

<i>As you review the student's work, make sure all of these items are present.</i>	Points Possible	Points Earned
The model shows the contributions of photosynthesis and cellular respiration in the carbon cycle.	3.0	
The model depicts the movement of carbon through the atmosphere, hydrosphere, biosphere, and geosphere.	3.0	
The model includes the role of fossil fuels and fossil fuel emissions.	3.0	
The model represents the diffusion of carbon dioxide in oceans.	3.0	
The model uses arrows and short phrases to summarize each stage of the carbon cycle.	3.0	
The typewritten paper describes the exchange of carbon between organisms and the environment.	5.0	
The typewritten paper describes the contributions of photosynthesis and cellular respiration within and among the four spheres. It discusses how carbon enters and leaves each sphere and what it forms.	5.0	
The typewritten paper discusses the role of carbon storage in organisms.	5.0	
The typewritten paper explains how the model is different from the actual cycling of carbon in an ecosystem.	5.0	
The poster and typewritten paper use correct sentence structure, punctuation, grammar, and spelling.	5.0	
<b>Total</b>	<b>40.0</b>	