

SCIENTIFIC METHOD- VOCABULARY

A	B
experimental group	"guinea pigs" -- the real test group in an experiment
observation	something noted in an experiment or noticed about the world around you
control group	part of an experiment treated "normally" -- used to compare experimental results
hypothesis	untested idea, an educated guess
theory	idea in science with at least some evidence or observations supporting it, useful in making predictions
direct observation	an observation made on something you can see or measure "firsthand"
indirect observation	observation about something you can't see or measure "firsthand" -- you must observe HOW OTHER THINGS ARE AFFECTED
law	idea in science proven correct repeatedly without exception
inference	a conclusion or explanation based on observations made about something
scientific method	steps often used in solving problems in science (can be helpful in solving any problem)
experiment	used to test a hypothesis
procedure	something DONE in an experiment
science	search for the true nature of the world and how it works based on our observations of it