

Playgrounds : DT : Year 1

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To explore the components, materials and features of playground equipment.	Children to explore and discuss various different playground equipment and the materials used to make it. They will choose two different pieces of equipment to draw, label and describe.	- Can children identify different pieces of playground equipment? - Can children make careful observations of playground equipment? - Can children draw and label different pieces of playground equipment?	- Slides - Worksheet 1A/1B/1C - Picture Cards - Digital cameras (FSD? activity only)
Lesson 2	To be able to explore different ways of joining and strengthening materials to create pieces of playground equipment.	Children to explore how different playground equipment is made and the safety aspects involved with them. They will experiment with different materials to make different models of playground equipment, checking the strength and sturdiness of them.	- Can children choose appropriate materials and explore different ways of combining them for a particular purpose? - Can children identify and investigate ways of strengthening their models to make them sturdy? - Can children discuss how effective their models are?	- Slides - Challenge Cards - Challenge Sheets (FSD? activity only) - Variety of materials and tools
Lesson 3	To be able to design a piece of playground equipment.	Children will design a piece of playground equipment thinking about the materials they would need to use to build it.	- Can children draw labelled diagrams of their designs? - Can children describe the materials and tools they will need to create their model? - Are children clear about the steps they will need to take to create their piece of playground equipment?	- Slides - Worksheet 3A/3B - Challenge Sheets (FSD? activity only) - A3 paper (FSD? activity only)
Lesson 4	To be able to make a piece of playground equipment according to a design.	Children to follow their designs to make their piece of playground equipment. They should think about how to work safely and carefully within the classroom.	- Can children follow their designs to create their playground equipment? - Can children join materials together appropriately to create sturdy structures? - Can children decorate their playground equipment to make them look aesthetically pleasing?	- Slides - Designs from lesson 3 - Variety of materials (depending on designs) - Tools, e.g. masking tape, scissors, staplers, elastic bands, blu-tack, plasticine, etc. - Large sheets of card (FSD? activity only)
Lesson 5	To be able to evaluate a finished product.	Children to share and demonstrate how their piece of playground equipment works. They will then evaluate their own piece of playground equipment using the worksheet provided.	- Do children know what evaluation is and why it is important? - Can children evaluate their own finished products fairly? - Can children comment on the finished products of other children and say what they think and feel about them?	- Slides - Finished playground equipment models - Worksheet 5A/5B - Question Cards (FSD? activity only)