

Liquid Viscosity Using Marbles

Concepts

Explanation:

Viscosity is the ability of a liquid to resist deformation of the liquid. In this demonstration this is shown by the ability of the liquid to slow the dropping of the marble through the liquid. The harder it is to move the liquid out of the way the slower the marble will fall. This is often related to density but one should not think that these are indeed different properties.

Sources:

If you have other explanations, concepts, or ideas for this demonstration please share them by contacting our Chem Demo team (bedell@nku.edu; sieveb1@nku.edu). We will pass them on to the community and credit you with the ideas.