

# Unit 1 Lesson 1 Alternative Assessment

You may utilize technology to compile, create, and present the assessments but you may not copy activities or information from the Internet. This is YOUR assessment. Your parents are only to assist you with technology or gathering certain materials if needed. *You* need to do the work.

## Lesson 1: The Characteristics of Cells

*Choose three quick activities from the table below. Check the boxes you plan to complete. They must form a straight line in any direction (tic-tac-toe style).*

<p><u>      </u> <b>Historical Cell Fiction</b> Research information on the scientists who contributed to the cell theory. Then, write a fictional story in which the scientists meet and discuss their ideas about cells.</p>	<p><u>      </u> <b>Something in Common</b> On one half of a piece of paper, draw a eukaryotic cell and label its major parts. On the other half, draw a prokaryotic cell and label its major parts. Use a brightly colored pencil or pen to connect the common parts between the two drawings.</p>	<p><u>      </u> <b>A Great Adventure</b> Pretend you are running an amusement park. All of the rides are built to resemble structures found within a eukaryotic cell. Write a guidebook describing each ride and what it does. Include a color-coded map of the amusement park.</p>
<p><u>      </u> <b>A Simple Cell</b> Write a poem about being a prokaryotic cell. Select a type of bacteria or archaea. Include facts about this organism in the poem. Write at least 4 stanzas with at least 4 lines in each.</p>	<p><u>      </u> <b>How It Works</b> Write a persuasive essay (1 page) about why it is a good thing to be small. Include information about why a cell must be small, and why it cannot survive if it is too large.</p>	<p><u>      </u> <b>Time Capsule</b> Write a journal entry from the point of view of Theodor Schwann. Describe his conclusions about cells.</p>
<p><u>      </u> <b>A Model of a Cell</b> Make a model of a eukaryotic cell on a piece of paper. Add art supplies to make certain elements of your model 3D. Each organelle must be labeled and be a different color. Include a key that identifies the purpose of each organelle.</p>	<p><u>      </u> <b>Public Service Announcement</b> Create an advertisement to tell people about the importance of the cell theory. Include a drawing to help convey your message. Use a full piece of paper and color please!</p>	<p><u>      </u> <b>A New Report</b> Write a news report about a single-celled organism that lives inside your body. Include what this organism is, what it does, and where it can be found.</p>