

Chemistry



Overview:

Have you ever heard how oil and water just don't mix? Like some cat people and dog people? Well, there's a real scientific principle behind why liquids may not mix and it all comes down to the scientific property of miscibility. Additionally, did you know that besides your normal senses there are all sorts of ways to study unknown substances such as by heating them up and comparing when they boil. Join us in this science module to explore the fascinating properties of different chemicals.

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 "Physical Properties of Chemical Compounds" 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 experiments. 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. The experiments in this classroom are:

1. Boiling Point of Unknown Liquids
2. Physical Properties of Chemical Compounds

