

Density Investigations Poster Presentation



Assignment: Choose one of the investigations described below and, working by yourself or with ONE partner create a poster and an oral presentation which includes:

INVESTIGATION:

- State the Question and Hypothesis
- Show (with illustrations) the procedure

RESULTS:

- Report a summary of the results, including the data and graphs, if possible.

CONCLUSION:

- Explain the results in a way that makes sense and shows an understanding of density.

ORAL PRESENTATION:

- Explain the poster and demonstrate the experiment

Investigations to Choose From:

- Liquid Density:** How are water, alcohol and salt water different? Why do some things float in salt water and sink in alcohol? What do your graphs show?
- Floating and Sinking Objects:** Why do some objects float and others sink? How can you predict if an object will float in a given liquid?
- Cartesian Divers:** Why does the diver sink when the fizzkeeper is pumped? What did we learn from the other experiments we did?