

# Quiz: Which New Materials are Popular in 3D Printing?

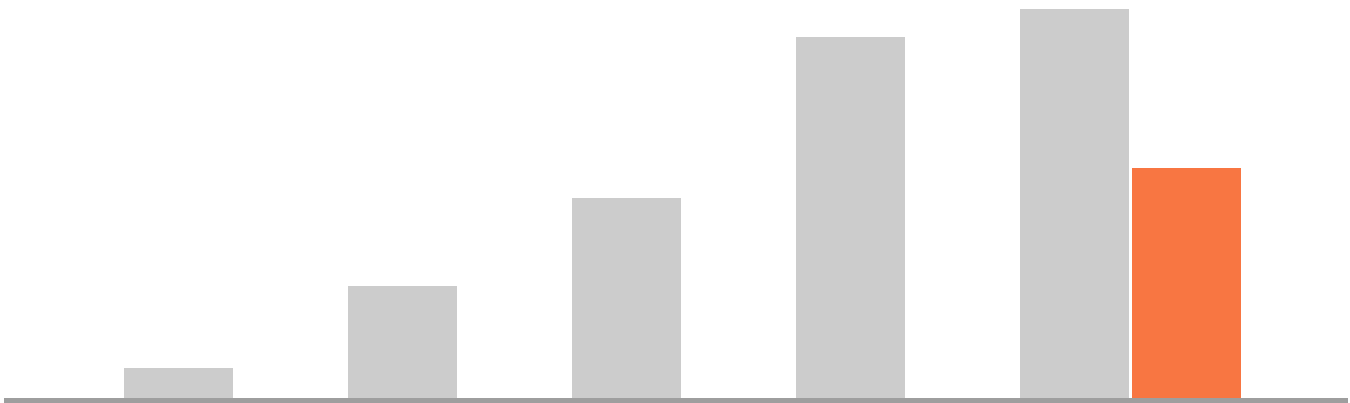
Nice job, you passed! See answers and Learn More below.

## Your Results

100%

You Answered  
5 out of 5 questions correctly

## How You Compare



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Correct!

**1.** Metal is now used for 3D printing injection molds and fixtures that accelerate the design process for traditional manufacturing methods like injection molding, casting, and lay-up. These are printed directly by binding metal dust and firing it to become a hard part.

- Which metals are being used for 3D printing?

6% ☐ Steel

7% ☐ Bronze

9% ☐ Titanium

78% ☒ All of the above

Correct!

**2.** This material is another popular choice for 3D printing because of its strength and conductivity. It is ideal for device parts that need to be flexible, such as touchscreens and solar panels.

- Touted by industry experts as most flexible, what is this material?

59% ☒ Graphene

12% ☐ Resin

25% ☐ Carbon Fiber

5% ☐ Gold

Correct!

**3.** An alloy of nickel and titanium and used in a lot of medical implants, this material is known for its super-elasticity. It can also bend to considerable degrees without breaking as well as has the ability to change shapes.

- Which material is this?

6% ● Platinum

73% ✔ Ninitol

11% ● Titanium

10% ● Nylon

Correct!

**4.** One of the newest materials for 3D printing that is considered more durable than metal and plastic and can withstand extreme heat and pressure without even breaking, is also corrosion-proof.

- Which is this new material?

5% ● Resin

38% ● Carbon Fiber

54% ✔ Ceramic

3% ● Nylon

Correct!

**5.** 3D bioprinting uses 3D printing techniques to combine cells, growth factors, and/or biomaterials to fabricate biomedical parts.

- While a wide variety of materials are used for bioinks, the most popular include:

15% ● Hydrogels

13% ● Collagen

4% ● Gelatin

68% ✔ All of the above