

Name: _____

Date: _____

Period: _____

The Structure of Fabrics

Often times, looking at objects through a microscope can be surprising. Structures do not always appear as one would expect. This session will explore how different fabrics look under the microscope.

Before the presentation begins answer the following questions.

1. Do you think the fabric of UnderArmor© will be ordered or disorganized? Why?

2. Do you think silk fabric will be ordered or disorganized? Why?

3. Do you think wool fabric will be ordered or disorganized? Why?

Answer the following questions **during and after the presentation**.

1. In the space below, draw a small picture of what the UnderArmor© looked like under the microscope. Was your expectation correct? Why or why not?

2. In the space below, draw a small picture of what wool looked like under the microscope. How did it differ from your expectations?

3. In the space below, draw a small picture of what silk looked like under the microscope. How did it differ from your expectations?

4. Given your observations, what do you think cotton fabric would look like under the microscope? Why?

5. Why do you think UnderArmor© has the type of structure it does?