

It's easy to get tongue-tied describing what scientists do. Look at the statements below. Switch the **red words** around until each statement about inquiry skills makes sense.

In order to sort his beakers and other tools, Dr. Mallory **hypothesizes** each object by size and shape. _____

Gabriella **measures** that her dog will want his favorite food for dinner, because she has observed him eat it quickly many times before. _____

Kim **predicts** when planning an experiment with her older brother. She keeps everything the same during their procedure, except for the one factor being tested. _____

After completing an experiment and summarizing her findings, Dr. Garcia **classifies** what she has learned with other scientists. _____

Dr. Jefferson studies the age of rocks and fossils. She **uses variables** to tell how old each specimen is. _____

Before conducting his experiment for the science fair, Derrick **uses time and space relationships** about which sample of fertilizer will make his tomato plant grow the fastest. _____

To find out how long it takes Deshawn to ride his bike 100 m, Jessica **communicates** the time with a stopwatch. _____

Do the Math!

Compare Numbers

Some of the world's biggest mammals live under the oceans' waves. The table gives the names of several kinds of whales and the number that scientists estimate are alive today.

Kind of Whale	Population
Beluga whale	200,000
Blue whale	14,000
Fin whale	55,000
Humpback whale	40,000
Minke whale	1,000,000
Pilot whale	1,200,000
Sei whale	54,000
Sperm whale	

1. Which two kinds of whales have the closest number alive?

2. How many more Pilot whales are there than Minke whales?

3. Scientists estimate there are about three hundred and sixty thousand sperm whales alive today. Write that number, using numerals, in the table.

