

Grade 6

Distance Learning Module 2: Week of: April 6th

Content Area: Science *Modified from [Unit # 3 Human Body Movement](#)*

Targeted Goals: *Develop and use a model to describe the function of a cell as a whole and ways parts of cells contribute to the function. Within cells, special structures are responsible for particular functions, and the cell membrane forms the boundary that controls what enters and leaves the cell.*

Content Knowledge: *Cells have organelles and other structures that help them survive, grow, and meet their needs.*

Vocabulary: *organelle, nucleus, chromosome, cell wall, cell membrane, mitochondria, vacuole, chloroplast, DNA, cytoplasm, unicellular, multicellular*

Skills: *Develop and use a model to describe the function of a cell as a whole and ways the parts of cells contribute to the function.*

Expectation: *Identify and determine the roles of organelles in a cell and create an analogy based environment that aligns with each organelle's job.*

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
Monday: Learn about the different organelles in the cell and their functions. Watch the videos and define the various organelles.	Cell Organelle Vocabulary Cell Organelle Rap Cell Video Harvard Mosa Mack Cell Video	Mosa Mack Cell Detective Google Form Complete while watching video
Tuesday: Practice the jobs of the various organelles online. Review the jobs of the organelles in the cell and read about the "Cell Environment Project."	Organelle Game Cell Environment Project	Enter your score on Organelle Game Score Google form.
Wednesday: * Two-day project due on		Cell Environment Substantiation Your teacher

Description of Task (s):	Resources and Materials:	Daily Checks (Return to Google Classroom or snapshots from a cell phone)
<p><i>Thursday*</i></p> <p>Begin planning and working on your Cell Environment Project. Pick your environment and start deciding what item will correlate with each organelle.</p> <p>Decide on the medium that you will use to share your learning. You can create a poster that can be photographed and submitted, create google slides for each organelle (example)</p> <p>Example: School "Cell" Cell wall (outer building walls), cell membrane (inner sheetrock walls), cytoplasm (air), nucleus (principal), vacuoles (storage closets, lockers, water fountains, cafeteria), mitochondria (furnace, PE class, students), chloroplasts (window, skylights), DNA/Chromosomes (Rule book, Code of Conduct)</p>		<p>will share a doc with you via Classroom Assignments (in Google Classroom). Be sure to "Turn It In" on Friday.</p> <p>If you do google slides, please include your substantiations on your slides. If you create a poster/drawing, please submit this google doc along with a picture of your poster. Be sure the picture is clear enough for us to read, submit multiple if it works better.</p>
Thursday: Complete work on Cell Environment Project.	Cell Environment Expectations	Complete your project by Friday. Submit Google doc and picture if you drew, complete slides.
Friday: Good Friday No School		

Week criteria for success (attach student checklists or rubrics):

Complete:

- ❑ Mosa Mack Cell Detective
- ❑ Certificate from Organelle game
- ❑ Cell Environment Project and Substantiation

Supportive resources and tutorials for the week (plans for re-teaching):

The parts of a cell

example of the cell environment project

Organelle sketchnotes