

Imagine you are an atom looking for a partner. Describe how you would find another atom to form a covalent bond. What qualities would you look for?

You are a matchmaker for atoms! Pair up two atoms that would form an ionic bond. Explain why they are a good match.

Create a comic strip that shows the process of two atoms forming a covalent bond.

Write a short story about two atoms that meet and form an ionic bond. Describe their journey and how they bond together.

Draw a diagram that shows the transfer of electrons in an ionic bond. Label each part of the diagram.

Pretend you are a molecule. Write a diary entry about your day, including how you were formed from atoms bonding together.

Design a poster that explains the difference between covalent and ionic bonds. Use diagrams and examples to illustrate your points.

You are a scientist presenting at a conference. Prepare a speech explaining how covalent bonds are formed.

Create a role-play activity where one student is an atom of sodium and another is an atom of chlorine. Act out how they form an ionic bond.

Write a poem that describes the beauty and complexity of chemical bonding.