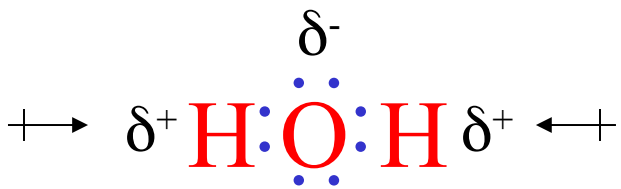
VSEPR

Molecular geometries

H_2O 

4 pairs of valence e- on O tetrahedron

bonds angles 109.5° actually 108°

polar bonds dipole moment H-bonding

H bound to O, N, F = H-bond donor

O, N, F = H-bond acceptor