



5.3 | Apply: Graphic KSA Map for Furniture Refinishing Workshop

This is a Knowledge, Skills, and Attitudes (KSA) map resulting from an analysis of the content for a *Fundamentals of Furniture Refinishing* workshop, designed for an audience of hobby refinishers and entry-level workers in the furniture refinishing business. This diagram identifies four Modules for the workshop. The designer identified KSAs and assigned skill priorities only for Modules 1 and 4. **What would you change or add to his analysis for Modules 1 and 4, and what KSAs and priorities would you add to complete Modules 2 and 3?**

Formal Course/ Informal Workshop	Workshop Title: Fundamentals of Furniture Refinishing Applicable job competency: Semi-professional-level skill at refinishing furniture and antiques. Terminal Goal: <i>Students enrolled in WW150 Fundamentals of Furniture Refinishing will acquire a detailed, working knowledge of the refinishing process, the advantages, and disadvantages of different finishes, and will refinish a small piece of furniture.</i>							
→	Module 1	Module Title: Basics of Refinishing Terminal Objective 1.1: <i>The learner will successfully complete performance tasks that demonstrate a working understanding of the furniture refinishing process and refinishing options.</i>						
	→	Lesson 1.1	What is the condition of fine wood furniture?					
			Knowledge	Attitudes	Skills (includes interpersonal skills)	Frequency (#/job) Difficulty (ND, M, D) Priority (E, I, NK)		
			Wood Types	Value quality refinishing. Value quality furniture.	Identify types of wood.	1 x	M	E
					Distinguish between junk and furniture worthy of refinishing.	1 x	M	NK
					Identify the approximate age, quality, and worth of a piece of furniture.	1 x	D	I
	→	Lesson 1.2	What is involved in the refinishing process?					
			Knowledge	Attitudes	Skills (includes interpersonal skills)	Frequency/ Difficulty/Priority		
			Common tasks, procedures & terminology					
→	Module 2	Module Title: Environmental & Safety Regulations for Refinishing Furniture Terminal Objective 2.1: <i>The learner will access the environmental and safety regulations related to furniture refinishing and demonstrate an understanding of them by explaining how they apply to common work tasks.</i>						
	→	Lesson 2.1	Knowledge	Attitudes	Skills (includes interpersonal skills)	Frequency/ Difficulty/Priority		
			OSHA HAZCOM regulations. HAZMAT regulations.	Appreciation for the dangers involved in refinishing.				



			Safety procedures	Value the environment & choose to follow regulations to protect it.				
→	Module 3	Module Title: Selecting Appropriate Methods, Tools and Materials Terminal Objective 3.1: <i>The learner will accurately assess furniture condition and identify appropriate methods, tools, and materials for a refinishing job.</i>						
	→	Lesson 3.1	What equipment and materials are required for refinishing?					
			Knowledge	Attitudes	Skills (includes interpersonal skills)	Frequency/ Difficulty/ Priority		
	→	Lesson 3.2	How do you determine what refinishing tasks are required for a specific project?					
			Knowledge	Attitudes	Skills (includes interpersonal skills)	Frequency/ Difficulty/Priority		
→	Module 4	Module Title: Selecting Appropriate Methods, Tools and Materials Terminal Objective 4.1: <i>The learner will competently complete a small-scale refinishing job.</i>						
	→	Lesson 4.1	How do you competently refinish furniture?					
			Knowledge	Attitudes	Skills (includes interpersonal skills)	Frequency/ Difficulty/Priority		
			Procedures for refinishing tasks. Best practices for refinishing tasks.	Choose to provide quality workmanship to customers.	Effective customer service & relations.	Each job	Learner dependent	
					Identify the type of wood to be finished.	1 x	M	E
					Select appropriate solvent for paint or finish.	1 x	ND	E
					Remove old finish.	1 x	D	E
					Sand & fill if necessary.	2-3	M	E
					Repair structural elements of furniture.	1 x	M	I
					Apply stain, sealer, or other agent.	2-3	M	E
					Apply finish coat(s) of paint, polyurethane, varnish or other agent.	2-3	D	E
					Smooth & polish.	2-3	ND	I
					Quality check (even, smooth, complete, etc.).	After each step	MD	I