

Cells Project 2011
PBL

My organelles _____

My Project ideas: _____

You will form a group of 3-4 people. Each person in the group is responsible for researching 3-4 organelles of the cell. Once you research your organelles, you will decide how to present it. When your group presents your project you will be presenting one whole PLANT or Animal cell and how all of the organelles work together.

Timeline

1/25 – Introduce project

1/26 – Research Try out Different Presentation Websites
(Computer Lab B)

1/27 - Cells (Bill Nye) Begin Cells Vocabulary Set Up Groups and What Kind of Presentation

1/28 - Research (Computer Lab B)

1/31 – Last day to research!

2/1 – Research Packet DUE – Computer Lab C for project work time

2/2 – Project Work Time Computer Lab C

2/3 – Body Story: Breaking Down Class Time to Finish Vocabulary

(Not a project day)

2/4 - Body Story: Out of Control Begin Cells guided Notes

(Not a project day)

2/7 – LAST DAY TO WORK !!! Project due end of class. Sign up to present!!!

2/8 – Presentations

2/9 – Presentations

2/10 – Presentations

Please note!! These dates are subject to change!!

Research Packet Cells Project 2011

Name _____ Hr _____

Directions – Using the library, internet and your textbook you must research the following questions on your organelle. Don't forget to include your sources (3 internet, 2 print TOTAL). You may have 2-3 organelles!!

Group Members _____

#1 Organelle _____

In what type of cell is the organelle found?

What is the organelles composition or structure? (Diagram or drawing of it)

What is the function? Why is it important?

What are the mechanisms (parts) of the organelles functions?

What would happen to the cell's function if it did not have the organelle?

Internet or Print sources for this organelle

#2 My organelle _____

In what type of cell is the organelle found?

What is the organelles composition or structure? (Diagram or drawing of it)

What is the function? Why is it important?

What are the mechanisms (parts) of the organelles functions?

What would happen to the cell's function if it did not have the organelle?

Internet or Print sources for this organelle

#3 My organelle _____

In what type of cell is the organelle found?

What is the organelles composition or structure? (Diagram or drawing of it)

What is the function? Why is it important?

What are the mechanisms (parts) of the organelles functions?

What would happen to the cell's function if it did not have the organelle?

Internet or Print sources for this organelle

#4 My organelle _____

In what type of cell is the organelle found?

What is the organelles composition or structure? (Diagram or drawing of it)

What is the function? Why is it important?

What are the mechanisms (parts) of the organelles functions?

What would happen to the cell's function if it did not have the organelle?

Internet or Print sources for this organelle

Starting your Cell Project Research

Your job is to become an expert on the organelles of the cell you are researching (Plant or Animal Cell) that you are going to research. Together, you are going to use that information to create an interesting and creative presentation/lesson to teach the class about the organelle functions of the cell and how they all work together.

Remember that you need **4-5 sources** for your research. **2 sources** need to be "**Print**" Resources. These can be found by going to the Middle School South Webpage and clicking on **MEDIA CENTER**. You can click on the **RESEARCH** tab and Choose the **E-LIBRARY** to search (Not all articles will have what you need!

Also click on the Encyclopedia tab on the left and use **Brittanica Online** and **World Book Online** to find information.

Write your information in your own words and record the **EXACT** source on your notes sheet.

You can also do a web search to find **3 non-print sources**. **Write the exact Webpage (NOT GOOGLE OR YAHOO)** that you get information from. Some sources might say similar things, but some will have more information than others. When you are done you will have information on **EACH** organelle that you can use for your presentation or lesson.

Plant Cell

Cell Membrane
Nucleus
Mitochondrion
Ribosomes
Endoplasmic Reticulum
Golgi Bodies
Vacuoles
Chloroplasts
Cell Wall
Cytoplasm

Animal Cell

Cell Membrane
Nucleus
Mitochondrion
Ribosomes
Endoplasmic Reticulum
Golgi Bodies
Lysosomes
Vacuoles
Cytoplasm