

# Cell Processes: 1/17 – 1/31

**Unit Goal: Learn how the smallest unit of life was discovered, functions, and reproduces.**

**Unit Assessment: Tuesday, January 31st**

Page	Date	Goal & Materials
59	T-1/17	<p><b>What is the cell theory?</b></p> <ol style="list-style-type: none"> <li>E01 Intro to Cell Theory (5:53) – What’s the cell theory? Do scientists ever argue? Answer the questions for E01 Video Guide on page 59 in your notebook.</li> <li>E02 Cell Theory Reading (2p) – Questions/graphic organizer (pick one) go on page 59.</li> </ol>
60-61	W-1/18 R-1/19 F-1/20	<p><b>How do materials enter and leave a cell?</b></p> <ol style="list-style-type: none"> <li>E03 Gummy Bear Lab – Class Lab. Attach your data sheet to page 60.</li> <li>E04 Homeostasis (3:45) – with the Amoeba Sisters. Add the video guide to page 61.</li> <li>E05 Diffusion (7:39) – Again with the Amoeba sisters. Add the guide to page 61.</li> <li>E06 Transport Notes (6:16) – A few more things to make sure you know. Put the notes on page 61.</li> </ol>
62-63	M-1/23	<p><b>Why do I need to breathe?</b></p> <ol style="list-style-type: none"> <li>E07 Intro to Respiration (4:21) – Watch the video &amp; answer the questions on the E07 Video Guide on page 63.</li> <li>E08 Respiration Reading (2p) – Questions/graphic organizer (pick one) go on page 63.</li> <li>E09 Respiration Output – complete on page 62.</li> </ol>
64-65	T-1/24	<p><b>Can cells get energy if they can’t get oxygen?</b></p> <ol style="list-style-type: none"> <li>E10 Intro to Fermentation (4:33) - Watch the video &amp; answer the questions on the E10 Video Guide on page 65.</li> <li>E11 Fermentation Reading (1p) – Questions/graphic organizer (pick one) go on page 65.</li> <li>E12 Fermentation Output – Complete on page 64.</li> </ol>
66-67	W-1/25	<p><b>Where does glucose come from?</b></p> <ol style="list-style-type: none"> <li>E13 Intro to Photosynthesis (5:12) - Watch the video &amp; answer the questions on the E13 Video Guide on page 67.</li> <li>E14 Photosynthesis Reading (2p) – Questions/graphic organizer (pick one) go on page 67.</li> <li>E15 Photosynthesis output – complete on page 66.</li> </ol>
66	R-1/26	<p><b>How are the three energy processes related?</b></p> <p>E16 Energy Processes Organizer – attach to page 66.</p>
68-69	F-1/27	<p><b>How do organisms grow and repair?</b></p> <ol style="list-style-type: none"> <li>E17 Intro to Mitosis (6:37) – Attach the video guide (on paper) to page 68.</li> <li>E18 Mitosis Notes (9:22) – Use the video to help you complete the organizer, then attach to page 69.</li> </ol>
	M-1/30	<p><b>Do I know this stuff?</b></p> <p>You will have time in class today to prepare for the test.</p>
	T-1/31	<p><b>What did I learn in this unit?</b></p> <p>Test is today.</p>
		Next up: Taxonomy & Classification