

## Goals and Assessment

Clarify that the goals indicate what the students should be able to do as a result of the activity. Make sure that students understand that the **Chapter Challenge** is based on these goals.

Goal	Location in Activity	Assessment Opportunity
Relate patterns in ionization energies of elements to patterns in electron arrangements.	<b>Investigate</b> Step 1	Students' answers match those given in Teacher's Edition.
Use your knowledge of electron arrangements and valence electrons to predict formulas for compounds formed by two elements.	<b>Investigate</b> Steps 2-3 <b>Chemistry to Go</b> Questions 1-6	Students' answers match those given in Teacher's Edition.
Contrast ionic bonding and covalent bonding.	<b>ChemTalk</b> <b>Checking Up</b>	Students are able to explain the difference between ionic and covalent bonding.
Draw electron-dot diagrams for simple molecules with covalent bonding.	<b>ChemTalk</b> <b>Checking Up</b>	Students are able to draw electron-dot diagrams for several compounds.