The crust of the Earth is broken into sections called tectonic plates. The movement of these plates is responsible for a number of major geological features.

1. What creates the forces that cause the plates to move?
   A. gravity
   B. ocean currents
   C. the Earth orbiting the Sun
   D. heat from within the Earth

2. What type of plate boundary is shown in the diagram above?
   A. transverse boundary
   B. destructive boundary
   C. constructive boundary
   D. conservative boundary

3. Which chemicals are consumed in photosynthesis and released in respiration?
   A. oxygen and water
   B. glucose and oxygen
   C. carbon dioxide and water
   D. glucose and carbon dioxide