

Name: _____

CELLS CHOICE BOARD

CELL AMUSEMENT PARK:

- Create an organelle amusement park brochure OR a model of the amusement park.
- The park must include attractions, shows, dining, shopping, and walkways.
- Name your amusement park and clearly label all of the parts that relate to the cell.
- Either on your brochure or a separate sheet of paper, include all amusement park attractions and explain how they correlate with the different parts of a cell.
- Your amusement park should represent a PLANT CELL.

BUILD OR BAKE A MODEL OF A CELL:

- For this project, you will build or bake a model using whatever materials you want to represent organelles in a cell.
- You must have an object or food item in your model represent every organelle in your cell. Pay attention to where they go in your model, what they look like, their size, etc. They should be representative of the real organelles in a cell.
- Attach a piece of paper to your model explaining what item represents each organelle.
- To demonstrate your knowledge of each organelle, please include their function in your sentences.
- Your model should represent a PLANT CELL.

WRITE A CELL STORY:

- To help you remember the functions of the organelles, you will be using the organelles and their function to write a CREATIVE story. In your story, you must include at least 7 organelles and their jobs. While you are writing, be sure to underline the organelles and their jobs in the story.

CREATE A 30 QUESTION TEST:

- Write 30 test questions about animal and plant cells, their organelles, and their structures.
- You should have at least two questions about every organelle and structure.
- Your test should include different types of questions (at least 3 of the following): multiple choice questions, true false questions, fill in the blank questions, matching questions, short essay questions, etc.
- Your test should be free of spelling errors and be "ready" to give to students.
- Turn in an answer key with your test.

WRITE YOUR OWN CELLS RAP OR SONG:

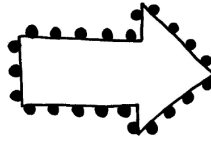
- Clearly indicate whether you are singing about an animal or plant cell, or sing about both.
- All lyrics must be written out, and you must perform your song in front of the class. 😊

USE TECHNOLOGY:

- Use technology to create a lesson about animal and plant cells.
- Technology Ideas Include:
 - PowerPoint Presentation, Prezi, PowToon, or Emaze
- Your presentation must include all cell part requirements and background information about cells.
- Be Creative! Include pictures, interactive links, or video clips!

PROJECT REQUIREMENTS:

All projects must include these cell parts:



Nucleus
Cytoplasm
Cell membrane
Cell Wall (plant cells)
Chloroplasts (plant cells)

Other Organelles (Include at least 2):

Vacuoles
Mitochondria
Golgi Bodies
Ribosomes

Due Date: _____

Parent Signature: _____

Cell Amusement Park Grading Rubric	Points
7 Rides or Locations Labeled	____/7
7 written explanations that include the organelles and their functions in a cell	____/7
Creative Park Name	____/2
Colorful	____/2
Neatness and Creativity	____/2
Total	____/20

Build or Bake a Cell Rubric	Points
7 organelles represented in the model and clearly labeled	____/7
7 written explanations that include the organelles and their functions in a cell	____/7
Creativity and Craftsmanship	____/4
Neatness	____/2
Total	____/20

Cell Story Rubric	Points
7 organelles are described in the story.	____/7
The story includes written descriptions of the organelle functions	____/7
Story has at least 4 paragraphs	____/4
Includes correct organization, style, and conventions	____/3
Total	____/20

Cell Test Rubric	Points
30 Fifth Grade Level quality questions are written about animal and plant cells, organelles, and their functions.	____/2
At least 2 questions about every organelle and their structure	____/14
Includes at least 3 different types of questions	____/3
Includes Answer Key	____/1
Total	____/20

Cels Rap	Points
7 parts of a plant or animal cell are included in the song	____/7
7 written explanations that include the organelles and their functions in a cell	____/7
Creativity	____/4
Performance	____/2
Total	____/20

Use Technology Rubric	Points
7 organelles are represented in the lesson	____/7
7 written explanations that include the organelles and their functions in a cell	____/7
Includes background information about cells	____/4
Creativity	____/2
Total	____/20