



# Building a Playground (Structures)

## We are learning to design and build a model playground

Structures can be strengthened by manipulating materials and shapes.

A prototype is a cheap model to test a design idea.

Designers visualise objects in plan view and more frequently these days, get creative by including natural features and using natural materials



Design can impact users in positive and negative ways.



**What have we already learnt?**  
Throughout Year 4 and 5, children have had opportunities to strengthen structures and use shapes that make structures strong effectively. They have built a range of skills and understanding about how to use woodworking tools accurately and safely. They have experience of how to measure accurately.

Vocabulary	Definition
plan view	the appearance of an object as seen from above
footprint plan	provides the outline of a structure with a description of the exact size, shape, and location of its foundation
adapt	to make suitable to requirements or conditions
modify	to change in some way
natural materials	any raw materials we take from nature to make things
mark out	to show where it begins and ends