

"The North Star" Necklace

As seen in Rings & Things ad series



Created by: Mollie Valente

Suggested Materials:

<u>Qty.</u>	<u>Stock #</u>	<u>Name</u>
1	21-646-034	35mm gemstone donut, picture jasper 4695
3	21-647-034	15mm gemstone donuts, picture jasper 4709
1 pkg	55-000-01	Idea-ology™ sprocket gears, antiqued metals 22939 (Refer to image for 4 specific sprockets used)
1 pkg	55-000-04	Idea-ology swivel clasps, antiqued metals 22942
1	49-947-44-7	13mm TierraCast® Hammertone round link, antiqued copper plate 16091
1	64-980-24	24-gauge sheet, copper 18932 (one 5/16"x3" piece)
1	44-409-0	12mm star charm, raw brass 14200
6	26-804	3x4mm faceted rectangle beads, brass 9378
18"	40-099-21-6	4.8mm flattened drawn cable chain, (two 9" pieces) antiqued brass plate 19590
10"	40-099-23-7	11mm rollo chain, antiqued copper plate 19593
1	37-145-6	6mm round jump ring, antiqued brass plate 12290
8	37-167-6	8mm round jump rings, antiqued brass plate 22233
15	37-178-6	10mm round jump rings, antiqued brass plate 2236
1		solid brass bolt from hardware store (#4-40)
3		solid brass nuts from hardware store (#4-40, 2 nuts are hidden inside)



Tools and supplies: flat-nose pliers, chain-nose pliers, flush cutters, bail-making pliers (#69-275-21), metal stamping supplies (see metal stamping technique sheet), 2-hole punch (#69-235), bead reamer (#69-058), 1/8" letter stamps (#69-241-01), liver of sulfur (#86-354), screwdriver

TIPS:

- Create a bail using a 5/16"x3" piece of 24-gauge copper sheet. Cut, file, stamp, punch and ream the holes a bit larger. Use bail-making pliers (#69-275-21) 21004 to bend the stamped piece into a bail (dead center so the holes line up). Patina after bending.
- Glue the smaller of the sprockets onto the larger of the sprockets; carefully centering the design. Let the glue dry. Assemble on the bolt in this order: sprockets, bail, hidden nut (tighten), second hidden nut, donut, second side of bail, sprockets, nut. Center everything on the donut and tighten with a screwdriver.
- Create gemstone and donut chainmaille. Add four 10mm jump rings to each donut. Connect two per side with 8mm jump rings. Use 8mm jump rings on the ends.

- The clasp is on the side of the necklace. The pendant is centered when the end links on the antiqued copper chain line up.

See the following technique sheets:

- [Metal Stamping Techniques](#)
- [Basic Jewelry Making Techniques](#)