

Chemistry



Overview:

In one of our more advanced Science Lab learning modules this exploration into Avogadro's Number does a great job of breaking down this potentially complex concept of how many particles are present in 1 mole of a substance through a clever experiment using just a watch glass, a little water, a ruler, and some drops of Stearic Acid & Hexane solution. Push yourself out of your comfort zone, conquer the science, and see if you can finish these calculations!

How to Find the Experience

Once you are logged in on the VXRLabs homepage, navigate to the "Subjects" tab, select the "Chemistry" option from the left-side menu, then click the "General Chemistry" folder, and finally choose the "Avogadro's Number" option.

Gameplay Instructions

For this exercise, you will be in a science lab classroom with four tables set up where you can perform this module's single experiment. Each of the tables will have a computer monitor with multiple tabs for you to switch between which from left to right will explain the instructions for this experiment, provide extra information, formulas, or instructions on specific tools you may need, along with a general help page. Each classroom in these Chemistry modules will also have a Fabricator table that can be used to create any extra items you may need to perform the experiments.

