

Cells, Tissues, Organs and Systems
Assignment #9 Plant Fluid Transport

NAME: _____ Date Due: _____

1. What structures in plants help them to move...
 - a. Water _____
 - b. Sugar _____

2. Explain 3 forces that may help water transport in plants.

3. Explain why guard cells open and close.

4. Why is it important to have air spaces between the cells in the middle of a leaf?

5. Complete the chart below.

<u>Structure</u>	<u>Function that it performs</u>
Cuticle	
Guard Cells	
Xylem Vessels	
Phloem Vessels	
Palisades	
Stomates	

- Not completed on due date
- Answers lacked effort and/or knowledge
- Shows little understanding of plant fluid transportation, more studying is needed
- Many or all questions must be redone #’s _____
- Parent signature required or receive 0. 50% with a parent signature and redone

X _____

- Completed with accuracy
- More explanation needed for some answers
- Shows good understanding plant fluid transportation
- More** or a **better** explanation is needed for questions #’s _____

- Completed with detail
- Excellent explanations given
- Shows excellent understanding of plant fluid transportation
- Little** or **no** further explanation is needed Fine tune questions #’s _____

/12