

Can you cut, fold, roll and stick sheets of card or paper to make beams with cross-sections like those shown below? Each beam must be the same length and made using the same type of card or paper. Rest each beam between two raised surfaces so it spans a gap. How much weight can be placed at the centre of each beam before it gives way? Describe and/or draw your method for testing the beams, then record your findings.

Beam cross-sections:



Method:

Beam Shape	Maximum Load (g)
	
	
	
	
	
	