

Things I already know

I know how to begin to make structures strong
I can explain which materials they are using and why

Key Facts

A structure is something that has been built.

Examples include bridges, towers, houses, and chairs.

Strong structures have a solid base or foundation.

This helps stop them from falling over.

Shapes can make structures stronger.

- **Triangles** are very strong and often used in bridges and towers.
- **Arches** help spread weight and are used in buildings.

Key Vocabulary

Tower -tall, narrow building or part of a building that rises high above the ground

Architect -a person who designs buildings and helps plan how they are built.

Structure is something that has been built, like a house, bridge, or tower.

Height is how tall something is, measured from the bottom to the top.

Sturdy means strong and solid; it doesn't break or fall easily.

Questions I can answer

How are buildings different around the world?

How have buildings changed over time?

Why are buildings constructed differently?

How can we make a durable structure?

Significant people

Sir Christopher
Wren



Zaha Hadid

FRUITS

Faith- often inspires people to build structures that are important, meaningful, and lasting. Whether it's a small model or a great building, the idea of **faith** connects to structure in several ways

Relationship- Building a structure—whether it's a model tower, a bridge, or a real building—often involves **working with others**. That's where relationships come in

Uniqueness- Every structure is **different and special**—just like people! The idea of uniqueness means that no two buildings or creations are exactly the same.

Intellect- using your brain to think carefully, solve problems, and create new ideas. Building a structure needs a lot of intellect!

Treat others with respect- Building a structure—whether it's a small model or a big building—is often a team effort. Treating others with **respect** helps the team work better together and build something strong.