

GROUP DISCUSSIONS – FUNDAMENTAL CONCEPTS

1. Imagine that you are a water molecule and describe what is happening to you in the situations below?

- a) You are in the middle of a water drop.
- b) You are on the surface of a water drop.
- c) You are in a soap bubble.

2. Imagine a glass filled with water and a paper clip floating on the water. What happens if you carefully add soapy water into the glass? Explain what happens.

3. Water is able to travel against gravity, from the roots of a plant to the leaves at the top of the plant. Explain the movement of water in this phenomenon.

4. Water striders are insects that have the ability to walk across the surface of water. Explain the ability of these insects.

5. Why are water drops spherical?