when appropriate to clarify ideas, thoughts, and feelings.

L.1.4

Determine or clarify the meaning of unknown and multiple-meaning words and phrases.

RI.2.2

Identify the main topic of a multiparagraph text as well as the focus of specific paragraphs within the text.

RI.2.4

Determine the meaning of words and phrases in a text relevant to a *grade 2 topic or subject area*.

RI.2.6

Identify the main purpose of a text, including what the author wants to answer, explain, or describe.

RI.2.7

Explain how specific images contribute to and clarify a text.

W.2.2

Write informative/explanatory texts in which they introduce a topic, use facts and definitions to develop points, and provide a concluding statement or section.

SL.2.2

Recount or describe key ideas or details from a text read aloud or information presented orally or through other media.

RL.3.1

Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.

RL.3.7

Explain how specific aspects of a text's illustrations contribute to what is conveyed by the words in a story.

RI.3.1

Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.

RI.3.5

Ask and answer questions to demonstrate understanding of a text, referring explicitly to the text as the basis for the answers.

RI.3.7

Use information gained from illustrations (e.g., maps, photographs) and the words in a text to demonstrate understanding of the text.

RST.6-8.7

Integrate quantitative or technical information expressed in words in a text with a version of that information expressed visually (e.g., in a flowchart, diagram, model, graph, or table)

RST.6-8.9

Compare and contrast the information gained from experiments, simulations, video, or multimedia sources with that gained from reading a text on the same topic.

RI.3.10

By the end of the year, read and comprehend informational texts, including history/social studies, science, and technical texts, at the high end of the grades 2–3 text complexity band independently and proficiently.

SL.3.2

Recount or describe key ideas or details from a text read aloud or information presented orally or through other media.