

### Introduction

## Do you know Whote ale co.uk is the most important preview mogued in living organisms?





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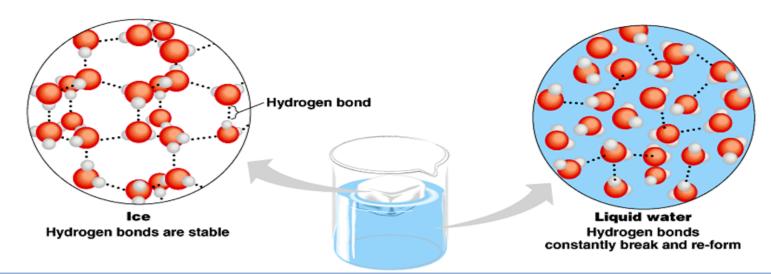
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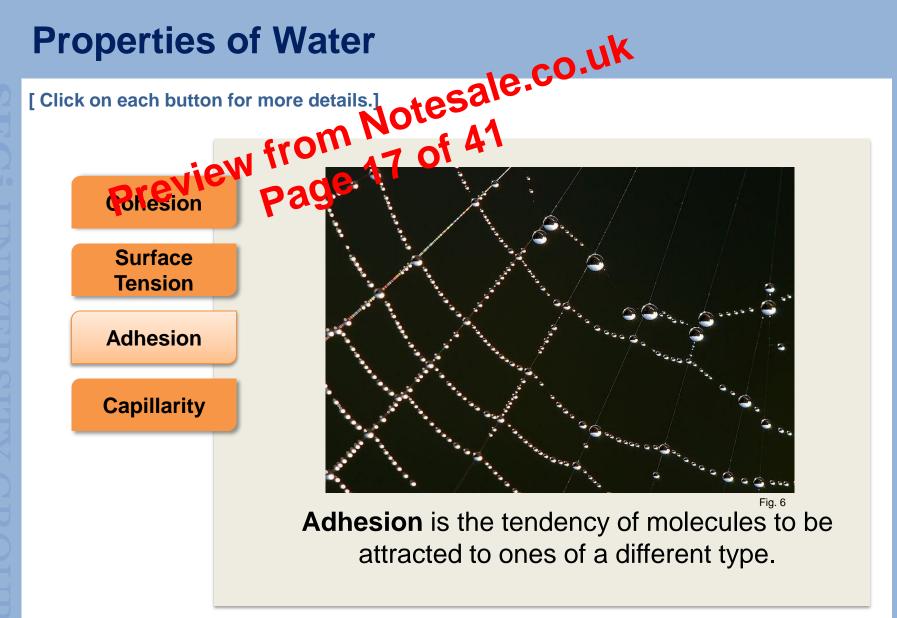
### Water as Universal Solvent (For Polar

- The solvent properties of Meetesale.co.uk are greatest with tespect to pot 41 molecules/because "operes of hydration" are formed around the (dissolved) molecules
  - For example, the Na<sup>+</sup> of salt attracts the negative end of water molecules while the Cl<sup>-</sup> attracts the positive end.

## Water's Polarity Leads to Hydrogen Bonding 2 Water Expands Where Freezes Mater is one potter few substances that expands when it

- - freezes.
  - Ice is less dense than liquid water so it floats as it forms in a body of water. \*most dense at 4° C





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Water

- 2. Water as a Solvent
- 3. Water as a Lubricant
- 4. Supporting Role of Water
- 5. Miscellaneous

**Functions of Water** 

### Water

- Hydrolysis
- Medium for chemical reactions
- Diffusion and osmosis
- Photosynthetic substrate/raw material

#### Notesale.co.uk Source Appendix Figure Fig. Zview capila 8 di https://lmscedars.wikispaces.com/file/view/transpiration Fig. 8 .png/44751713/transpiration.png http://2.bp.blogspot.com/-7PmIZRn4T4E/TntsKrI25TI/AAAAAAAAAAU/k5B4UjU4 Fig.9 CC4/s1600/cohesion.jpg http://www.nanoworld.org/frictionmodule/content/0200makroreibung/06 Fig.10 00adhesionmodel/bild1.gif **Fig.11** http://b3.imgsrc.ru/s/skippythehippy/2/15880632Orx.jpg http://dnr.wi.gov/wnrmag/2009/12/images/ice.jpg Fig.12