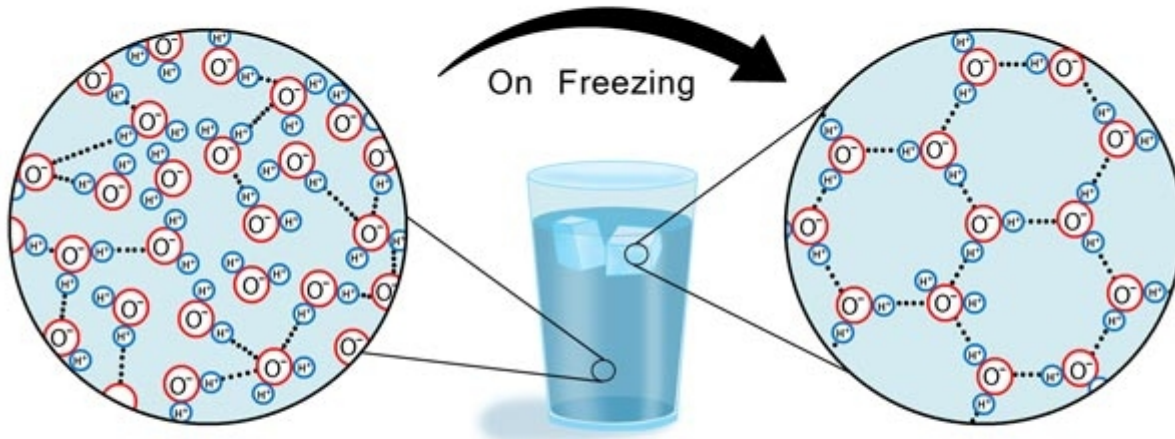


WHY DOES ICE FLOAT ON WATER



In liquid state, water molecules are closely held together by weak hydrogen bonds

On reaching solid state, hydrogen bonds become stable, arranging the water molecules far apart from each other

This causes ice to have a lesser density than water, making it float
