

Name _____

Exploring the Magic of 3D Printing

Multiple Choice Questions

1. What is the primary material used in 3D printing?
 - a) Metal
 - b) Paper
 - c) Plastic
 - d) Glass

2. What is the first step in the 3D printing process?
 - a) Cooling and solidifying
 - b) Slicing the digital model
 - c) Adding finishing touches
 - d) Designing the object

3. What is the role of the digital 3D model in 3D printing?
 - a) It tells the printer how to create the object.
 - b) It cools and solidifies the material.
 - c) It serves as a physical blueprint.
 - d) It assembles different parts together.

4. How do professional artists use 3D printing in their work?
 - a) They create flat images on paper.
 - b) They build houses using 3D printers.
 - c) They design digital models for others to print.
 - d) They turn their artistic visions into physical sculptures.

5. What can people create using 3D printing?
 - a) Only documents and drawings
 - b) Only food items
 - c) Toys, jewelry, and replacement parts
 - d) Only paintings and sketches

