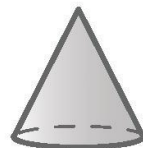


Structures - Constructing a castle

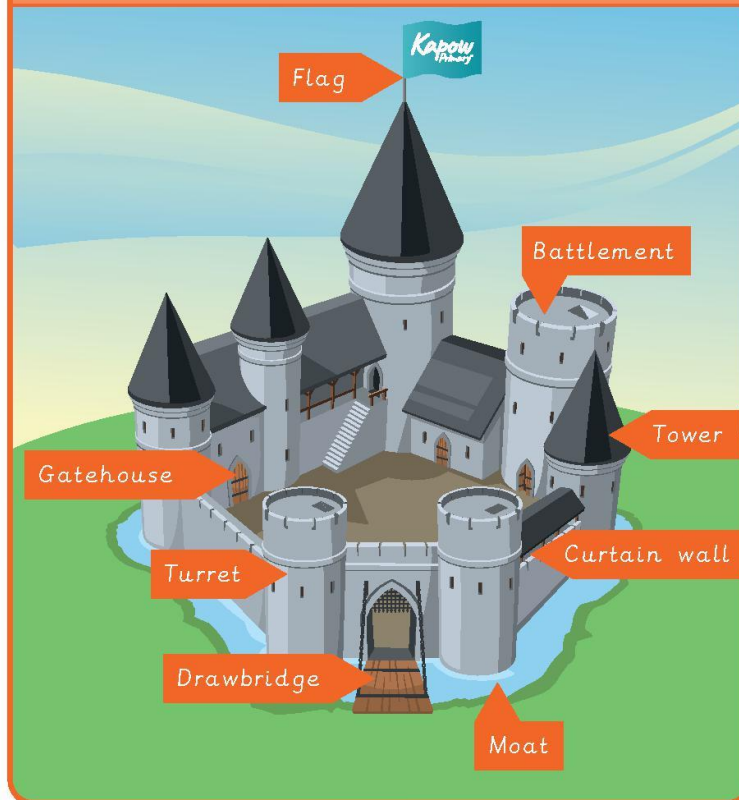
2D shapes	Flat objects with 2-dimensions, such as square, rectangle and circle.
3D shapes	Solid objects with 3-dimensions, such as cube, oblong and sphere.
Castle	A type of building that used to be built hundreds of years ago to defend land and be a home for Kings and Queens and other very rich people.
Design criteria	A set of rules to help designers focus their ideas and test the success of them.
Evaluation	When you look at the good and bad points about something, then think about how you could improve it.
Façade	The front of a structure.
Feature	A specific part of something.
Flag	A piece of cloth used as a decoration or to represent a country or symbol.
Net	A 2D flat shape, that can become a 3D shape once assembled.
Recyclable	Material or an object that, when no longer wanted or needed, can be made into something else new.
Scoring	Scratching a line with a sharp object into card to make the card easier to bend.
Stable	Object does not easily topple over.
Strong	It doesn't break easily.
Structure	Something which stands, usually on its own.
Tab	The small tabs on the net template that are bent and glued down to hold the shape together.
Weak	It breaks easily.

Basic
3D
Shapes



Key facts

Castles can have lots of features such as towers, turrets, battlements, moats, gatehouses, curtain walls, drawbridges and flags.



Did you know?

Windsor Castle is the largest castle in England.



Year 3/4 DT Autumn 2 2024

Castles

Sessions and Key Learning

Double Session	Key Learning	Activity
1	Features of a Castle Review of 2D and 3D shapes Identify key features of a castle Material properties	Drawing own initial castle labelling key features and annotating material or design additions.
2	Designing a Castle Discuss appeal and design specification	Reviewing our initial castle design. Modification to match purpose. Self and peer assessment.
3	Nets and Structures To construct 3D shapes	Making own nets to build 3D shapes which will form part of their final castle. Self and peer assessment of building.
4	Building a Castle To construct and evaluate final product	Making neat 3D shapes. Constructing a base. Using recyclable ideas where possible. Adorning with decorative features. Evaluation.