

Agenda for Tuesday, September 29th 2015

Agenda	Homework
<ol style="list-style-type: none">1. Discuss SDRO pp. 25-27 reading2. Kahoot!3. Create Flash Cards for Cell Parts4. Observe your ponds and document any changes	<ul style="list-style-type: none">- Complete the reading check for "Nutritional Needs of Plants" in Schoology by Wednesday, September 30th at 8am.- Complete all cell parts flash cards- Review flash cards- Cell Parts quiz on Friday

Why are we doing this?

Yesterday you created your Fast Plant systems. A major component of your system is the plant food you placed in the soil and reservoir. Today we need to discuss an important misconception about plant food so we know where plants obtain their energy. We also need to discuss the purpose of the plant food: why are we giving it to the plants?

We are going to spend the next 2-3 weeks studying cells. All cells have parts to them that help them carry out important functions and survive. Today we will look at parts called organelles in plant cells and animal cells. We need to know these common parts as we will frequently observe them.

Today's Procedure

1. Discuss as a class the reading we did for last night's homework. Important questions to consider:
 - A. What is food for plants?
 - B. What does plant food contain for plants?
 - C. Why is the term "plant food" misleading?
2. Let's Kahoot!
3. Read pages 68-69 in the IBI textbook.
4. **Handout 17:** Create flash cards (digital or paper) of the major cell parts listed on handout 17. On one side of the flash card, provide the term. On the other side of the flash card, write a description of what that part does.

I finished early, now what?

5. Document any changes in your pond. Take pictures of your pond and insert them into handout 15.
6. Observe your pond water up to 100X with the microscope. Pipettes and cover slips are available on the front table.
7. Optionally complete any of the lesson extensions Schoology (look in the Extensions Folder). This is a good way to challenge yourself with our current topic.