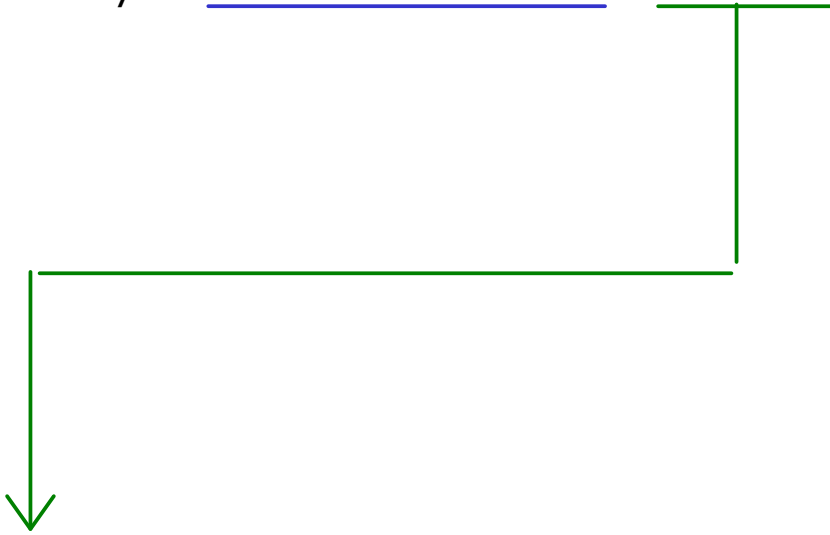


Some basic definitions:

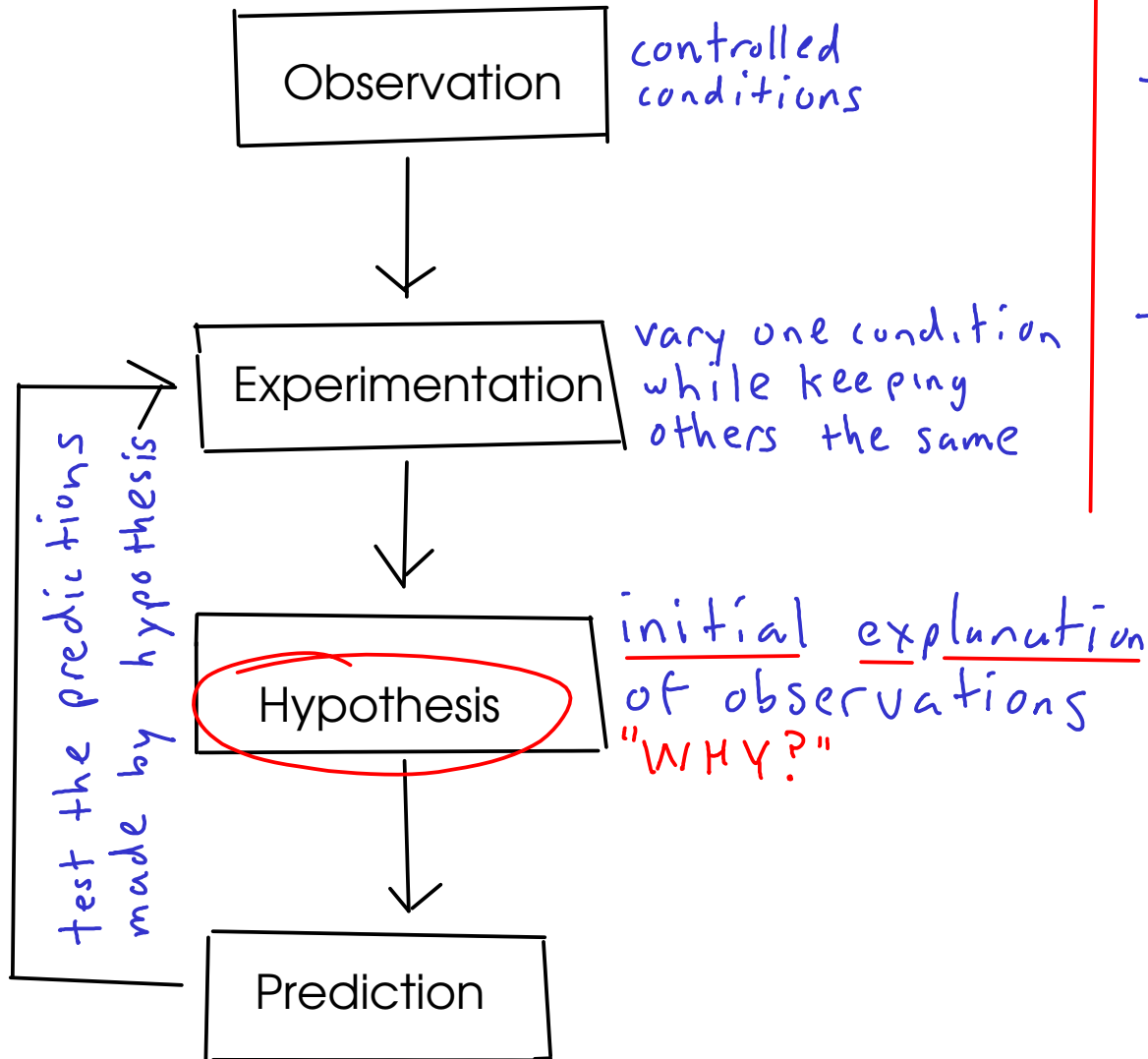
Chemistry: SYSTEMATIC STUDY OF MATTER AND THE CHANGES IT UNDERGOES



Matter: ANYTHING THAT TAKES UP SPACE AND CAN BE PERCEIVED (or DETECTED)

... so what about "SYSTEMATIC STUDY"?

Systematic study? The scientific method



Scientific laws

- SUMMARY of observation often in equation form.

- DOES NOT EXPLAIN OBSERVATIONS

Scientific theories

- an EXPLANATION of observations confirmed by repeated experiments

- accepted by most scientists