scientific enquiry

diverse (different)

scientist investigate the natural world

suggest explanation based on evidence

hypothesis

a possible explanation

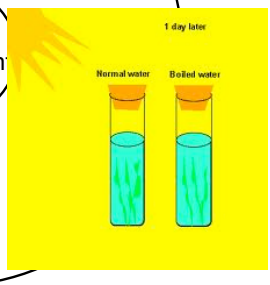
answer to a scientific question

variable

something that can change

controlled experiment

only one variable changes at a time



not tested

not changed

control

part of an experiment

one variable

purposely changed

manipulated variable

dependent variable

changes in response to the manipulated variable

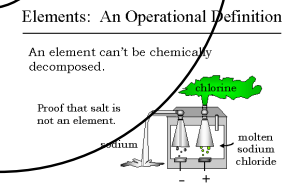
responding variable

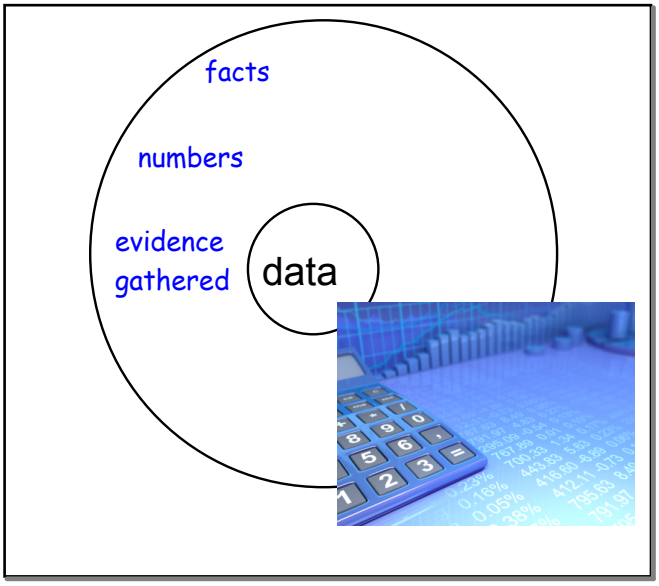
a statement

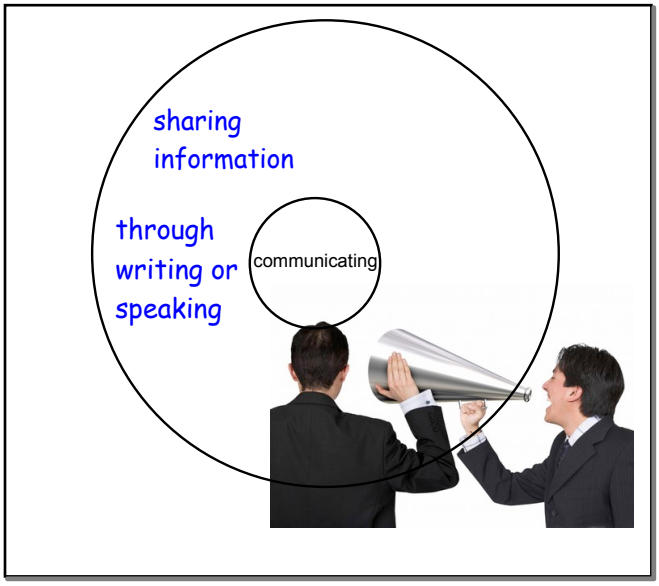
explains what you want to happen

describes how to measure change

operational definition




facts
numbers
evidence gathered
data


sharing information
through writing or speaking
communicating