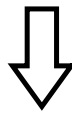


Scientific Method Flowchart *Observation*

Define the problem or ask a question

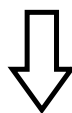
↓ "How does — affect —?"

Hypothesis (testable)

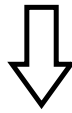


Design experiment

Experimental
controls



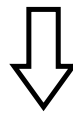
IV



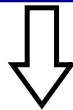
DV



control group



Collect data



Conclusion

IV = independent variable (manipulated)

DV = dependent variable (responding)

Control Group = no treatment. (compare exp. results)

How does mass ^{IV} affect time ^{DV}?

hydration
food
person.
carse
temperature.
leg length.
shoe size