

Unit 2 Handout _____

Lesson 2: Observing Plant Stems

Purpose: To observe different plant stems to help us understand how two plant groups are different from each other.

Guiding Questions: How do monocots differ from dicots?

Instructions: Observe the slide on a power that will allow you to see the entire arrangement of the cells. Then, draw each arrangement on a drawing sheet. The monocot is the larger sample on the slide.

Take pictures of your drawings and insert them here.

Name

Period

Date

Analysis. Answer the following questions.

1. How are the stems of monocots and dicots different from each other? Use the claim, evidence, analysis format.

Part 2. Having observed the differences between monocot and dicot stems, observe the corn stem slide. Create a scientific drawing of it and then determine if it is a monocot or dicot.

Insert a picture of your drawing here.

Analysis. Answer the following questions.

1. Is this corn plant an example of a monocot or a dicot? Use the claim, evidence, analysis format.