

**Main Ideas, Key Points,
Questions:**

After watching the video segment, write down key points, main ideas and big questions.

Objective(s):

- *To assess what you already know about intramolecular and intermolecular chemical bonding.*

Notes:

During the video segment, use words, phrases or drawings to take notes.

Summary:

After watching the video segment, write at least three sentences explaining what you learned. You can ask yourself: "If I was going to explain this to someone else, what would I say?"

After watching the video and performing any associated labs and/or experiments, you should be able to answer the following:

1. **What caused the taco sauce to remove the oxidation from the penny?**

Read the following statements and write “Agree” or “Disagree” next to each statement. Explain why you agree or why you disagree.

2. **“Metal atoms don’t have full valence electron shells, so they try to gain electrons to fill their outer shell.”**

3. **“When atoms join together, the bond is either covalent or ionic.”**

4. **“Oxygen atoms bond together, but this is not because of an atomic force.”**

5. **“Covalent bonds happen when an electron moves back and forth between two atoms.”**

6. **“Ionic bonds occur when an electron is transferred from one atom to another.”**

7. **“When hydrogen joins with oxygen, a hydrogen bond has been formed.”**