

Topic 1.1 – Structure of Water and Hydrogen Bonding

- Water is composed of
- Covalent bond is the term used to describe
- Oxygen is more

- Covalent bonding can result in
- A hydrogen bond is a
- Water can form hydrogen bonds
- When two of the SAME
- When two DIFFERENT molecules form
- The hydrogen bonds
- Cohesion, adhesion and surface tension
- Life depends upon properties of water

Surface Tension

- Surface tension is a

Water's Solvent Abilities

- Water's adhesive

Ability of Ice to float

- Water's cohesive property allows for unique

Water's High Heat Capacity

- Water's cohesive property allows

Capillary Action

- Capillary action is a

Lesson Skill Practice – Visual Representation

Describe the property of water illustrated by the graph in (Figure 1) AND describe a dependency *Micropus salmoides* would have on this property of water.