

COURSE: AP Biology

WEEK: September 22 - September 26

TOPIC: Cells Unit

Helpful Support



Teacher Conference: 12:55 - 2:40 T & Th

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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, 9/22

(1,2,3,4,5)

Frames and Learning Targets:

Science Practice: 6.A

Learning Obj: SYI 1.E

We will: research the structure & function of assigned organelle

I will: develop a dating profile for my assigned organelle.

Engage: With as much detail as possible explain why DNA from different organisms can be used to determine relationship and evolutionary past.

Explore: Create a tinder profile of an assigned organelle

Explain: Organelle soiree where you meet potential organelle dates looking for a match.

Elaborate:

Choose an organelle to go on a date with and provide details of the first date based on you and your date's functions.

Evaluate/Closure: Rank your top three potential "organelle dates"

Tuesday, 9/23

(6,7,8,9,10)

Wednesday, 9/24

(1,2,3,4,5)

Frames and Learning Targets:

Science Practice: 6.A

Learning Obj: SYI 1.E

We will: research the structure & function of assigned organelle

I will: develop a dating profile for my assigned organelle.

Engage: With as much detail as possible explain why DNA from different organisms can be used to determine relationship and evolutionary past.

Explore: Create a tinder profile of an assigned organelle

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Elaborate:

Choose an organelle to go on a date with and provide details of the first date based on you and your date's functions.

Evaluate/Closure: Rank your top three potential "organelle dates"

Thursday, 9/25

(6,7,8,9,10)

Friday, 9/26

(1,2,3,4,5)

Frames and Learning Targets:

Science Practice:

Learning Obj:

We will: learn the various molecules that make up the structure of plasma membranes.

I will: make a claim about membrane structure and permeability from real world data.

Engage: Describe ONE structural feature of the plasma membrane of the motor neuron that regulates the permeability of the plasma membrane to Na^+ and K^+ during an action potential

Explore: Edpuzzle

Cell Membrane Structure and...

Explain: NMSI notes on membrane structure

Elaborate: Connect SA/V ratios and membrane permeability using Desmos

Evaluate/Closure: Permeability Claim from real world data

Notes for

Next Week

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