

# Chemistry

## Chemistry

Self-Guided activity: <http://phet.colorado.edu/files/activities/3807/BAA-Student-Handout.doc>

The screenshot shows the PhET 'Build an Atom' simulation interface. In the center, a 'Neutral Atom' of Helium is displayed with two protons (red) and two neutrons (grey) in the nucleus, and two electrons (blue) in two shells. The nucleus is labeled 'Helium'. To the right, there are three control panels: 'Element' showing a periodic table with 'He' highlighted, 'Net Charge' set to 0, and 'Mass Number' set to 4. Below these panels are checkboxes for 'Element Name', 'Neutral/Ion', and 'Stable/Unstable', with 'Element Name' and 'Neutral/Ion' checked. At the bottom, there are three bins labeled 'Protons', 'Neutrons', and 'Electrons' with their respective particles. The PhET logo and navigation icons are at the bottom right.

Follow the self-guided activity for a review of basic chemistry before continuing to the organic chemistry section.

Click to Run