

Castle

Construction

Challenge 2



Image © Dick Raines

Find out how castles were built with our construction activities.

Construction Challenge 2 - Getting things moving!

One way to transport heavy building stones was to use a wooden sledge. Putting 'rollers' underneath the sledge helped make it easier to pull.

Can you spot the different ways the Medieval builders are moving stone in the picture at the top of the page?

Make a sledge with rollers to pull a load from things you have at home.



You need:	Things you could use:
a 'sledge'	rectangle of thick card; shallow plastic takeaway tray/tub; thin rectangle of wood/board
5/6 'rollers' all the same size	cylinders e.g. kitchen roll tubes; pens/pencils; tins of soup, plastic bottles, crisp tubes, candles, wooden dowel
'rope' to pull your sledge	string, wool, ribbon, twine, shoelace
a 'load' to transport	building block, stone or whatever fits your 'sledge'
Plus: scissors, sticky tape, something to punch a hole	

Can you find out... why the rollers make it easier for the sledge to move? How far can you transport your 'load' using only the 5/6 rollers?

Share your results with us #LearningWithHES or try another construction challenge.