

Spanning a gap: beams, arches and triangles

engineering

Words to use

Beam · Arch · Braced beam

Our question

Which span shape holds the most 1c coins across the same taped 15 cm gap?

Coins held by each span

Span type	Coins held	Where it failed
Beam		
Arch		
Braced beam		

Our one change, and the span we changed

The re-test

Coins before the change	Coins after the change

What did the evidence show about shape?