



Leopold Bench http://www.aldoleopold.org/AldoLeopold/LeopoldEvents.shtml

Roger Hopkins, Ithaca, NY http://naturalhighs.net/waterfalls/misc/BuildLeopoldBench.html

Materials needed				
Quantity	Description	Purpose	Price*	Total
1	2" x 12" x 8' ground contact, #1, pressure treated	Seat and 2 back legs	\$26.00	\$26.00
2	2" x 10" x 8' ground contact, #1, pressure treated	Seat back and 2 front legs	\$14.00	\$28.00
8	4-1/2" HeadLok Screw	Attach seat and seat back	\$2.00	\$16.00
6	3/8-in 16 x 2-1/2-in Hot-Dipped Galvanized Carriage Bolt	Attach front and back legs	\$1.00	\$6.00
6	3/8-in 16 Hot-Dipped Galvanized Standard (SAE) Hex Nuts	Attach front and back legs	0.25	\$1.50
			Total	\$77.50

^{*}Prices are approximate (2021). Consult with local supplier for alternative (non-pressure treated, hardwood) lumber; prices may be higher.

Tools needed				
Mitre saw or wide miter box and saw				
Circular saw or rip hand saw for cutout for seat back				
Jig saw or hand saw to finish cutout for seat back				
Measuring tools and straight edge				
HeadLok spider driver bit				
3/8" socket wrench				
Drill				
3/8" drill bit for carriage bolts in legs				
1/8" drill bit for pilot hole for HeadLok screws in seat and back				
Sander and/or router for rounding edges				
Painting supplies and equipment (optional)				
Long pipe clamps (6') to assist with assembly (Optional)				
Bar clamps (12" or greater) to assist with attaching back (optional but desirable)				
PPE: Dust mask, ear and eye protection				