

Max's Mighty Structures

Build it big, build it strong, build it so it lasts all day long!

- A structure is anything that has been built to support a load, like a house, a bridge, or a chair.
- To make a structure stable, it needs a wide and heavy base so it does not tip over.
- Engineers use materials like wood, metal, or plastic depending on how strong the structure needs to be.
- Reinforcing a structure means adding extra support, such as beams or struts, to help it carry more weight.
- Max the monkey says: Always test your design to see if it can stand up on its own!

Did you know? Did you know? Triangles are the strongest shape for building. When you push on the sides of a triangle, it does not change its shape easily! This is why many bridges and tall towers use triangle patterns to stay upright.

Key vocabulary: Structure · Stable · Strength · Reinforce · Material · Base