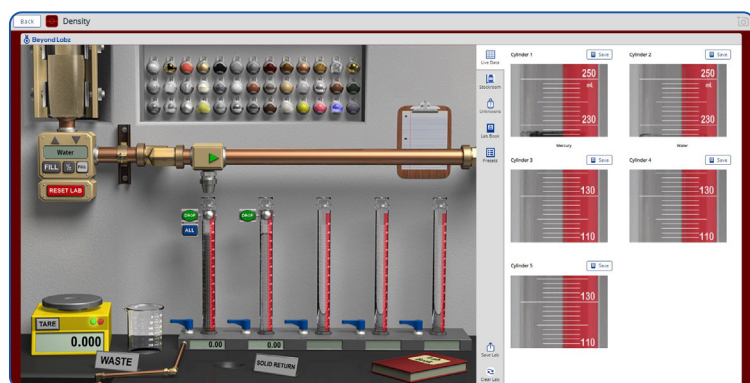


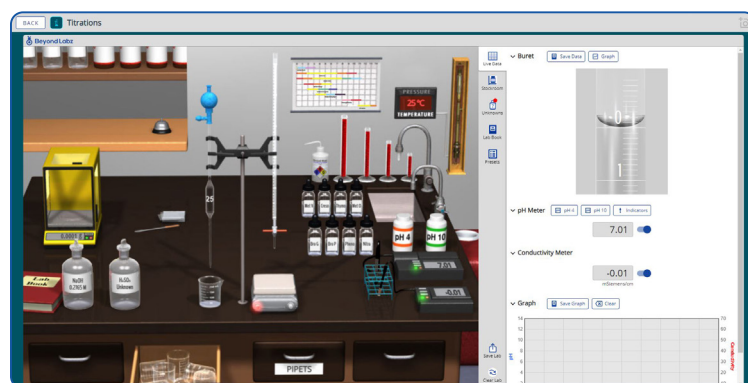
# KHVirtual Labs

Virtual Labs | Real Science | Fully Customizable

KHVirtual Labs offers open-ended Chemistry and Biology labs. Your students will be able to perform reactions & make mistakes safely, record graphs, collect & review raw data, and more.



Titration Lab



Gas Lab

## Procedure

1. Start Virtual Physical Science and select *Elements and the Periodic Table* from the list of assignments. The lab will open in the Inorganic laboratory.
2. Drag a test tube from the box and place it on the metal test tube stand. What is the symbol used for silver? Refer to a periodic table if needed. Find the bottle containing silver and click on it. This will fill the test tube with a silver solution, a picture of which you can see on the left-hand side of the screen. What is the color of the solution in the test tube? Record this information in the data table below.
3. Discard the test tube by either clicking on the red disposal bucket on the right-hand side of the screen or by clicking and dragging the test tube from the test tube holder and dropping it on the disposal bucket.
4. Now repeat steps 2 and 3 for each of the following elements: Sodium, Potassium, Cobalt, Copper, Chromium, Magnesium, Barium, Calcium, Vanadium, Nickel, and Record the symbol for each element and a description of the solution of each element in the table.
5. Complete the table for each element. Use a periodic table to find each element's symbol, atomic number, atomic mass, and group number.

Element	Symbol	Color of Solution	Atomic Number	Atomic Mass	Group Number
Silver					
Sodium					
Potassium					
Cobalt					
Copper					
Chromium					
Magnesium					
Barium					
Calcium					
Vanadium					
Nickel					
Aluminum					

## Interactive Activities



Scan the QR code to experience KHVirtual Labs in action!