Scientific Method

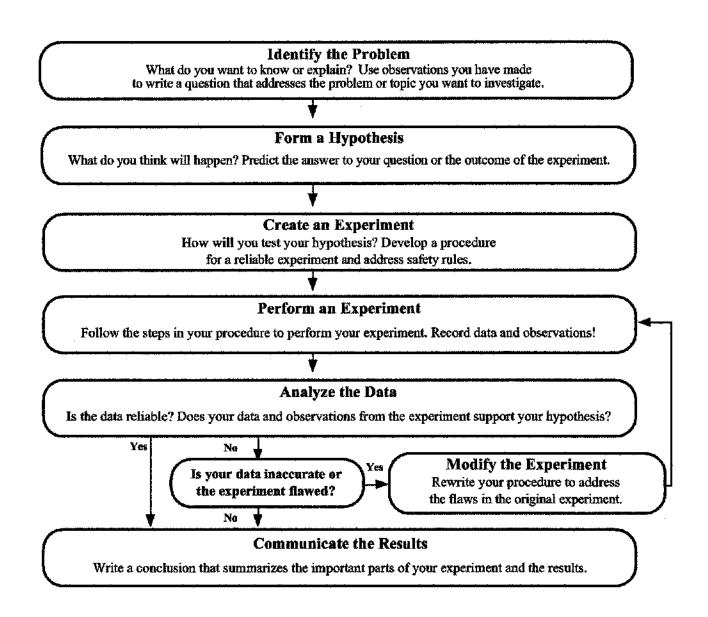
Overhead Key

What is the scientific method? It is a process that is used to find answers to questions about the world around us.

Is there only one "scientific method"? No, there are several versions of the scientific method. Some versions have more steps, while others may have only a few. However, they all begin with the identification of a problem or a question to be answered based on observations of the world around us and provide an organized method for conducting and analyzing an experiment.

What is a hypothesis? It is an educated guess based on observations and your knowledge of the topic.

What is data? It is information gathered during an experiment.



Lab Safety, Branches of Earth Science, and Scientific Method

Make sure you study ALL Lab Safety Rules, Earth Science Book, and The Scientific Method Graphic Organizer!

		Test will be	given on			
Lab Sa	ifety:					
1.	It is important to make internalizing poisons.	sure that you do not_	<u>eat</u> or d	<u>rink</u> in the lab b	ecause you m	nay run the risk of
2.	Horseplan, be done in the lab.	_ can lead to chemica	ıl spills, acciden	tal fires, or broken	glass. Therefo	ore, this should never
3. 4.	If there are no adults i If you need to smell a nose.					furnes towards your
Scient 1. 2. 3.	The second step in the Once information has		o <u>collect</u> ased on the info	data / in	formatic	<i>Y</i>
4 . 5.	Next you will create a	n <u>experiment</u> ts and observations so	t1	to test the hypothe ch a <u>Conclu</u>	sis. 5100	to support or
6. 7. 8. 9.	1	is a process to solve _ intific method should b vay to use the scientific Onclusion (repor	e based on c method. It car かるいだとIt	data t be <u>changed</u> should communica	ate the results	of their experiments in
Earth (Science:					
1. 2. 3. 4. 5.	The four major branch	racky and of 50 6 n is called OCEA y of 5005 4	Parts nograf universe	M	mele	orology_
Branches of Earth Science: Place the jobs listed under the correct branch.						
	The study of climates. The Study of the stars planets, and comets. The examination of for	i, §•• •	Composition of Processes that seas. Volcanoes and	occur in the	• Fea	m Patterns. tures of the moon. an floor ers of atmosphere
	Geology amine-fossils Icanoes/earth quakes	proude	hat seas	Astronomy control of city control of stars,	ء ا ما	Meteorology judy of climates orm patterns ayers of the atmosphere
				4 comets		