

Student Work in the Practice

Handwritten student work showing a table of density calculations for various substances and a discussion of precision.

Substance	Mass (g)	Volume (ml)	Density (g/ml)
Alcohol	9.15 g	118 ml	18.5
Ice	2.5 g	5.8 ml	3.35
Oil	99.5 g	129 ml	2.4 g
Water	99.5 g	110 ml	2.7 g

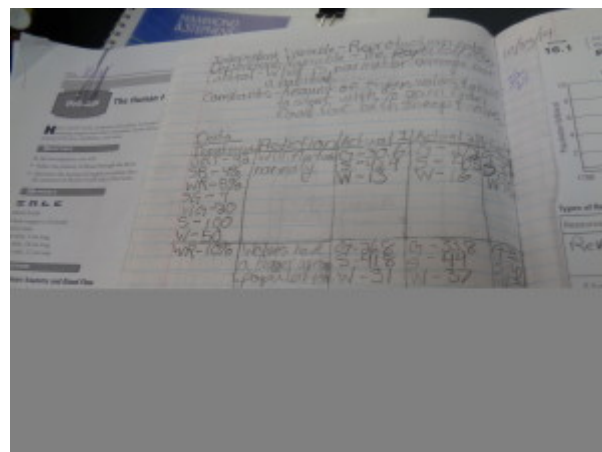
Chem Ice is not clear in these tests because the densities are not below ice's density. What about actual water?

precision is based on how close all the data points are together. What about water for example?

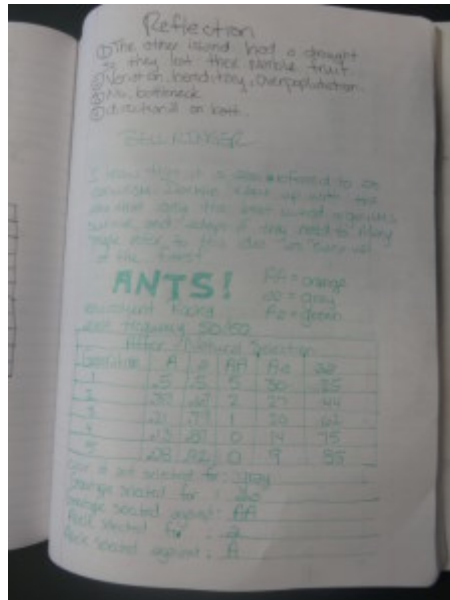
Middle school students calculate the density of a penny.



First grade students graph weather as a class.



High school students use computational thinking to explore predator/prey relationships.



High school students explore natural selection through a [computer model](http://www.mhhe.com/biosci/genbio/virtual_labs/BL_12/BL_12.html). (http://www.mhhe.com/biosci/genbio/virtual_labs/BL_12/BL_12.html). Students collected data and looked for changes in allele frequencies.