



Linked learning theme: Knight, dragons and castles

Summer term 2, Year 1

DT – castles

Prior knowledge

Earlier in Year 1, children have used a design criteria to create a product. In EYFS, children have had experience with different materials to create different forms.

Core knowledge

- The walls will need a thick, strong material.
- The castle will need a keep and towers with turrets.
- Card and wood are strong materials and can be used to make a stronger structure. Paper and materials are weaker materials.

Key Skills

- I can investigate other designer's products and discuss the features of them.
- I can perform practical tasks using a range of materials and tools.
- I can design and record what I am making and discuss I need to do next.
- I can note changes made during the making process.
- I can say what I like or don't like about items I have made and explain why.
- I can discuss how closely my product meets the design criteria.
- I can build structures and explore how they can be made stiffer, stronger and more stable.
- I can use a variety of tools safely.
- I can explore and use mechanisms in my products.

Vocabulary	Strong	Tools	Stiffer
Design	Weak	Record	Stable
Designer	Materials	Product	Design criteria
Thick	Structure		

Learning Outcomes

- I can investigate other designer's products and discuss the features of them.
- I can design and record what I am making and discuss I need to do next.
- I can build structures and explore how they can be made stiffer, stronger and more stable.