

<b>Training Package</b>	<b>Entertainment (CUE03)</b>	<b>HSC Requirements and Advice</b>
<b>Title</b>	<b>Make prop furniture</b>	
<b>Unit code</b> <b>CUEPRP05A</b>	<b>Unit Descriptor</b> This unit describes the skills and knowledge required to make a range of prop furniture, and would generally include the construction of trick furniture. This unit relates to the construction of furniture for use in a theatrical or event context and does not cover general furniture construction skills, which are found in the Furniture Training Package.	<b>HSC Indicative Hours</b>  <b>30</b>

<b>Evidence Guide</b>			
<b>Underpinning skills and knowledge</b>	<b>Linkages to other units</b>	<b>Resource requirements</b>	<b>HSC Requirements and Advice</b>
<p>Assessment must include evidence of the following knowledge and skills:</p> <ul style="list-style-type: none"> <li>• typical ways in which furniture may be used as a prop in different production/event contexts</li> <li>• types of furniture that might be constructed and those most likely to be acquired by other means</li> <li>• properties and applications of materials commonly used for prop furniture</li> <li>• techniques for trick furniture, including how to create a breakaway section</li> <li>• safety issues associated with the use of materials, tools and equipment for furniture construction</li> <li>• literacy skills sufficient to interpret production documentation</li> <li>• numeracy skills sufficient to calculate measurements and quantities and to interpret construction plans.</li> </ul>	<p>This unit has linkages to a range of other general technical and props construction units, and combined assessment and/or training with those units may be appropriate, eg:</p> <ul style="list-style-type: none"> <li>• CUESET17A Develop props construction plans to meet design requirements</li> <li>• CUESET04B Use research, innovation and experimentation to create props.</li> </ul>	<p>This unit requires access to:</p> <ul style="list-style-type: none"> <li>• equipment, tools and materials used to construct prop furniture</li> <li>• work area where prop furniture can be safely constructed.</li> </ul>	<p><b>Key Terms and Concepts</b></p> <ul style="list-style-type: none"> <li>• budget and other constraints</li> <li>• calculation of quantities</li> <li>• construction methods, techniques and finishes</li> <li>• construction plans</li> <li>• occupational health and safety (OHS) issues</li> <li>• production costs</li> <li>• production documentation</li> <li>• prop furniture</li> <li>• relevant colleagues</li> <li>• safe work practices</li> <li>• sources of props</li> <li>• tools and equipment</li> <li>• traditional and contemporary materials</li> <li>• trick furniture.</li> </ul>

Method and context of assessment	Critical aspects of evidence	HSC Requirements and Advice
<p>The assessment context must provide for:</p> <ul style="list-style-type: none"> <li>• practical demonstration of skills through the creation of prop furniture for a production/event</li> <li>• construction of furniture items within a commercially-realistic timeframe.</li> </ul> <p>Assessment may incorporate a range of methods to assess performance and the application of essential underpinning knowledge, and might include:</p> <ul style="list-style-type: none"> <li>• evaluation of furniture items constructed by the candidate in terms of suitability for production and quality of finish</li> <li>• oral or written questioning to assess knowledge of safety issues and particular construction techniques</li> <li>• case studies to assess ability to select different techniques to meet varying production requirements</li> <li>• review of portfolios of evidence and third party workplace reports of on-the-job performance by the candidate.</li> </ul>	<p>The following evidence is critical to the judgement of competence in this unit:</p> <ul style="list-style-type: none"> <li>• safe and correct use of techniques to make prop furniture</li> <li>• knowledge of the properties of materials used in the making of prop furniture and the associated safety issues.</li> </ul>	

### Key competencies in this unit

Key competencies are built into all workplace competencies. The table below describes those applicable to this unit. Trainers and assessors should ensure that they are addressed in training and assessment.

Level 1 = Perform      Level 2 = Administer and Manage      Level 3 = Design and Evaluate

Key competencies	Level	Examples
Collecting, organising and analysing information	1	Interpreting furniture construction plans
Communicating ideas and information	2	Presenting ideas on how a requested breakaway effect could be achieved
Planning and organising activities	2	Organising the construction of several items within a restricted timeframe
Working with others and in teams	2	Discussing the best way to achieve the breakaway effect required
Using mathematical ideas and techniques	1	Calculating measurements
Solving problems	2	Developing a less expensive way of achieving the desired result
Using technology	1	Using power tools

Element	Performance Criteria	Range Statement	HSC Requirements and Advice
1 Assess the need for prop furniture	1.1 Liaise with relevant colleagues to confirm props production requirements	<p>The following explanations identify how this unit may be applied in different workplaces, sectors and circumstances.</p> <p>Relevant colleagues may include:</p> <ul style="list-style-type: none"> <li>• other props personnel</li> <li>• other workshop personnel, eg set builder, scenic artist</li> <li>• technical colleagues, eg costume, lighting</li> <li>• designers</li> <li>• directors</li> <li>• performers</li> </ul> <p>Prop furniture may be:</p> <ul style="list-style-type: none"> <li>• weight-bearing</li> <li>• non weight-bearing</li> <li>• trick/breakaway</li> </ul>	<p><b>Learning experiences for the HSC must address:</b></p> <p>The importance of communicating with colleagues including:</p> <ul style="list-style-type: none"> <li>• other props personnel</li> <li>• other workshop personnel <ul style="list-style-type: none"> <li>- set builder</li> <li>- scenic artist</li> </ul> </li> <li>• technical colleagues <ul style="list-style-type: none"> <li>- costume</li> <li>- lighting</li> </ul> </li> <li>• designers</li> <li>• directors</li> <li>• performers.</li> </ul>
	1.2 Read and correctly interpret the props production schedule, props specifications, lists and scale drawings when available		<p><b>Learning experiences for the HSC must address:</b></p> <p>Documentation to determine prop requirements including:</p> <ul style="list-style-type: none"> <li>• script</li> <li>• prop production schedule</li> <li>• prop specifications</li> <li>• prop lists</li> <li>• scale and technical drawings.</li> </ul>
	1.3 Assess the precise nature of prop furniture requirements based on review of documentation and in consultation with relevant colleagues	<p>Prop furniture may be:</p> <ul style="list-style-type: none"> <li>• weight-bearing</li> <li>• non weight-bearing</li> <li>• trick/breakaway</li> </ul> <p>Relevant colleagues may include:</p> <ul style="list-style-type: none"> <li>• other props personnel</li> <li>• other workshop personnel, eg set builder, scenic artist</li> <li>• technical colleagues, eg costume, lighting</li> <li>• designers</li> <li>• directors</li> <li>• performers</li> </ul>	<p><b>Learning experiences for the HSC must address:</b></p> <p>Knowledge of a range of prop furniture and their use including:</p> <ul style="list-style-type: none"> <li>• weight-bearing</li> <li>• non weight-bearing</li> <li>• trick/breakaway.</li> </ul> <p>A basic knowledge of:</p> <ul style="list-style-type: none"> <li>• the history of furniture</li> <li>• traditional and contemporary materials for the manufacture of furniture</li> <li>• construction techniques for prop furniture</li> </ul> <p>Awareness of the roles, responsibilities and interrelationships of those working within the props workshop and the creative production team.</p>

Element	Performance Criteria	Range Statement	HSC Requirements and Advice
2 Select prop furniture construction techniques and equipment	2.1 Select the most appropriate furniture construction technique based on an analysis of how the prop is to be used, including whether the prop needs to be weight-bearing	Nature of prop furniture and construction techniques may be impacted by: <ul style="list-style-type: none"> <li>• number of times to be used</li> <li>• how the item will be used</li> <li>• proximity of audience</li> <li>• visibility by audience, eg only front will be seen</li> <li>• style of rest of the set</li> </ul>	<p><b>Learning experiences for the HSC must address:</b></p> <p>Considerations for the selection of construction methods, techniques and finishes for prop furniture including:</p> <ul style="list-style-type: none"> <li>• number of times to be used</li> <li>• how the item will be used</li> <li>• proximity of audience</li> <li>• visibility by audience <ul style="list-style-type: none"> <li>- full view</li> <li>- front view only</li> </ul> </li> <li>• style of set</li> <li>• materials</li> <li>• occupational health and safety (OHS) issues</li> <li>• special requirements <ul style="list-style-type: none"> <li>- trick furniture.</li> </ul> </li> </ul> <p>Techniques for the production of trick furniture including breakaway sections.</p> <p>Sources of props including:</p> <ul style="list-style-type: none"> <li>• existing props stores</li> <li>• purchased from shops</li> <li>• modification of existing props</li> <li>• in-house construction.</li> </ul>
	2.2 Correctly identify any budgetary or other constraints when making furniture construction decisions		<p><b>Learning experiences for the HSC must address:</b></p> <p>An awareness of the costs involved in the construction of prop furniture including:</p> <ul style="list-style-type: none"> <li>• materials</li> <li>• labour.</li> </ul> <p>A basic understanding of constraints relating to production schedules and workshop construction processes including:</p> <ul style="list-style-type: none"> <li>• time</li> <li>• location</li> <li>• skills</li> <li>• available materials.</li> </ul>
	2.3 Select correct tools, equipment and materials for prop furniture construction in accordance with	Materials used for the creation of prop furniture may include: <ul style="list-style-type: none"> <li>• timber</li> </ul>	<p><b>Learning experiences for the HSC must address:</b></p> <p>A range of tools and equipment including:</p>

Element	Performance Criteria	Range Statement	HSC Requirements and Advice
	construction plan	<ul style="list-style-type: none"> <li>• timber products, eg plywood, particle board, craftwood</li> <li>• masonite</li> <li>• metal products, eg bars, tubes, sheets</li> <li>• moulded or cast metal</li> <li>• fibreglass</li> <li>• fabrics</li> <li>• plastics, eg moulded sheet</li> <li>• fabric</li> <li>• leather</li> <li>• paper products</li> <li>• plaster</li> <li>• mouldable materials</li> <li>• thermoplastic</li> <li>• polystyrene</li> <li>• fasteners</li> <li>• adhesives</li> </ul>	<ul style="list-style-type: none"> <li>• name</li> <li>• properties</li> <li>• use</li> <li>• potential hazards</li> <li>• safety precautions.</li> </ul> <p>A basic knowledge of the properties and use of a range of materials.</p>
	2.4 Calculate correct quantities of materials, avoiding wastage where possible		<p><b>Learning experiences for the HSC must address:</b></p> <p>Calculation of quantities of materials for prop furniture construction including:</p> <ul style="list-style-type: none"> <li>• a working knowledge of <ul style="list-style-type: none"> <li>- measuring tools</li> <li>- scale drawings</li> <li>- materials lists</li> </ul> </li> <li>• use of mathematical concepts <ul style="list-style-type: none"> <li>- volume</li> <li>- mass</li> <li>- length, breadth and height</li> </ul> </li> <li>• waste minimisation <ul style="list-style-type: none"> <li>- estimation of waste calculated into overall requirements</li> </ul> </li> <li>• working with geometric and irregular shapes.</li> </ul>
3 Make prop furniture	3.1 Use techniques, tools and materials correctly and safely to create prop furniture items	<p>Tools and equipment for the creation of prop furniture would generally be the same as those used in general furniture construction</p> <p>Materials used for the creation of prop furniture may include:</p> <ul style="list-style-type: none"> <li>• timber</li> <li>• timber products, eg plywood, particle board,</li> </ul>	<p><b>Learning experiences for the HSC must address:</b></p> <p>A basic understanding of OHS legislation and requirements.</p> <p>Awareness of safe work practices involved in the construction of prop furniture including:</p> <ul style="list-style-type: none"> <li>• risk management</li> </ul>

Element	Performance Criteria	Range Statement	HSC Requirements and Advice
		<ul style="list-style-type: none"> <li>• craftwood</li> <li>• masonite</li> <li>• metal products, eg bars, tubes, sheets</li> <li>• moulded or cast metal</li> <li>• fibreglass</li> <li>• fabrics</li> <li>• plastics, eg moulded sheet</li> <li>• fabric</li> <li>• leather</li> <li>• paper products</li> <li>• plaster</li> <li>• mouldable materials</li> <li>• thermoplastic</li> <li>• polystyrene</li> <li>• fasteners</li> <li>• adhesives</li> </ul>	<ul style="list-style-type: none"> <li>• adequate lighting and ventilation</li> <li>• use of personal protective equipment (PPE)</li> <li>• safe use of hazardous substances</li> <li>• adherence to manufacturer's instructions</li> <li>• reference to Material Safety Data Sheet (MSDS).</li> </ul>
	3.2 Correctly interpret and follow furniture construction plans	Nature of prop furniture and construction techniques may be impacted by: <ul style="list-style-type: none"> <li>• number of times to be used</li> <li>• how the item will be used</li> <li>• proximity of audience</li> <li>• visibility by audience, eg only front will be seen</li> <li>• style of rest of the set</li> </ul>	<b>Learning experiences for the HSC must address:</b> Construction requirements including: <ul style="list-style-type: none"> <li>• size</li> <li>• shape</li> <li>• materials</li> <li>• joining techniques.</li> </ul>
	3.3 Check furniture in terms of required durability, quality of finish and suitability for production requirements\		
	3.4 Identify the needs for adjustments and action accordingly		
	3.5 Prepare items in readiness for finishing in accordance with production requirements	Preparation of items for finishing may include: <ul style="list-style-type: none"> <li>• sanding</li> <li>• priming</li> </ul>	<b>Learning experiences for the HSC must address:</b> Awareness of finishing techniques in readiness for application of art finish including: <ul style="list-style-type: none"> <li>• sanding</li> <li>• priming.</li> </ul>