

Name _____

The Magic of 3D Printing: Transforming the World One Layer at a Time

Short Answer Key

1. One practical application of 3D printing in the medical field is the creation of custom implants or prosthetic limbs.
2. 3D printing benefits the automotive industry by producing custom parts, prototypes, and even entire vehicles, which reduces production costs and speeds up the process.
3. 3D printing is used as an educational tool in schools and universities, allowing students to design and print their projects, fostering creativity and problem-solving skills.
4. 3D printing reduces material waste by using only the exact amount of material needed for an object, which helps conserve resources and reduce pollution.
5. 3D printing has revolutionized the world of art by enabling artists to create sculptures and installations with precision and versatility.

