

Outdoor Furniture for Transforming Urban Spaces into Community Gathering Spots, www.archpaper.com/2025/11/outdoor-furniture-community-gathering/. Accessed 23 Jan. 2026.

This source is an article from The Architect's Newspaper that looks at how outdoor furniture design can change urban spaces into lively community gathering spots. The article covers design principles, material choices, and layout setups that promote social interaction and public use of outdoor areas. I chose this source because my capstone focuses on creating furniture for a roof deck. This is a type of urban outdoor space that should encourage community and relaxation. Understanding how professional designers handle furniture placement and selection for public and semi-public spaces will guide my own design choices. I found this source valuable because it highlights the connection between furniture design and human behavior, making me consider how my pieces will be used rather than only focusing on construction techniques. The article also talks about durability and weather resistance, which are important for roof deck furniture. One limitation of this source is that it mainly covers large public projects instead of residential or small-scale uses. I will need to adjust the principles discussed to fit the more personal scale of my capstone project.

"The Rail Park - Studio: Bryan Hanes." Studio, www.studiobryanhanes.com/railpark. Accessed 23 Jan. 2026.

This source is a page from landscape architect Bryan Hanes' portfolio that highlights his work on the Rail Park project, which converted abandoned railroad infrastructure into green space for the general public. Photographs, architectural renderings, and descriptions of specially made furniture and landscape features for this urban park setting are all included on the page. I chose this source because it offers actual examples of outdoor furniture made for exposed, high-altitude urban settings, which are comparable to the circumstances my roof deck furniture would encounter. The Rail Park project serves as an example of how well-considered furniture design may improve both use and attractiveness in difficult outdoor settings. Because the visual documentation demonstrates how various furniture pieces complement one another to create unified outdoor environments.

"Public Space." ArchDaily, www.archdaily.com/search/projects/categories/public-space. Accessed 23 Jan. 2026.

This source is a searchable database on ArchDaily featuring hundreds of public space projects from around the world, including parks, plazas, roof decks, and community gathering areas. Each project entry includes professional photographs, architectural drawings, designer statements, and technical information about materials and construction methods. I selected this source because it provides a wide range of contemporary examples of outdoor furniture integration in public and semi-public spaces, allowing me to study multiple approaches to roof deck and elevated outdoor area design. The diversity of projects helps me understand different

climate considerations, cultural contexts, and design philosophies that influence outdoor furniture choices. I found this source useful because it offers both visual inspiration and practical information about material durability, joinery techniques, and weatherproofing strategies used by professional architects and designers worldwide. The ability to filter projects by type and location makes it easy to find relevant examples. One limitation of this source is its broad scope—with so many projects available, it can be overwhelming to sort through, and not all entries include detailed information about furniture construction, focusing instead on overall architectural design.

Bates, Jay. Jay Bates. YouTube, www.youtube.com/@JayBates. Accessed 10 Feb. 2026.

This source is a YouTube channel focused on woodworking projects, techniques, and tutorials for beginner and intermediate woodworkers. Jay Bates provides clear video demonstrations of furniture builds, tool reviews, and carpentry methods relevant to real-world projects. I chose this source because it gives visual, step-by-step guidance for making outdoor furniture pieces, which is important for my capstone project of creating two pieces of wood furniture for a roof deck. The video format lets me see techniques in action, making it easier to grasp joinery, finishing, and construction methods that I need to use. I found this source helpful because Bates highlights practical, accessible approaches to woodworking that don't require costly tools or professional-level skills. One drawback of this source is that it does not include detailed written plans and exact measurements that printed sources offer. This means I have to pause and rewind often to catch specific details during the building process.

Construct101. "Leopold Bench Plans." Construct101, www.construct101.com/leopold-bench-plans/. Accessed 2 Feb. 2026.

This source provides building plans for a Leopold bench, including materials lists, cut lists, detailed diagrams, and step-by-step assembly instructions. The Leopold bench is a popular outdoor furniture design known for its comfort and simple construction, making it ideal for a roof deck setting. I chose this source because it includes exact measurements and a clear construction sequence that I can follow for one of my capstone furniture pieces. The detailed diagrams show how each component fits together, which is crucial for someone working on a significant carpentry project. I found this source useful because it breaks down the building process into manageable steps and includes visual aids that support the written instructions. The materials list also helps me budget and plan my lumber purchases effectively. One limitation of this source is that it doesn't cover potential modifications for different wood types or weather-resistant finishes. I will need to research these separately since my furniture will be exposed to outdoor elements on a roof deck.

Wood Magazine. Wood Magazine, www.woodmagazine.com. Accessed 22 Jan. 2026.

This source is an online woodworking magazine that features project plans, technique articles, tool reviews, and expert advice on all aspects of woodworking and carpentry. Wood Magazine covers topics from basic joinery to furniture making, with a focus on both indoor and outdoor projects. I chose this source because it provides vetted information and plans that can guide my furniture construction for the roof deck. This ensures my techniques and material choices are sound. The magazine's emphasis on outdoor furniture projects is particularly relevant since these pieces need to withstand weather exposure. I find this source useful because it offers various perspectives on similar projects, allowing me to compare different construction and finishing approaches. The articles on wood selection and weatherproofing are especially valuable for making sure my furniture will last in an outdoor setting. One downside of this source is that much of the premium content, including detailed plans and full articles, requires a subscription. This limits my access to some valuable resources on the site.

"Best Outdoor Wood Finish: How to Protect and Preserve Wood." AWIQCP, www.awiqcp.org/news-and-blog/the-best-outdoor-wood-finish-how-to-protect-your-wood-like-a-por/. Accessed 22 Dec. 2025.

This source provides information about outdoor wood finishes, including spar urethane and teak oil, explaining differences between film-forming and penetrating finishes. I selected this source because protecting my roof deck furniture from weather damage is critical to project longevity. I found this source useful because it compares multiple finish types and addresses UV protection, which is important for exposed rooftop locations. One limitation is that it focuses on general outdoor applications rather than specifically addressing unique roof deck challenges like extreme sun exposure and wind conditions at elevated heights. But it was very useful to pick out my paints and finishes to use for my final products.

"9 Wood Species Best for Outdoor Projects." Table Legs Online, www.tablelegsonline.com/blog/9-wood-species-best-for-outdoor-projects/. Accessed 15 Dec. 2025.

This source examines nine wood species suitable for outdoor furniture, including teak, cedar, and redwood, providing information about moisture resistance, decay resistance, and durability. I selected this source because choosing the right wood is fundamental to creating furniture that withstands roof deck conditions. I found this source useful because it includes expert opinions about how each species performs outdoors, including expected lifespan and finishing requirements. One limitation is that it doesn't provide current pricing or availability information, which would help with budgeting my capstone project materials. It is really helpful to find

different properties of different types of wood and played a big role in me choosing pine wood for my final designs.

"Mortise and Tenon Joinery." Country Casual Teak, www.countrycasualteak.com/mortise-and-tenon-joinery. Accessed 21 Dec. 2025.

This source focuses on mortise and tenon joints. They are really good for outdoor furniture. The thing about mortise and tenon joints is that they let the wood move naturally when it gets wet or dry so the joints do not come loose. I picked this information because I want to build furniture that can stay outside all year round without falling. I thought this was useful to know because mortise and tenon joints are better than using metal to hold things when you are making something for outside. Metal can get rusty or come loose but mortise and tenon joints do not have this problem, which is why mortise and tenon joints are better, for outdoor things. One limitation is that it doesn't provide step-by-step instructions for executing these joints, so I need additional resources to learn the actual cutting and assembly techniques.

Kreg Tool. "9 Types of Wood Joints - The Best Methods for Joining Wood." Kreg Tool, www.kregtool.com/learn/joining-wood/. Accessed 21 Dec. 2025.

This source talks about different ways to join wood together. It covers nine methods like pocket-hole, biscuit, dowel and mortise and tenon joints. The source explains what is good about each method and when to use them. I chose this source because I want to know about all the ways to join wood so I can pick the right method for each part of the furniture I am making. This depends on how strong it needs to be and how good I'm at making it. The source is helpful because it compares how hard each method is, how strong it makes the joint and what tools I need to use. For example it says that pocket-hole joints are easy to make, for beginners and they are still very strong. One limitation is that it doesn't address how different joints perform in outdoor conditions or discuss weather-related considerations like wood movement and moisture exposure.