Name _____

Cell Layered Unit Assignment Sheet

This is your Completed sheet for the Cell Unit. As you receive your graded work, put a checkmark in the completed box. When you have completed a Part, move to the next Part. When you have completed an entire Layer, move on to the next layer.

Introductory Assignment (Required of all students)

Assignment	Completed
Read the magazine *Kid's Discover Cells.* Review the assignment sheet and select one assignment.	

C-Layer Assignments (Basic Understanding)

Part I

To complete this part of the assignment, you must successfully complete ***four (4)*** assignments.

Assignment	Completed	Can Work With Partners
Watch two cell videos. Write a review of each video.		
Make vocabulary flash cards for each vocabulary word (word on front, definition on back).		
Using *Discovery Channel PuzzleMaker*, make a criss-cross puzzle and have four students complete it.		
Read two books on cells. List ten things you learned from each book.		

Draw three funny cartoon strips that include three different cell organelles.		
Complete the *Help Wanted* worksheet.		
Read *The Life of a Cell.* Complete the book report assignment.		
Make a cell mobile.		

Part II

To complete this part of the assignment, you must successfully complete ***four (4)*** assignments.

Assignment	Completed	Can Work With Partners
Complete the *Coloring the Animal Cell* worksheet.		
Complete the *Coloring the Plant Cell* worksheet.		
Complete a Venn Diagram comparing and contrasting a plant & animal cell.		
Design a bulletin board about animal cells.		
Design a bulletin board about plant cells.		
Write a news article explaining animal cells.		
Write a news article explaining plant cells.		
Make a torn paper model of an animal cell.		
Make a torn paper model of a plant cell		
Make a watercolor resist picture of an animal cell		
Make a watercolor resist picture of a plant cell		

B-Layer Assignments (Application/Analysis)

Part I

To complete this part of the assignment, you must successfully complete ***three (3)*** assignments.

Assignment	Completed	Can Work With Partners
Make a 3-D model of an animal cell.		Yes
Make a 3-D model of a plant cell.		Yes
With a partner, complete the "Cell City Project."		Yes
Design and produce a travel brochure as if the cell were a large exhibit or an amusement park.		Yes
Write a children's book about cells.		Yes
Complete the *Build a Membrane* activity.		
Complete the *Cells Analogies Collage.*		Yes
Make a trading card for each cell organelle.		Yes
Complete *Cell Cinquain* assignment.		
Complete the *Cell Project* activity.		Yes
Make a poster. Relate cell organelles and their functions to something you already know a lot about. For example, draw connections between cell parts and function to the parts of a car. Arrange your connections on a poster for everyone else to see.		Yes

Part II

To complete this part of the assignment, you must successfully complete ***three (3)*** assignments.

Assignment	Completed	Can Work With Partners
Complete the *Construction Zone* activity.		Yes
Complete the *It's a Small World* activity.		Yes
Complete the *What's Inside a Cell* activity.		Yes
Complete the *Cell Observation Exercise.*		Yes
Complete *Comparing Plant and Animal Cells.*		Yes
Complete *Exploring Cell Size.*		Yes

A-Layer Assignments (Critical Thinking)

To complete the A-Layer, select ***two (2)*** assignments.

Assignment	Completed	Can Work With Partners
Which cell organelle is most important for your health?		
Research how we learned about the cell. Identify key people and their discoveries. Make a time line with names and dates using ***at least*** two sources.		
Which three scientists came up with the Cell Theory? Did they work together? Did they help each other?		
Make a PowerPoint about the cell.		Yes
Make a video about the cell.		Yes

Imagine that you work for the Unemployment Office or a "headhunter" agency as an employment consultant. Select one of the scientists who contributed to modern cell theory is out of work and needs some help writing his resume. It is your job to help him do this so that he can find a job. (Before starting, do some research on this scientist's achievements and on resume writing.)		Yes
Create an ad campaign for one of the organelles. Assume you are selling it to aliens who wish to visit earth. What good will it do them? Why do they need it? Why is it the best organelle to have? Presentation ideas: poster, video tape, musical jingle. (M&Ms melt in your mouth, not in your hands; Just Do It!; Do the Dew)		Yes
Other. Create your own project or research question and have it approved by Mr. Hill. Before bringing the idea to Mr. Hill, type or write on paper the following things: 1. Title of the project. 2. Explain how the project is related to cells. 3. The main points that will be included in your report/presentation.		Yes

Many of life's failures are experienced by people who did not realize how close they were to success when they gave up.

-Thomas Edison