**Answer Key:**

**What is 3D printing?**

**3D printing** is a process for making a physical object from a three-dimensional digital model. Before you can 3D print something, you must first obtain a **3D model** from a website like **Thingiverse** or you can make your own using **CAD**. After you find a 3D model, you load it into host software such as **Repetier-Host**. The host software converts the 3D model into **GCODE**. The GCODE is then sent to a **3D printer** which creates a physical object from the compilation of many **layers**.

**Compare 3D printing to a common item or process by drawing or writing.**

Answers may vary- Bread slices, cake layers… anything with layers

**How does a 3D printer work?**

*(counterclockwise around printer)* **extruder, hot end, print bed, x/y/z axes**