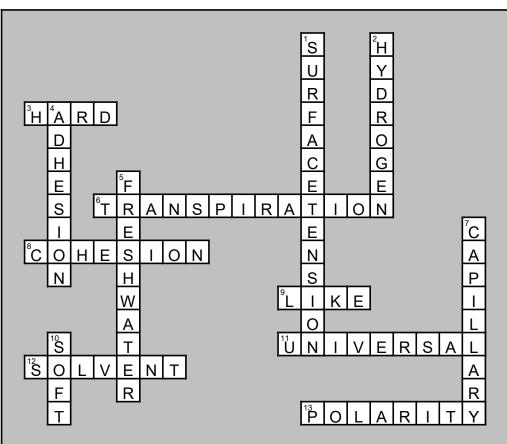
Crossword



<u>Across</u>

- 3. Water that contains a significant amount of dissolved mineral ions (e.g. calcium, magnesium). Corrodes faucets and drain pipes.
- 6. Evaporation from trees. Water rises from the roots to the top of tress and is evaporated out due to cohesion, adhesion and capillary action.
- 8. "Like" molecules stick together. Water has strong ____ due to hydrogen bonding so it forms large drops.
- 9. "____ dissolves like" refers to ionic and polar substances being able to dissolve in water which is polar.
- 11. Water is called the <u>solvent because</u> it dissolves so many substances.
- 12. The substance that does the dissolving. e.g. water dissolves salt.
- 13. Water has a partial negative charge on the oxygen end and a partial positive charge on the hydrogen end. This give water many unique properties.

<u>Down</u>

- 1. Allows formation of a "meniscus"... the surface of water curves in a thin cylinder.
- 2. Bonds that form between water molecules due to its polarity, causing water to have many unique properties (cohesion, adhesion, etc).
- 4. "Unlike" molecules stick together. Water has strong <u>due to hydrogen</u> bonding so it clings to many surfaces.
- 5. The Great Lakes region holds over 21% of ____ on the earth. Water bottling companies use this "free" resource to make money.
- 7. This action allows liquids to go against gravity and climb up thin columns due to cohesion and adhesion.
- 10. Water that makes one feel "slimy" even after a shower because the natural body oils remain since there are few minerals in the water.