

Subject:	Design and technology
Country:	Latvia
Title:	Birdhouse
Age:	>12
Duration:	1 hour
Objective:	<ul style="list-style-type: none"> - explore different types of birdhouses - understand measurement steps - make a scaled birdhouse mock-up - apply knowledge acquired in practice
Equipment:	<p><u>Types of birdhouses</u>: Internet sources for researching the variety of birdhouses, A4 sheet for sketches, pencil, eraser.</p> <p><u>Dimensions of birdhouses</u>: pencil, eraser, A4 sheet for writing down the dimensions.</p> <p><u>Birdhouse model</u>: pencil, eraser, ruler, L shaped ruler, fine saw, drills of various diameters, PVA B3 glue, small nails, various wood materials, clamps.</p>
Description:	<p>Types of birdhouses <u>Study problem</u>: What types of birdhouses are available in internet sources, what are their varieties and key differences? <u>Task</u>: Explore the diversity of birdhouses using Internet sources, choose the type of birdhouse for the implementation of scaled mock-up.</p> <p>Dimensions of birdhouse <u>Study problem</u>: Are all birdhouses the same size? <u>Task</u>: Create a sketch with appropriate dimensions of the chosen birdhouse model.</p> <p>Birdhouse model <u>Study problem</u>: What is mock-up and how to make it? <u>Task</u>: Choose an unplanned board, mark required dimensions on the material on the selected scale (e.g., M-1:2). Carry out the intended drills. Cut out the necessary parts using a fine saw. Glue the prepared parts (fine nails may be used to secure the parts). Make corrections to the visual imperfections of the mock-up if necessary.</p>
Comments:	