Use the powerpoint provided for March 30th to answer the questions below. Type your responses in **bold**. ***Make sure your name is on your work.***

1. What is the function of cellular respiration?

 **The role of cellular respiration is to convert glucose into readily available energy.**

1. Does glucose actually react with oxygen during cellular respirations? Explain

**During aerobic cellular respiration, glucose reacts with oxygen, forming ATP that can be used by the cell. In cellular respiration, glucose and oxygen react to form ATP.**

1. What are the reactants and products of cellular respiration?

**Oxygen and glucose are both reactants in the process of cellular respiration. The main product of cellular respiration is ATP; waste products include carbon dioxide and water.**

1. How are cellular respiration and glycolysis related?

**Glycolysis breaks down glucose in the cytoplasm before cellular respiration occurs in the mitochondria. The aerobic processes in the mitochondria use the products of glycolysis.**