Objective: Review cell structures and their function

Reading Strategy: Students take 4 column notes during final PowerPoint presentations
Word/picture wall of final organelle presentations

The 4 column note headings were:

<table>
<thead>
<tr>
<th>Name of structure</th>
<th>Characteristics</th>
<th>Location in cell</th>
<th>Interesting facts</th>
</tr>
</thead>
</table>

This is the culminating activity to our study of the cell. The food service classes make the cakes for our final presentations. There is one cake provided for each class. It is the job of the students in the classes to provide the cell structure decorations. The structures included: cell membrane, cytoplasm, nucleus with nucleoli, mitochondria, endoplasmic reticulum, ribosome, lysosome, centrioles, and Golgi body.

Pictures are taken of the students with their organelles. These pictures are used to make a word/picture wall of the cell structures.

Edible Cell

Project/ Test Grade

Students will work in groups of two or three to complete the following:

Our room will become a living cell- The walls of the room represent the cell membrane-

1. Make a model of your cell organelle - 45 % of grade
   -the model should be 3-D
   -You should be able to hang the organelle by fishing line from the tiles in the ceiling
   -The name of the organelle should be attached to your model. The name should be large enough to be seen by students in the room
   -The model should be light enough to hang from the ceiling- Ex. Don’t use a “brick” for your model of the mitochondria

2. PowerPoint presentation on your organelle – 45 % of grade
   -you must have at least 5 slides
   - Slides should contain a picture and not all text
   - On your slides describe characteristics, location, and function of your organelle
- Include interesting facts about the organelle- Is it related to a specific disease or disorder of the body?

3. Edible organelle – 10 % of grade
- make your organelle out of something that can be placed on a cake and eaten
- The item should resemble the organelle- not just a bag of candy you picked up on the way to school

Each class will have one sheet cake on which to assemble the organelles. After we get pictures of the cake you get to eat the cake!!!!!