

Castle

Construction

Challenge 3



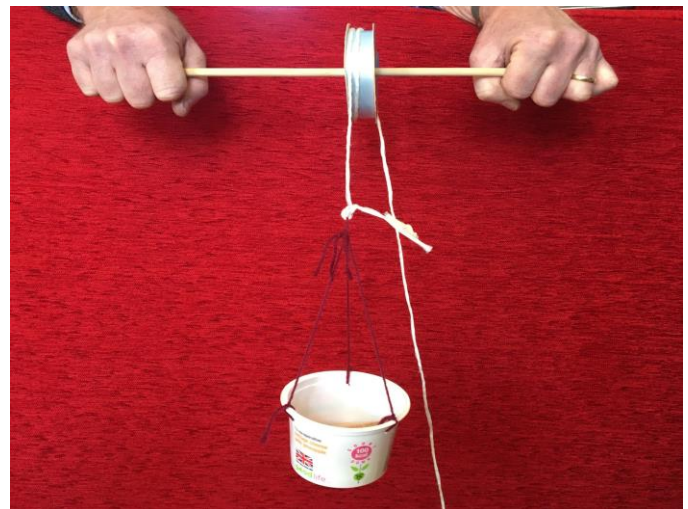
Find out how castles were built with our construction activities.

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 or at school.



| Parts of a pulley | Household items you could use to make pulley parts |
|---------------------------|---|
| a rod to hold your pulley | wooden dowel; garden stick; kebab stick; straw |
| a pulley wheel | ribbon spool or cotton reel CDs stuck to 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.



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