

Date

LO: To find shapes that build a strong structure.

What is a girder ?

Which shapes are the strongest?



**Emley Moor Tower** in Huddersfield is 330.5m high and is the tallest freestanding structure in the UK.



**Bridgewater Place** in Leeds is 110m high and is the tallest building in Yorkshire.

Build the **tallest** tower you can from a **single** sheet of A4 paper.

You may use **scissors** but no glue, sticky tape or other materials.



Is the tallest tower the best tower?

create  
maths

making things work

Bridges and structures

Tallest tower