

**Biology Course 1 Part 2: Cells Proficiency Sheet**

<b>Lessons</b>	<b>Topics</b>	<b>Learning Target</b>	<b>Activities</b>	<b>Score/%</b>	<b>Date taken</b>
<b>1.3 Homeostasis &amp; Cells</b>	<b>Cell Membrane</b>	<i>I can identify and explain how the components of the cell membrane help the cell maintain homeostasis.</i>	<b>1. Cell Membrane Pretest (fsicourses.net)</b>		
			<b>2. Cell Membrane Video Notes (liveworksheets.com)</b>		
			<b>3. Cell Membrane Interactive (liveworksheets.com)</b>		
			<b>4. Cell Membrane Bubble Lab or Q-tip Lab (Print outs)</b>		
			<b>5. Cell Membrane Post test (fsicourses.net)</b>		
	<b>Cell Transport</b>	<i>I can describe the role of active and passive transport in maintaining cellular homeostasis.</i>	<b>1. Cellular Transport Pretest (fsicourses.net)</b>		
			<b>2. Cellular Transport video notes (liveworksheets.com)</b>		
			<b>3. Cellular Transport Cloze Read (liveworksheets.com)</b>		
			<b>4. Cellular Transport Venn Diagram Activity (liveworksheets.com)</b>		
			<b>5. Cellular Transport Post test (fsicourses.net)</b>		

	<b>Osmosis</b>	<i>I can describe and explain how the process of osmosis helps cells maintain homeostasis.</i>	<b>1. Osmosis Pretest (fsicourses.net)</b>		
			<b>2. Osmosis Video Notes (liveworksheets.com)</b>		
			<b>3. Osmosis Interactive (liveworksheets.com)</b>		
			<b>4. Osmosis Egg Lab (liveworksheets.com)</b>		
			<b>5. Osmosis Post test (fsicourses.net)</b>		
			<b>Cellular Transport Review</b>		
			<b>Cellular Transport Assessment</b>		
<b>1.4 Photosynthesis</b>	<b>Chemical Energy &amp; ATP</b>	<i>I can explain how ATP is used to help the body maintain dynamic homeostasis.</i>	<b>1. Chemical Energy &amp; ATP Pretest (fsicourses.net)</b>		
			<b>2. ATP Video Notes (liveworksheets.com)</b>		
			<b>3. ATP Cutouts Activity (Print out)</b>		
			<b>4. Chemical Energy &amp; ATP Post test (fsicourses.net)</b>		
	<b>The Process of Photosynthesis</b>	<i>I can explain the process of photosynthesis &amp; its role in the cycling of matter and energy within the cell.</i>	<b>1. Photosynthesis Pretest (fsicourses.net)</b>		

			<b>2. Photosynthesis Video Notes (liveworksheets.com)</b>		
			<b>3. All About Photosynthesis Interactive (liveworksheets.com)</b>		
			<b>4. Photosynthesis Light Reactions Summary Table (Print out)</b>		
			<b>5. Photosynthesis Diagram Cutout Activity (Print out)</b>		
			<b>6. Photosynthesis Gallery Walk (Print out)</b>		
			<b>7. Photosynthesis Post test (fsicourses.net)</b>		
<b>1.5 Cellular Respiration &amp; Fermentation</b>	<b>The Process of Cellular Respiration</b>	<i>I can explain the process of cellular respiration and its role in the cycling of matter and energy within the cell.</i>	<b>1. Cellular Respiration Pretest (fsicourses.net)</b>		
			<b>2. Cellular Respiration Video Notes (liveworksheets.com)</b>		
			<b>3. Cellular Respiration Deep Dive (liveworksheets.com)</b>		
			<b>4. Cellular Respiration Review (liveworksheets.com)</b>		
			<b>5. Exercise &amp; Cellular Respiration Lab (Print out)</b>		
			<b>6. Cellular Respiration Post test (fsicourses.net)</b>		

	<b>Fermentation</b>	<i>I can explain how the process of anaerobic respiration helps the body maintain homeostasis.</i>	<b>1. Anaerobic Respiration Pretest (fsicourses.net)</b>		
			<b>2. Anaerobic Respiration Video Notes (liveworksheets.com)</b>		
			<b>3. Aerobic vs. Anaerobic Respiration Flow Chart (liveworksheets.com)</b>		
			<b>4. Aerobic vs. Anaerobic Respiration Cloze Read (liveworksheets.com)</b>		
			<b>5. Anaerobic Respiration Post test (fsicourses.net)</b>		
			<b>Cellular Energy Review</b>		
			<b>Cellular Energy Assessment</b>		
<b>1.6 Cell Growth &amp; Division</b>	<b>Pros &amp; Cons of Sexual vs. Asexual Reproduction</b>	<i>I can compare &amp; contrast the advantages and disadvantages of sexual &amp; asexual reproduction.</i>	<b>1. Pros &amp; Cons of Sexual vs. Asexual Reproduction Pretest (fsicourses.net)</b>		
			<b>2. Pros &amp; Cons of Sexual vs. Asexual Reproduction Video Notes (liveworksheets.com)</b>		
			<b>3. Sexual vs. Asexual Reproduction T-Chart Activity (liveworksheets.com)</b>		
			<b>4. Sexual vs. Asexual Reproduction Cloze Read (liveworksheets.com)</b>		
			<b>5. Sexual vs. Asexual Reproduction Interactive (liveworksheets.com)</b>		
			<b>6. Pros &amp; Cons of Sexual vs. Asexual Reproduction Post test (fsicourses.net)</b>		

	<b>Genetic Continuity</b>	<i>I can describe and explain how organisms maintain genetic continuity via binary fission, mitosis, &amp; me.</i>	<b>1. Genetic Continuity Pretest (fsicourses.net)</b>		
			<b>2. Genetic Continuity Video Notes (liveworksheets.com)</b>		
			<b>3. Genetic Continuity Interactive Drag &amp; Drop Activity (liveworksheets.com)</b>		
			<b>4. Genetic Continuity Drop Down Review (liveworksheets.com)</b>		
			<b>5. Genetic Continuity Reading Interactive (liveworksheets.com)</b>		
			<b>6. Oreo Genetic Continuity Lab (Print out)</b>		
			<b>7. Genetic Continuity Pretest (fsicourses.net)</b>		
	<b>Cancer &amp; Cell Cycle Regulation</b>	<i>I can describe and explain what cancer is, the factors that cause cancer, the effects of cancer in an organism, and the symptoms of and treatments used to treat cancer.</i>	<b>1. Cancer &amp; Cell Cycle Regulation Pretest (fsicourses.net)</b>		
			<b>2. Cancer Video Notes (liveworksheets.com)</b>		
			<b>3. Cancer Vocabulary Interactive (liveworksheets.com)</b>		
			<b>4. Benign vs. Malignant Cancer Top Hat (liveworksheets.com)</b>		
			<b>5. Cancer Reading for Meaning Interactive (liveworksheets.com)</b>		

			<b>6. Cancer &amp; Cell Cycle Regulation Post test (fsicourses.net)</b>		
			<b>Course 1 Review (liveworksheets.com)</b>		
			<b>Course 1 Cells Post test (fsicourses.net)</b>		