

Max's Structures Flashcards

Learning objective: To understand key terms related to building strong structures.

Read the front of the card. Think about the answer. Flip the card to check if you are right. Use the word bank if you get stuck.

What is a 'Stable' structure?

A structure that does not fall over easily.

What is a 'Joint'?

The place where two parts of a structure are joined together.

What is a 'Strut'?

A piece of wood or metal used to support a structure.

What is a 'Beam'?

A long, thick piece of material used to support a roof or floor.

What does 'Rigid' mean?

Something that is stiff and does not bend.

What is 'Compression'?

A squeezing force that pushes materials together.

What is 'Tension'?

A pulling force that stretches materials apart.

What is a 'Framework'?

The skeleton or supporting shape of a building.

What is a 'Base'?

The bottom part of a structure that helps it stay steady.

What makes a structure 'Strong'?

It can hold weight without breaking or changing shape.