**Student Examples of Claims Evidence and Reasoning Writing**

***Example 1 K-5:***

*The two spoons are different materials. My evidence is that one spoon is white and the other spoon is silver. The white spoon is also softer because I can scratch it with my fingernail while the silver spoon is harder because I cannot scratch it. Also, the two spoons are the same size but they weigh different amounts. The White spoon was 3.0 grams and the silver spoon was 16.4 grams. Color, hardness, and mass for the same size of objects are properties of material . If two objects have different properties, they are different materials. Since the two spoons have different properties, I know they are different materials.*

***Example 2 5-8:***

*The plant that received more light grew taller. The plant with 24 hours of light grew 20 cm. The plant with 12 hours of light only grew 8 cm. Plants require light to grow and develop. This is why the plant that received 24 hours of light grew taller.*

***Example 3 5-8:***

*A chemical reaction did occur in this experiment. If a chemical reaction takes place something new is made, when something new is made properties change. If just 1 property changes then a chemical reaction occurred and a new substance was made. In the experiment properties changed. The melting points went from -7.9º C and -89.5º C to -91.5º C and 0.0º C. Both of the densities also changed from 0.96g/cm cubed and 0.81g/c cubed to 0.87 g/cm cubed and 1.00 g/cm cubed. Also 1 of the new substances is now not soluble in water when before both were. Therefore, a chemical reaction did occur because new substances were made and properties changed.*