

# Lesson 2 Classifying Organisms

**LA.6.2.2.3, SC.6.L.15.1, SC.6.N.1.1, SC.6.N.1.4**

**Skim or scan** the heading, boldfaced words, and pictures in the lesson. Identify or predict three facts you will learn from the lesson. Discuss your thoughts with a classmate.

## Main Idea

### Classifying Living Things

I found this on page \_\_\_\_\_.

### Determining Kingdoms

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#### NGSSS Check

What evidence is used to classify living things into groups? **SC.6.L.15.1**

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## Details



**Identify** the ways Aristotle organized, or classified, living things.

Plants	
according to: a. _____ and _____ b. whether it is _____, _____, or _____	according to: a. _____ b. _____ and size c. _____



**Indicate** the 5 kingdoms that Whittaker proposed for classifying organisms.

- |          |          |
|----------|----------|
| 1. _____ | 4. _____ |
| 2. _____ | 5. _____ |
| 3. _____ |          |



**Classify** groups of organisms into domains and kingdoms.

Domain	Kingdom
Bacteria	
	Archaea
Eukarya	
	Plantae

## Main Idea

### Scientific Names

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#### NGSSS Check

Why does every species have a scientific name?  
**SC.6.L.15.1**

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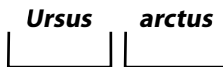
### Classification Tools

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## Details



**Organize** information about binomial nomenclature by defining each part of a brown bear's scientific name.



**Level of classification:**  
 \_\_\_\_\_

**Description:**  
 group of similar species

**Level of classification:**  
 \_\_\_\_\_

**Description:**  
 group of organisms

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**Summarize** why scientific names are important.

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**Compare** a dichotomous key and a cladogram.

Dichotomous Key	Cladogram
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____



**Connect It** Compare your first and last names with a scientific name.

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