

Max's Marvelous Making Guide: What is Prototyping?

Think, Build, Test, Improve! Join Max the Monkey as we turn big ideas into brilliant models.

- **A prototype is a simple version of your idea. It helps you see if your design really works.**
- **You can use cheap materials like cardboard, tape, and string to build your first model.**
- **Prototyping helps you spot problems early so you can fix them before building the final product.**
- **Testing your prototype is important. You should ask: Does it do what it is supposed to do?**
- **After testing, you make changes to improve your design. This is called refining your work.**

Did you know? Did you know? Even famous inventors do not get their inventions right the very first time! They make many prototypes, testing and changing them until the invention works perfectly.

Key vocabulary: Prototype · Model · Design · Test · Improve · Materials