

Name _____

Diving into the Diverse World of 3D Printing Technologies

Short Answer Key

1. FDM works by heating a plastic filament and extruding it layer by layer.
2. Ultraviolet (UV) light in Stereolithography (SLA) hardens the liquid resin, creating a solid 3D object.
3. Electron Beam Melting (EBM) is known for being used with metal materials.
4. Material Jetting creates objects by jetting tiny droplets of material onto a build platform, which solidify.
5. Laminated Object Manufacturing (LOM) builds objects layer by layer from sheets of material, which are glued together and then cut into the desired shape.

