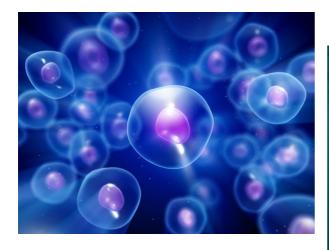
2.2: Properties of Water

- The first <u>cells</u> evolved in water!
- All living things are about 70% water



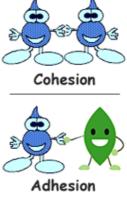




Water has special properties caused by **hydrogen** bonding.

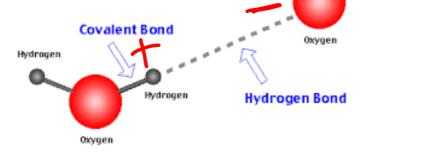
-> Cohesion

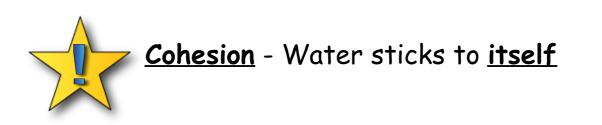
water sticks to itself -> Adhesion watersticks tootherstuff



Hydrogen Bonding

The hydrogen in H_2O has a slightly positive charge and likes to stick to other stuff that's slightly negative like the oxygen in H_2O . This creates a weak attraction like when two weak magnets are held near each other.





-> This gives water a high surface tension, meaning that really light stuff like bugs can walk on water when they spread out their

weight.



