

Bird House Builders : DT : Year 6

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To investigate the purpose and appearance of bird houses.	Children will look at a variety of different bird houses and discuss the differences in appearance, their functions and what types of birds they attract. They will answer questions relating to what they learn from the slides and what they see on the video.	<ul style="list-style-type: none"> Can children explain what a bird house is and why people construct them? Do children understand that different birds require different bird house features? Can children research, observe and record bird behaviours and their needs? 	<ul style="list-style-type: none"> Slides Bird House Video Worksheet 1A/1B/1C Bird Fact Cards (for FSD? activity only) Access to the internet (for FSD? activity only)
Lesson 2	To investigate the materials and features of bird houses and how to draw diagrams.	Children will discuss and explore different materials used to build bird houses and any additional features that have been added to them. They will be challenged to draw 3-D diagrams or exploded diagrams of different bird houses and discuss why creating a plan beforehand is important.	<ul style="list-style-type: none"> Can children describe the materials and features bird houses have? Do children understand what exploded and 3-D diagrams are used for? Can children draw 3-D diagrams and exploded diagrams? 	<ul style="list-style-type: none"> Slides Bird House Materials Sheet (enlarged to A3) Bird House Images Diagram Challenge 2A/2B/2C Sketching paper, rulers and sharp pencils. Exploded Diagram Images (for FSD? activity only)
Lesson 3	To investigate and practise woodworking skills.	Children will explore and explain the various different woodwork equipment needed to build their bird houses. They will then practise these skills to help learn techniques before building their actual bird house.	<ul style="list-style-type: none"> Can children explain what tools and equipment are needed to make objects with wood? Can children follow instructions to practise woodwork skills? Do children understand the importance of safety precautions when working with wood and tools? 	<ul style="list-style-type: none"> Slides Woodwork Skill Cards Worksheet 3A/3B Safety Poster Hand saws, clamps, nails, hammers, hand drills, measuring tape, balsa wood, dowling rods, glue guns and sandpaper. Observation Cards (for FSD? activity only)
Lesson 4	To be able to design a bird house for a specific bird.	Children to write a detailed plan and design a bird house with a specific bird in mind. They will need to find information for the birds requirements, decide on materials to use and equipment, think how to decorate it and any additional features as well as consider safety precautions.	<ul style="list-style-type: none"> Can children design a bird house to suit a specific bird? Can children draw diagrams of their bird house design? Do children know what tools, equipment and safety precautions are needed to make a bird house? 	<ul style="list-style-type: none"> Slides Design Plan 4A/4B/4C Sketching paper Access to the internet Design Request Cards (for FSD? activity only)
Lesson 5	To be able to make a bird house by following a plan.	Referring to previously created designs, children will make their bird houses. They will need to collect the materials and tools they will need and work safely and carefully when constructing their bird house.	<ul style="list-style-type: none"> Can children follow a plan to make a bird house? Can children make amendments to plans to make construction easier? Can children choose appropriate materials to make specific features. 	<ul style="list-style-type: none"> Slides Bird House Dimension Sheet Bird House Wood List Bird House Instruction Sheet (x3) Safety Poster Challenge Questions Equipment List (for teachers) Alternative Bird House Images (for FSD? activity only) Craft materials, coke and milk bottles (for FSD? activity only)
Lesson 6	To evaluate, make predictions and promote a completed bird house.	Children will evaluate their own design process and finished product. They may either do this individually using the evaluation sheet provided or in small groups.	<ul style="list-style-type: none"> Can children answer evaluation questions on their completed bird house? Do children understand why evaluating designs and products is important? Can children use retail ideas to promote their bird house to a prospective buyer? 	<ul style="list-style-type: none"> Slides Evaluation Sheet 6A/6B/6C (enlarged to A3) Observation Sheet Advert Template (for FSD? activity only) Video Planning Sheet (for FSD? activity only)