

Biology Cell Choice Board

Name: _____

Date: _____

Period: _____

<p>Draw and label both a plant and an animal cell with all of the appropriate organelles.</p>	<p>*Make a paper lift-the-flap style model of a plant or animal cell including all of the organelles for that cell. Label each organelle name under its flap and include the functions of each organelle on the back of the model.</p>	<p>Make a list of body parts that serve the same function as each of the organelles. Your list should be in the form of a chart. The first column will list the organelle, the second will have the corresponding body part, and the third will show how they are alike or different.</p>	<p>*Make a children's book about the organelles of plant and animal cells, with a different organelle on each page. For each organelle, include the name of the organelle, its function, the type of cell it is found in, and a picture.</p>
<p>Create a 10-question multiple choice quiz. Include an answer key.</p>	<p>*Create an organelle amusement park map brochure (3-4 panels) for a park which has attractions, shows, dining and shopping. For example, you might want visitors to ride the Ribosomes Rampage so they can watch proteins synthesize before their eyes. Include each organelle and its function in a ride, show, restaurant or shopping area.</p>	<p>Pick an organelle and write a short story called "A Day in the Life of a _____." Include at least 3 organelles in your story.</p>	<p>*Make a three-flap foldable that shows the two different types of cells. The first two flaps should feature prokaryotic and eukaryotic cells, with the name and a picture on the front of the flap and a description on the inside of the flap. The third flap should compare plant and animal cells, with a title on the front of the flap and a comparison on the inside.</p>
<p>*Create a fictional city where each part of the city represents an organelle in the cell. You may choose either a plant cell or an animal cell for your city. Label all the city parts, the organelles represented and WHY you chose it to represent that part of the city. For example, the city garbage department would be the lysosomes because it takes care of the trash.</p>	<p>Create a song, rap, or poem illustrating the job of at least one organelle in the cell.</p>	<p>*Create a "Cell Catalog" for a plant cell. Each organelle should have a drawn and colored picture, a description (sales pitch) describing what it does or why it is important, and a price. The catalog should have a cover and a table of contents.</p>	<p>Create a set of flashcards for at least 15 different vocabulary words relating to cells and their organelles.</p>
<p>*Make a 3-dimensional model of a cell. You may choose to make your model out of anything you want, EXCEPT FOOD, but it must contain all cell organelles. Include a legend or key for your model.</p>	<p>Create a Venn diagram comparing and contrasting prokaryotic and eukaryotic cells.</p>	<p>*Make a fictional Facebook account for your favorite organelle. Include their friends, pictures, and recent status updates.</p>	<p>Create a crossword puzzle with at least 10 different words and hints for each word. Include an answer key.</p>

Please use the following cell choice board for 2023-24 NTI days #1-10. The activities are not listed in any particular order and can be chosen randomly. Please label each box on the choice board that you complete with the NTI day, example NTI Day #1. Each completed assignment should be done on a separate sheet of paper with the NTI day, your name and date at the top.