

COURSE: AP Biology

WEEK: September 29 - October 3

TOPIC: Cells

Helpful Support

**Teacher Conference:** 12:55 - 2:40 T & Th**Email:** cswanson@galenaparkisd.com**Phone:** 832-386-2936**Website:** <https://sites.google.com/gpapps.galenaparkisd.com/sciencewithswanson/home>

Times to Remember

Class Schedule

- 1st/6th – 7:00 – 8:30 a.m.
- 2nd/7th - 8:33 – 9:55 a.m.
- 3rd/8th – 9:58 – 11:44 a.m.
- 4th/9th – 11:47 – 1:17 p.m.
- 5th/10th – 2:50 – 1:17 p.m.

Weekly Updates

1. You have to participate daily in this course. Your activity and attendance will be tracked and documented. 10% will be docked for each day work is late.

Monday, 9/29

(1,2,3,4,5)

Frames and Learning Targets:**Science Practice:** 2.A, 3.D**Learning Obj:** ENE 2.A**We will:** cover the molecules of the cell bilayer and relate to function/transport.**I will:** create a foldable of types of transport.**Engage:** Connect the relative membrane permeability data shown in Figure 1 with the changes in membrane potential during stages II and III of action potential in Figure 2**Explore:** Calculate tonicity and water potential using Desmos**Explain:** NMSI lecture notes on transport**Elaborate:** Water Potential Pre lab for Wed. 10/1 and plant tissue selection**Evaluate/Closure:** Foldable & Desmos**Tuesday, 9/3**

(6,7,8,9,10)

Wednesday, 10/1

(1,2,3,4,5)

Frames and Learning Targets: ENE

2.H, 2.I & 2.K

We will: design an experiment to test the osmolarity of different plant tissues.**I will:** make a claim, justify my claim and provide scientific reasoning for my claim.**Engage:****Explore:** Set up experiment to test water potential of selected plant material**Explain:****Elaborate:**
Complete CER from data collected**Evaluate/Closure:** Graphs and CER**Thursday, 10/2**

(6,7,8,9,10)

Friday, 10/3

(6,7,8,9,10)

**Notes for
Next Week**

-
-
-

