

Name	Cellular Respiration			
Description				
Rubric Detail				
Criteria	Levels of Achievement	Novice	Competent	Proficient
Flowchart Appearance	<p>Inadequate</p> <p>0 Points Incomplete presentation of the events and their detail. No care given to the flowchart's aesthetics.</p>	<p>1 Points Presentation of all the events and their detail.</p>	<p>2 Points Clear and easy to follow presentation of all the events and their detail.</p>	<p>3 Points Clear and easy to follow presentation of all the events and their detail. Care was given to the overall flowchart's aesthetics.</p>
Flowchart Organization	<p>0 Points Some of the events are included and/or improper order of the events.</p>	<p>1 Points All of the events are included, but not in their proper order.</p>	<p>2 Points All of the events are included and given in their proper order.</p>	<p>3 Points Well-organized flowchart. All of the events are included and given in their proper order.</p>
Flowchart Labelling	<p>0 Points Inadequate or unclear labeling of the events occurring. Also, improper labeling of the cellular components, locations, and structures involved in the process.</p>	<p>1 Points Some of the events, components, cellular locations, cellular structures involved in the cellular process are adequately/clearly labeled.</p>	<p>2 Points Most of the events, components, cellular locations, cellular structures involved in the cellular process are adequately/clearly labeled.</p>	<p>3 Points All of the events, components, cellular locations, cellular structures involved in the cellular process are adequately/clearly labeled.</p>
Flowchart Completeness	<p>0 Points Improper presentation of the required information that ensures completeness.</p>	<p>1 Points Some of the events are included. Also, the number of ATPs used and produced. Also, the number of electron carriers. Also, the carbon dioxides that are produced. Events based on the presence and absence of oxygen.</p>	<p>2 Points Most of the events are included. Also, the number of ATPs used and produced. Also, the number of electron carriers. Also, the carbon dioxides that are produced. Events based on the presence and absence of oxygen.</p>	<p>3 Points All of the events are included. Also, the number of ATPs used and produced. Also, the number of electron carriers. Also, the carbon dioxides that are produced. Events based on the presence and absence of oxygen.</p>
Flowchart Summary Detail	<p>0 Points Inadequate accounting of the main products produced by each event involved in the cellular process.</p>	<p>1 Points Some of the main products produced by each event involved in the cellular process are accounted for. A summary of the accounting is presented in a side table within the flowchart.</p>	<p>2 Points Most of the main products produced by each event involved in the cellular process are accounted for. A summary of the accounting is presented in a side table within the flowchart.</p>	<p>3 Points A detailed accounting of all the main products produced by each event involved in the cellular process. A summary of the accounting is presented in a side table within the flowchart.</p>
Write-up Grammar	<p>0 Points Significant grammar and spelling errors. Low aesthetic appeal. Inadequate hand writing. Plagiarism.</p>	<p>1 Points Significant grammar and spelling errors. Low aesthetic appeal. Inadequate hand writing. No plagiarism.</p>	<p>2 Points Some grammar and spelling errors. Low aesthetic appeal. Inadequate hand writing. No plagiarism.</p>	<p>3 Points Excellent grammar. Proper spelling. Aesthetically appealing. Good hand writing. No plagiarism.</p>
Write-up Organization	<p>0 Points Some of the events are included and/or improper order of the events.</p>	<p>1 Points All the events are included, but not in their proper order.</p>	<p>2 Points All the events are included and given in their proper order.</p>	<p>3 Points Well-organized write-up with proper transitions between paragraphs. All the events are included and given in their proper order.</p>
Write-up Completeness	<p>0 Points Improper write-up of the required information that ensures completeness.</p>	<p>1 Points Some of the events are included in the write-up. Also, the number of ATPs used and produced. Also, the number of electron carriers. Also, the carbon dioxides that are produced. Events based on the presence and absence of oxygen.</p>	<p>2 Points Most of the events are included in the write-up. Also, the number of ATPs used and produced. Also, the number of electron carriers. Also, the carbon dioxides that are produced. Events based on the presence and absence of oxygen.</p>	<p>3 Points All of the events are included in the write-up. Also, the number of ATPs used and produced. Also, the number of electron carriers. Also, the carbon dioxides that are produced. Events based on the presence and absence of oxygen.</p>
Write-up Detail	<p>0 Points Write-up does not include the main products produced by each event involved in the cellular process are accounted for.</p>	<p>1 Points Write-up includes some of the main products produced by each event involved in the cellular process are accounted for.</p>	<p>2 Points Write-up includes most of the main products produced by each event involved in the cellular process are accounted for.</p>	<p>3 Points A comprehensive write-up that includes a detailed accounting of all the main products produced by each event involved in the cellular process.</p>
Write-up Discussion	<p>0 Points Inadequate discussion of the key-points listed in your homework assignment.</p>	<p>1 Points Discussion of some of the key-points listed in your homework assignment (built into your write-up).</p>	<p>2 Points Discussion of most of the key-points listed in your homework assignment (built into your write-up).</p>	<p>3 Points Comprehensive discussion of all the key-points listed in your homework assignment (built into your write-up).</p>

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