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Towers, Tunnels and Turrets

Castles

A castle is a type of structure, often built hundreds of years ago by an important person, such as a lord or king. A castle helped the lord or king to control his land and protect his family and riches from invading enemies. Most castles were built on hills and had high walls and towers.



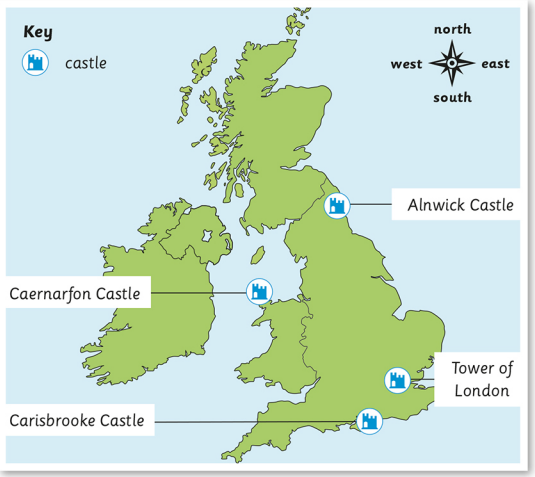
The first castles were made from wood but these were easy to burn down.



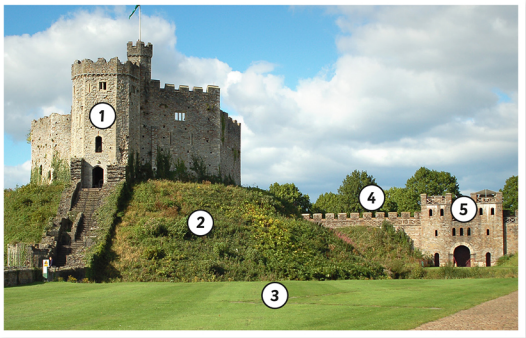
Later castles were built using stone, so they were stronger and harder to attack.

Famous castles

The United Kingdom has many significant castles.



Parts of a castle



1. keep
2. motte
3. bailey
4. curtain wall
5. gatehouse

Jobs in a castle

Many people lived and worked in a castle.

- The **lord and his family** owned and lived in the castle.
- The **steward** was in charge of running the castle.
- The **knights** defended the castle and fought for their lord.
- The **ladies-in-waiting** looked after the ladies who lived in the castle.
- The **cooks** prepared the food.
- The **gong scourer** cleaned out the castle toilets.

Towers

A tower is a tall, narrow structure. Here are some famous towers from around the world.



CN Tower, Toronto, Canada



Big Ben, London, England



Eiffel Tower, Paris, France



Tokyo Skytree, Tokyo, Japan

Tip: Print in A3.

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Isambard Kingdom Brunel

Isambard Kingdom Brunel (1806–1859) was one of the most inventive engineers of the 19th century. Brunel is responsible for building some amazing structures.



Isambard's structures

Isambard Kingdom Brunel designed and built bridges, tunnels, railway lines, docks and ships.



Thames Tunnel



Clifton Suspension Bridge



Great Western Railway



Maidenhead Railway Bridge

Bridges

A bridge is a structure built over a road, river or railway that allows people or vehicles to cross from one side to the other. Bridges can be built from a range of materials.



metal suspension bridge



concrete road bridge



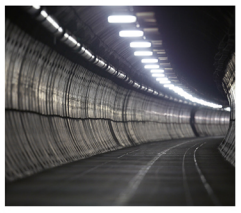
stone railway bridge



rope footbridge

Tunnels

A tunnel is a long passage under the ground. Tunnels are usually built as a way of getting from one side of an obstacle to the other.



The Channel Tunnel is a tunnel under the sea that links England and France.



The Zion-Mount Carmel Tunnel in the USA is a tunnel through a mountain.

Glossary

bailey	The courtyard or flat ground, inside the outer wall of a castle.
concrete	A very hard building material made by mixing cement, sand, small stones and water.
curtain wall	The outer wall that protects a castle.
engineer	A person who designs or builds structures, such as tunnels, railways or bridges.
Industrial Revolution	The time, around 1760, when work started to be done more by machines in factories than by hand.
gatehouse	The entrance to a castle.
keep	The strong, central tower of a castle.
moat	A deep, wide ditch surrounding a castle, fort or town, typically filled with water as a defence against attack.
motte	A small hill in the middle of a castle on which a fort or keep is built.
structure	Something that has been built from parts, like a large building.

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