

1. Formula of water molecule:



(2 hydrogen atoms + 1 oxygen atom)

2. Bonds inside the water molecule:

- Each hydrogen atom is bonded to oxygen by a polar covalent bond.
- The oxygen atom pulls the shared electrons more strongly, making the O side slightly negative (S-) and the H side slightly positive (S+).

3. Bond between water molecules:

- Water molecules are connected to each other by hydrogen bonds.
- The S+ hydrogen atom of one molecule is attracted to the S- oxygen atom of another molecule.