

science and language

Name: _____

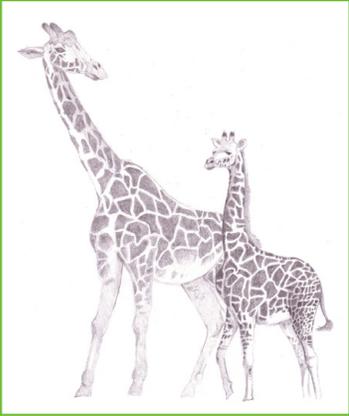
The language of science includes words and phrases that describe things. To describe something in scientific terms, involves using details and being specific.

Directions: Describe your observation of each image. Use complete sentences, and remember to use details.

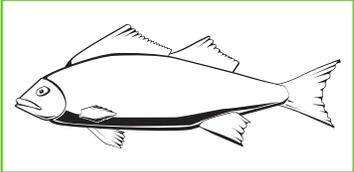
1



2



3



science vocabulary

Name: _____

Vocabulary refers to words that mean specific things. The field of science has lots of specific vocabulary. The vocabulary of science uses words to sort, measure, test, describe, and explain.

Directions: Below are several descriptions that use science vocabulary. Decide which type of activity matches the description.

Description

1 Hawks have sharp talons and curved, pointy beaks.

2 The object on the scale weighed 18 grams.

3 Ducks, hawks, and songbirds are placed in different bird groups based on how they look.

4 Hail is formed as particles are continually pushed up in large storm clouds and then fall.

5 A piece of steel held its form when exposed to heat of over 500° C.

Type of Activity

A Sorting

B Testing

C Explaining

D Measuring

E Describing

using a glossary

Name:	_____
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Fortunately there are many great tools you can use to find the meaning of science vocabulary words. A glossary is one of these tools. A glossary is a list of vocabulary words with definitions. Glossaries are often found at the back of science books.

Directions: Use the section of a glossary to answer the questions.

Beaker: A piece of glassware used to measure volume.

Cell: the basic unit of life.

Ecology: study of the relationships between living things and their environment.

Food chain: a simple diagram showing how energy is passed from one living thing to another living thing.

Fossil: remains, imprints, or traces of once-living ancient things.

Global warming: the overall increase in average temperature of Earth's atmosphere over time.

Habitat: the home of a living thing.

Microscope: instrument used to magnify objects.

Questions:

1 What is a glossary?

2 In what order do the words appear?

3 What term describes the home of a living thing?

4 What is a fossil?

video review

Name: _____



You observe
What did this person say?



You describe
Describe what you see.



You decide
What clue tells you where water vapor is seen?

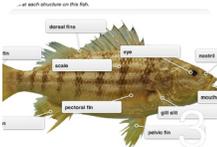
video quiz



_____ is a system of symbols, words, and sounds.



Language in _____ helps observe and describe the world.



_____ words in science are often specific.



Photosynthesis consists of two _____ words.



A _____ has definitions of words at the back of a book.

what do you know now?

Name: _____

Select the best answer for each of the following questions.

1 A system of symbols, words, and sounds make up what?

- nothing
- language
- computers
- art

2 What does language help us do?

- communicate
- sleep
- eat
- breathe

3 What is not the purpose of language in science?

- to form questions
- to describe things
- to explain ideas
- to cause damage

4 Language used to make scientific observations is often specific and what else?

- general
- strange
- detailed
- confusing

5 Where is a glossary found?

- on the counter
- at the end of a book
- in the lab
- in the newspaper

6 Words that mean specific things are called what?

- meaningless
- senseless
- vocabulary
- spelling

7 Which is a science vocabulary word that is about something in space?

- tree
- occupy
- fish
- star

8 Which science vocabulary word relates to measuring?

- soil
- air
- gram
- fire

9 What is a root word in the term “photosynthesis”?

- photo
- plant
- sis
- to

10 What resource helps explain the meaning of words you don’t understand?

- comic book
- dictionary
- atlas
- science fiction book

what have you learned?

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