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?”
QUESTIONS TO CONSIDER:
UNIT 4, SEGMENT A

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.”