

LIFE 2 CELLS

SCIENCE 8

OCTOBER 2019

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Name _____

Period _____

Happy Halloween!

Thu

28

Introductions:

Cell Theory:

Watch the Intro to Cell Theory Video.
Fill in Calendar Back

Plant & Animal Cells:

"Plant & Animal Cells in Under a Minute"
Watch Video. Fill in Calendar Back.

Microscope Parts

Science → Microscope →
Microscope Parts Quiz

Plant Cell Lab:

Handout
Focus and Drawing

If Time:

Science → Life → Cells →
Mr. W's Cell Song _____
Pearson's Cell Activity _____
Google Classroom →
Cell Diagram: Start _____
Cell Theory Timeline _____
Animal Cell Lab _____

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Plant Cells Photo:

Label the parts.
Use a sharp pencil and a **straight edge** to **extend the lines** by each label to label the cell parts in the Plant Leaf Cells photo. →

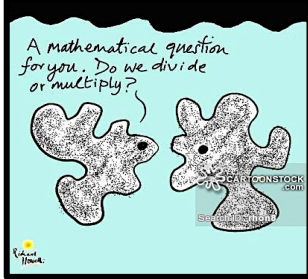
Do not cross any lines. (Plan ahead.)

Cell Wall _____
Cell Membrane _____
Chloroplast _____
Cytoplasm _____
Nucleus _____
5 _____



Plant Leaf Cells

Yes.. Another cartoon 4 u.



Explain ↓

Cells reproduce by cell division. We also call it multiplication, because the result is x as many cells.

Do the math!
If 1 cell reproduces for 5 generations, there will be cells;
10 generations? cells.

Points Objective + Grade

Cell Theory + Plant - Animal Cells
(Calendar Back)

Cells Cartoon + Cells Photo
(Calendar Front)

Microscope Parts Quiz

Plant Cell Lab

Extra

Quizzes:

Write # Correct/Score
Initial in Color

Mon _____

Tues _____

Wed _____

Thur _____

Total _____

Central Science Home Page

www.plyter.com/science

→ Life → Cells →

Plant and Animal Cells in Under a Minute
Intro to Cell Theory (Discovery Education)
Mr. W's Cell Song
Pearson's Cell Activity

→ Microscope Microscope Parts Quiz

Google Classroom → Cell Diagram

Cell Theory Timeline Class Code: yzbzxh

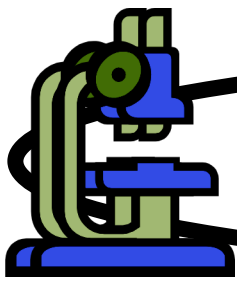
Daily Quiz: Practice Tests →

mygradebook.com: plyter20 + Your ID#

Discovery Education: Intro to Cell Theory

Username = 24yearlastf Student #





OBJECTIVE:

Write the Objective: _____

Your Grade for Last Week:	
Yours	Required
Objective + Grade	10
Snow	15
Life Chart	25
Venn Diagrams	35
Daily Quizzes	35
Organization	25
Extra	
Total	145
Yours / Required X 100 = %	
_____ / 145 X 100 = _____	
% Grade in Gradebook _____	
Last week my grade went	
↑? or ↓? _____	
<i>Need more points? Ask!</i> <i>? on your calendar? Ask!</i> <i>Hand in Late! Do "If Time".</i>	

Cell Theory: Watch the **Intro to Cell Theory** Video. Find it at →Life→Cells Page, or Discovery Education

Before the _____-scope, people believed in **Spontaneous** (sudden & unexplained) **Generation** (start of life). They thought living things came from nonliving things. They thought _____ came from _____, and _____ came from _____. The **Cell Theory** was developed _____ (before/after?) the microscope. Scientists could then see tiny parts of living things they named _____.

The **Cell Theory** says **CELLS** are the basic unit of **life and all living things**. The **Cell Theory** has three parts:

- All living things are made up of _____
- _____
- Cells **ONLY** come from _____

Plant & Animal Cells: 1) Watch the video, Plant & Animal Cells in Under a Minute. science→Life→Cells→. 2) View cells in the Microscope. 3) Use the Text. 4) Search.

Organelle	Eukaryotes (have a nucleus)		Organelle Function (What does it do?):	Is it Found in Prokaryotes? (have no nucleus)	Did you see it in the microscope in the Plant Cell Lab?
	Found In Plant Cells?	Found in In Animal Cells?			
Nucleus	Yes	Yes			
Mitochondria					
Chloroplasts					
Vacuoles					
Cell Membrane					
Cell Wall					
Cytoplasm					
DNA					



To better understand the Cell Theory and the responsibilities of cell organelles (parts) through the use of microscopes, observations, drawings, models, references & photos.