



Year 2 – Summer 2 – Castle Quest

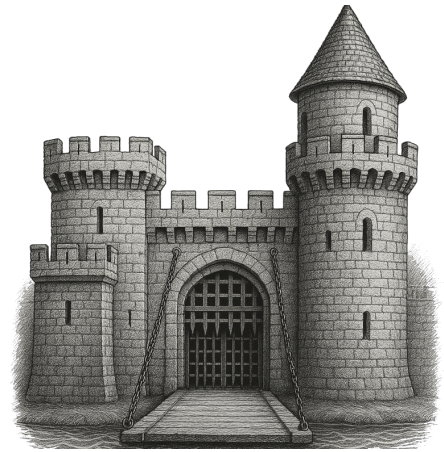
Drawbridge - Pulleys

In this unit, we will be making our own castles with a drawbridge. We will consider how the mechanism of a pulley works. We will also look at the history of the castle and how William the Conqueror built parts of Warwick Castle.

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Key Questions

- What are the key features of a castle?
- How are pulleys used in real life?
- How does a pulley mechanism work?
- How can we make a structure strong and stable?



Key Vocabulary:

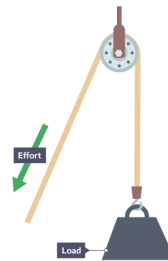
Mechanism

A device used to create movement in a product



Pulley

An axle, wheel and rope to help lift heavy things.



Winding

Turning, twisting or wrapping.



Castle

A large, strong building built to protect people inside from attack.



Design

A plan or drawing to show how something works.



Stable

Firm or steady - not likely to fall over.



Drawbridge

A bridge that can be raised and lowered at the entrance to a castle.



Evaluate

To judge a product or method.



Home Learning Suggestions

- Can you find any other real life uses for pulleys?
- Are there any other products you can make which need a pulley?