

# Leaf Morphology Chart

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ELC-4076

## 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.