Unit 1 Summative Assessment

Describe the roles of energy and water in food production. Provide examples of real-world challenges to food availability.

<table>
<thead>
<tr>
<th>4 points</th>
<th>3 points</th>
<th>2 points</th>
<th>1 point</th>
<th>Total Score</th>
</tr>
</thead>
</table>
| • Detailed description and explanation of each role  
  • Clear and concise connections between food, energy, and water  
  • Provided real-world challenges | • Adequate description of each role  
  • Appropriate and reasonable connections  
  • Provided real-world challenges | • Limited descriptions of each role  
  • Unreasonable connections  
  • Did not provide real-world challenges | • Lists but does not describe  
  • Minimal connections between food, energy, and water or not apparent  
  • Provided minimal or no real-world challenges | |