



Atom/Ion Builder – How To Use this Unit

Activity 1

Open the activity by clicking the *Start Activity* link. Students can build atoms and ions using protons and electrons.

Assumption: Neutrons are normally found in the nucleus however neutrons do not affect whether the element is an atom or an ion.

Activity 2

Open the link by clicking the *Start Activity* button. Students can build atoms using protons, neutrons, and electrons.

Assumption: Neutrons are normally found in the nucleus however the number of neutrons in an element can vary. The atoms in this activity are for the most common isotopes of the element.

Activity 3

Open the link by clicking the *Start Activity* button. Students can build atoms and ions using protons, neutrons, and electrons.

Assumption: Neutrons are normally found in the nucleus however the number of neutrons in an element can vary. The atom and ions in this activity are for the most common isotopes of the element.