

CHAPTER 1
CHEMISTRY & SCIENCE

1

CHAPTER 1 CHEMISTRY & SCIENCE

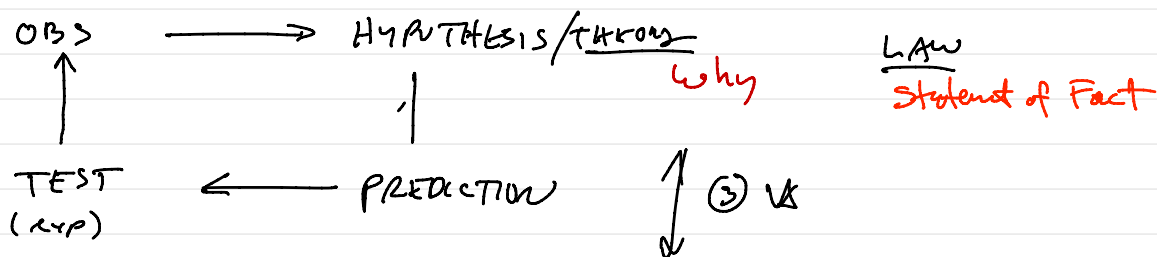
CHEMISTRY

The study of matter: it's properties, interactions, reactions, and energy changes

(matter = prop, int, rxn, ΔE)



Scientific Method, and Theory vs. Law



A THEORY is a general statement that explains a large number of observation

A LAW is a specific statement that is thought to be never violated by the entire natural universe

¿What Makes A Good Theory?

- Predictive
- Falsifiable — if it's false, there is a way to show it is, indeed, false.

↳

Conjecture