



# Things Scientists Study

## Affix Meanings

<b>-logy</b>	study of
<b>bio-</b>	life, living
<b>cardio-</b>	heart
<b>chrono-</b>	time
<b>cyto-</b>	cell
<b>geo-</b>	Earth
<b>hydro-</b>	water
<b>ichthy-</b>	fish
<b>ornitho-</b>	bird
<b>path-</b>	disease
<b>zoo-</b>	animal

*An affix is a part of a word that has a specific meaning.*

## Build the Word

Can you figure out what each of these types of science are called?

Example: bio logy = the study of living things

\_\_\_\_\_ = the study of Earth

\_\_\_\_\_ = the study of animals

\_\_\_\_\_ = the study of the heart

\_\_\_\_\_ = the study of cells

\_\_\_\_\_ = the study of time

\_\_\_\_\_ = the study of fish

\_\_\_\_\_ = the study of water

\_\_\_\_\_ = the study of birds

\_\_\_\_\_ = the study of disease



## What's it Mean?

Finish the sentences to tell what each type of scientist studies.

Example: A zoologist studies animals.

An ichthyologist studies \_\_\_\_\_.

A pathologist studies \_\_\_\_\_.

A cardiologist studies \_\_\_\_\_.

A hydrologist studies \_\_\_\_\_.

An ornithologist studies \_\_\_\_\_.

A biologist studies \_\_\_\_\_.

A geologist studies \_\_\_\_\_.

A cytologist studies \_\_\_\_\_.

## Affix Expert

Use the affixes to build your own word. See if someone can guess what it means!



## Answer Key

### Build the Word

*geology* = the study of Earth

*zoology* = the study of animals

*cardiology* = the study of the heart

*cytology* = the study of cells

*chronology* = the study of time

*ichthyology* = the study of fish

*hydrology* = the study of water

*ornithology* = the study of birds

*pathology* = the study of disease

### What's it Mean?

An ichthyologist studies *fish*.

A pathologist studies *diseases*.

A cardiologist studies *the heart*.

A hydrologist studies *water*.

An ornithologist studies *birds*.

A biologist studies *living things (life)*.

A geologist studies *the Earth*.

A cytologist studies *cells*.