**Text-Dependent Questions and Writing Prompts for Complex Text**

**Article Title:** Fire Ants Assemble As A 'Super-Organism'

**Vocabulary Question:**

1. According to the text, what is the definition of hydrophobic?

**Text Evidence/Content Questions:**

1. List 2 reasons why a single ant can walk on water.

2. The increased weight of thousands of ants on top of each other should cause the ants to sink,

according to the article, explain how the ants can float as a group.

3. What kind of microscope allows researchers to examine the ant structure on an ant-by-ant level?

4. Why would adding soap to the water drown the ants?

5. Why do you think the queen would be securely protected in the middle of the raft?

6. List one way that research regarding the ant structure could help in other fields.

**Writing Prompt:**

1. Water has unique properties that make it an important substance for life. Describe one way in which the unique properties help ants assemble as a ‘super-organism’.