

# Castle

# Construction

# Challenge 3



Image © Dick Raines

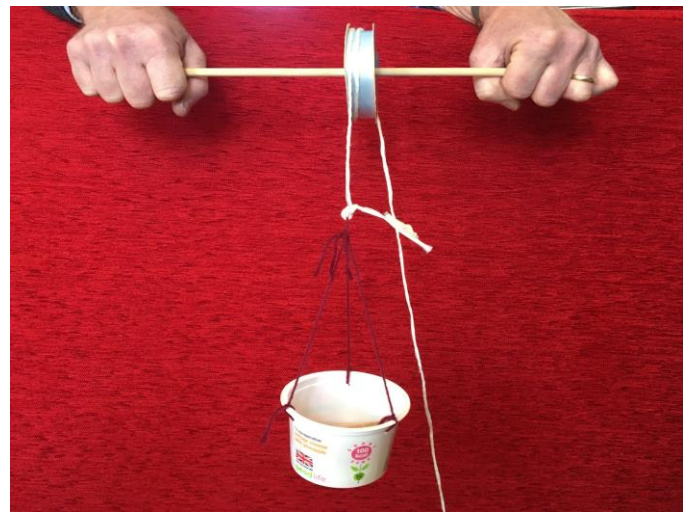
Find out how castles were built with our construction activities.

## Construction Challenge 3 – Lifting things up!

A simple pulley was used to lift stones up to be put in place in the higher parts of the castle.

Can you spot the pulleys being used in the picture of the Medieval building site at the top of the page?

Create a simple pulley from things you have at home.



You need:	Things you could use:
a rod to hold your pulley	wooden dowel; garden stick; kebab stick; straw
a pulley wheel	ribbon spool or cotton reel CDs stuck to the either side/end of a card tube or ring or cheese triangle box
a basket to lift	empty yoghurt pot or other plastic tub with 3 lengths of string attached (see picture above)
'rope' for your pulley	string or ribbon or wool or twine
a 'load' to lift up	a building block, a small soft toy – whatever fits in your basket
Plus: scissors, sticky tape, something to punch a hole	

Can you find out... how you could make it even easier to lift loads?

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