

Driving Question:	How can we as children’s book authors write and illustrate a book to explain the structure and function of cells to children?
Product Description:	Students will create a children’s book for elementary-age kids that uses text and illustrations to explain the structure and function of cells. The book should be an original story.

Children’s Book					
Criteria	Developing (does not meet performance standards) 0 – 69	Proficient (meets performance standards) 70-79	Advanced (exceeds performance standards) 80-90		
<p>Completeness and Accuracy of Required Information:</p> <ul style="list-style-type: none"> Define <u>and</u> illustrate the structure and function of the following cell organelles: <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> <p><u>Science 7:</u></p> <ul style="list-style-type: none"> Cell membrane Cell Wall Chloroplast Cytoplasm Nucleus Vacuole Mitochondria </td> <td style="width: 50%; padding: 5px;"> <p><u>PreAP/GT:</u></p> <p>Includes all of the terms in the Science 7 list PLUS:</p> <ul style="list-style-type: none"> Golgi Bodies Lysosome Nucleolus Ribosome Rough Endoplasmic Reticulum Smooth Endoplasmic Reticulum </td> </tr> </table>	<p><u>Science 7:</u></p> <ul style="list-style-type: none"> Cell membrane Cell Wall Chloroplast Cytoplasm Nucleus Vacuole Mitochondria 	<p><u>PreAP/GT:</u></p> <p>Includes all of the terms in the Science 7 list PLUS:</p> <ul style="list-style-type: none"> Golgi Bodies Lysosome Nucleolus Ribosome Rough Endoplasmic Reticulum Smooth Endoplasmic Reticulum 	<ul style="list-style-type: none"> One or more pieces of required information are missing. Significant information is incorrect, academic vocabulary is used inappropriately, and/or important details are missing. 	<ul style="list-style-type: none"> All required information is included. Most information is clear and correct, although there are some minor errors. 	<ul style="list-style-type: none"> All required information is included. All information is clear, accurate, and discussed in detail.
<p><u>Science 7:</u></p> <ul style="list-style-type: none"> Cell membrane Cell Wall Chloroplast Cytoplasm Nucleus Vacuole Mitochondria 	<p><u>PreAP/GT:</u></p> <p>Includes all of the terms in the Science 7 list PLUS:</p> <ul style="list-style-type: none"> Golgi Bodies Lysosome Nucleolus Ribosome Rough Endoplasmic Reticulum Smooth Endoplasmic Reticulum 				
<p>Understanding of Concepts:</p> <ul style="list-style-type: none"> Which organelles are found in plant cells, animal cells, or both 	<ul style="list-style-type: none"> Content is not explained. Explains content, but incorrectly. 	<ul style="list-style-type: none"> Explains content, but in an oversimplified or general way. 	<ul style="list-style-type: none"> Explanations are in depth, and detailed. Explains content clearly. 		
Criteria	Developing (does not meet performance standards) 0-6.9	Proficient (meets performance standards) 7-8.9	Advanced (exceeds performance standards) 9.0-10.0		
<p>Format and Creative Thinking:</p> <ul style="list-style-type: none"> Book includes text and illustrations appropriate for an elementary-age audience Story format Creative Thinking 	<ul style="list-style-type: none"> - Text and/or illustrations are missing. - Lacks proper story format. - Storyline is not clear. - Lacks creativity. 	<ul style="list-style-type: none"> - Book format is clear and complete. - The story follows a proper story format and the storyline is clear and logical. - Story has some originality and is somewhat engaging. 	<ul style="list-style-type: none"> - Book format is clear and complete. - The story follows a proper story format and the storyline is clear and logical. - Story is highly original and engaging. - Book is aesthetically pleasing. - Story elaborates on ideas about structure and function of the cell. 		