

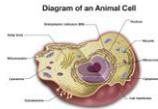
Science Menu: Cells

DIRECTIONS:

Choose activities from the following options to deepen your understanding of plant and animal cells. You must follow the directions for each activity to get full credit. The introduction activities and building task activity will be combined together for one score.

SSL3. Students will diagram and label parts of various cells (plant, animal, single-celled, multi-celled). b. Identify parts of a plant cell (membrane, wall, cytoplasm, nucleus, chloroplasts) and of an animal cell (membrane, cytoplasm, and nucleus) and determine the function of the parts.

Introduction (Pick Two, 20 points each)	Building Task (Choose One, 60 points)	Product (100 points)
<p>Watch the following Brain Pop video on Cells. Take the quiz at the end and submit it to your teacher. You MUST either show the teacher the webpage when it is complete, take a picture of your results OR print the results of your quiz.</p> <p>http://www.brainpop.com/science/cellularlifeandgenetics/cells/</p> <p>If you can't get the site to pull up, go to brainpop, login, type in a search for "cells". Then go to "cell structures". It should state the link address in the toolbar as shown on the link on this paper. Make sure you are watching and testing correct video.</p>	<p>Watch the following video on cells and their structures.</p> <p>Use this login information: jenniferpritchett PW: Baron123</p> <p>https://app.discoveryeducation.com/learn/videos/7BC45B5C-4DD5-4C18-BAFE-4EA75135BC52</p> <p>Create a poem about plant and animal cells and their structures. Make sure to identify the highlighted structures above.</p>	<p>Choose either a plant or an animal cell and create a model of the cell you chose. It must be 3-dimensional. This means it needs to have a front, back, and sides. It cannot be a piece of paper with things glued on it. Make sure to include all the main structures of the cell and the function of each. You will need to use materials you have at home or materials found in the classroom.</p> <p>All parts must be labeled clearly in order to receive credit. Your representation of the organelles must be similar to the ones seen in your chapter. For example, your nucleus can not be square. Be unique and creative! You will be given a rubric to follow if you choose this task.</p>
<p>Watch this video on cell structures and listen for the difference between Plant and Animal cells.</p> <p>http://www.schooltube.com/video/5883521fda9293df5bc9/Bill-Nye-on-Cells</p> <p>Six minute video</p> <p>Create a Venn Diagram with at least 5 similarities and 5 differences between a plant and an animal cell.</p>	<p>Cell Rap: Watch the cell rap and learn the rap. Then you will use an iPad to create your own version of the rap. Make sure to include the main difference between a plant and animal cell, all the structures and their functions. ☺ Use your headphones!</p> <p>https://www.youtube.com/watch?v=Yu21ShnKhHk</p> <p>OR</p> <p>https://www.youtube.com/watch?v=-zafJKbMPA8</p> <p>OR</p> <p>http://www.teachertube.com/video/cell-rap-125855</p>	<p>Choose either a plant cell or animal cell. Then create a short story where the characters are the various cell parts. Your storyline can be as creative as you wish, but the cell parts MUST play the role they play in cells.</p> <p>Make sure to answer the essential questions on a separate sheet. Answers must be written in complete sentences and answered correctly:</p> <p>What is the main difference between and plant and animal cell?</p> <p>What structures are important to understand in a plant and animal cell?</p> <p>You will be scored as follows:</p> <p>_____ Essential questions are answered correctly and with complete sentences (10 points each)</p> <p>_____ Colorful and organized (10 points)</p> <p>_____ All cell parts are included (10 points)</p>

	 <p>Diagram of an Animal Cell</p>	<p>_____ All the cell parts are represented correctly and clearly (30 points)</p> <p>_____ Storyline makes sense and follows a logical sequence (30 points)</p>
<p>Complete the assigned lessons on cells on Moby Max.</p>	<p>Research Plant and Animal Cells on the internet. Find a picture of a plant and animal cell and draw one of each in your interactive notebook. Be sure to color the pictures and label them with the appropriate names. Create a title and check over your spelling.</p>	<p>Create your own project demonstrating your understanding of S5L3. Your project must be at DOK Level 3 or 4 and must be approved by the teacher before beginning.</p>