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| **FLASHCARDS:**   * Create flashcards for each organelle found in a plant and animal cell. * Your flashcards need to include a picture on one side and the name and function of the organelle on the other side. | **WRITE A STORY:**   * Pick an organelle found in a plant or animal cell * Write a story, “A Day in the Life of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.” * Make sure it is at least 1 page long * Your story needs to include at least 7 other organelles. | **“WHO AM I?”**   * Create a “Who am I?” Game * Use all the parts of an animal or plant cell * Write 5 clues for each part. * Start with hard clues and the last being the easiest clue. |
| **CELL REVIEW GAME**   * Create a Cells Review Game * It can be electronic (Jeopardy, Who Wants to be a Millionaire?, Kahoot!, Quizizz, Password Game) or a board game (Monopoly, Life, Candy Land) * Your game should include information on cells, their organelles, and their structures. * You should have at least 2 items about every organelle and structure. * If you choose to do a board game, make sure you include game pieces. | **CREATE A 30 QUESTION TEST ABOUT CELLS:**   * Write 30 test quality questions about cells, their organelles, and their structures. * You should have at least two questions about every organelle and structure. * Design a test that you and your 7th grade life science classmates could take. * 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 A CELL RAP/ POEM/ or SONG:**   * Write a poem, rap, or song about a cell and all of its organelles. * Your poem, rap, or song should include information about all the cell organelles and structures and what they do in a cell. * You will turn your rap/poem/ or song in on a piece of paper and will have the option to either perform your piece at Office Hours for your teacher or in front of the entire class. * Your poem, rap, or song should rhyme! |
| **CELL CITY:**   * Design a colorful city that represents a cell. You will compare the parts of the city to the organelles of a plant or animal cell. * Decide what part of the city each organelle represents. * On a piece of poster paper, draw the layout of your city in color and with labels. Go over all your labels in pen. Come up with a creative city name. * Attach a piece of paper to your poster that explains why each part of the city represents a certain organelle. Here is an example of a explanation sentence: “The city hall represents the nucleus because it is the control center of the city. This is similar to a nucleus’ job, which is to control a cell.” * Keep in mind the part of the city’s job should be similar to the job that the organelle does for the cell. An explanation of this should be included in your sentences. | **ORGANELLE WANTED POSTER:**   * Make a wanted poster that shows what the organelle looks like, what it does, and what type of cells it is found in. * Draw a picture of the cell part with an Old West villain looking twist to it. * Give the cell part a villainous cowboy name related to its own name. * Write a description of what the cell part looks like (part real/part cowboy) Be sure to tell what kind of cells it is found in. * Tell where the organelle is likely to be found (part real/part cowboy) * Describe what the organelle’s real job is for the cell. * Create and describe how the outlaw cell did its job in a criminal way. * Make up an amount offered for your outlaw organelle. | **BUILD or BAKE a CELL:**   * For this project, you will build or bake a model using whatever materials you want to represent all the organelles in a plant cell. * You must have an object or food item in your model to 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. Here is an example of an explanation sentence: “The large cookie in the middle of my dish represents the nucleus because it is a large organelle in the middle of the cell. The nucleus is the control center of the cell and also stores DNA (which are the sprinkles on my cookie)!” * To demonstrate your knowledge of what the organelles DO, please include their **function** in your sentences. |

**Cells Choice Board**

Your assignment is to complete 3 of the above activities to learn about Cells. You must choose 1 activity from the top row, 1 activity from the middle row, and 1 activity from the bottom row. This assignment will be due: