Name: _____ Date: _____

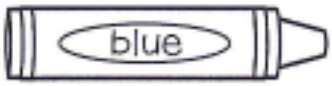
Find the Evidence

Can you find the PROOF for your answers? Use a crayon in the color shown to underline where you found each answer in the text.

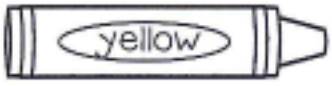
Scientific Method

Scientists around the world follow the same basic set of steps (called the Scientific Method) to find out new things.

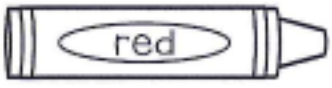
The first step is to ask a question. Most scientists ask a lot of questions about the world around them! Then, a scientist needs to read and look up information. This helps them make a hypothesis, or smart guess, of what the answer might be. Next, a scientist tests the guess by planning and doing an experiment. This experiment should test a control group (where everything stays normal) and an experimental group (where ONE thing has been changed from the control group). By making just one thing different, scientists know what causes different results. During the experiment, a scientist observes and records what happens. Next, the scientist looks for patterns in the results. Finally, the scientist draws a conclusion about the answer to his or her question and shares with other scientists. By using this method, scientists learn more about how things work- and you can, too!



With **whom** do scientists share their results?

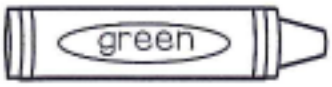


What two groups are in the experiment?

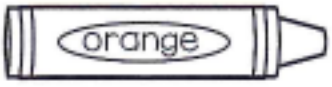


Where is the Scientific Method used?

Why do scientists change only one thing?



How do scientists make a smart hypothesis?



When does the scientist observe and record?