

SCIENCE AND THE SCIENTIFIC METHOD



FORMAT

The test will consist of the following topics:

- science
- scientific method
- experimental design
- classroom guidelines
- laboratory guidelines

VOCABULARY

science
theory
law

chemistry
variable
control

hypothesis
phenomenon
technology

experiment
qualitative
quantitative

scientific method
independent variable
dependent variable

KNOW

- science
- the scientific method
- the experimental process
- lab equipment

BE ABLE TO

- list the classroom guidelines
- list the lab guidelines
- describe hypothesis, theory and law
- design an experiment
- choose the variable
- determine the controls

VIDEOS

- Lab Safety
- Introduction to Chemistry
- Experimental Process

TEST DATE: August 28, 2014

**"The whole of science is nothing more than a refinement of everyday thinking."
- Albert Einstein**