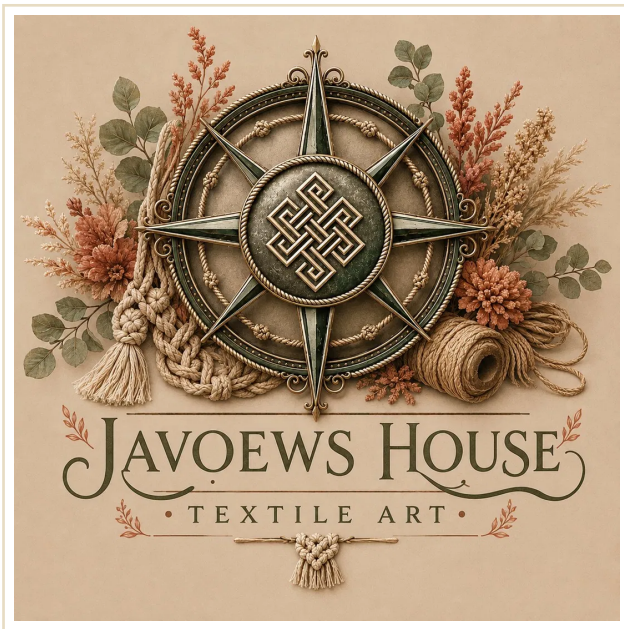


## Compass Rose Mandala

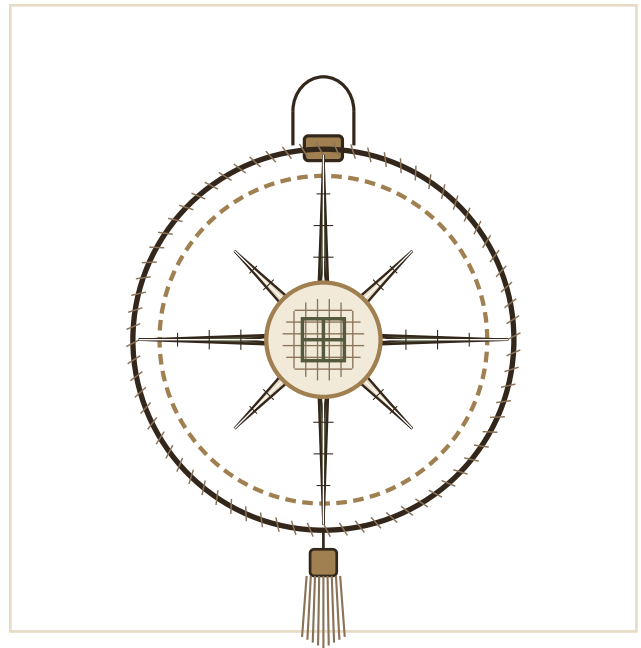
*A Javoews House pattern*

Skill level: Intermediate–Advanced • Finished size: 12 in W x 17 in L (30 x 43 cm) • Pattern No. 42

Estimated build time (beginner-to-intermediate): 7–9 hours / 2–3 evening sessions



**Inspiration**



**Finished pattern**

*A wrapped-ring compass mandala: eight diagonal clove hitch star points around a hand-woven centre medallion, finished with a brass-tone rope border, hanging loop and single tassel.*



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## Materials List

| Item                         | Spec                                                                     | Quantity             |
|------------------------------|--------------------------------------------------------------------------|----------------------|
| Cotton cord, single strand   | 4 mm, natural / ecru                                                     | approx. 58 yd (53 m) |
| Cotton cord, single strand   | 4 mm, olive green                                                        | approx. 22 yd (20 m) |
| Cotton cord, single strand   | 3 mm, camel / brass tone                                                 | approx. 12 yd (11 m) |
| Metal ring (outer frame)     | 12 in / 30 cm, gold or brass finish                                      | 1                    |
| Metal ring (medallion frame) | 5 in / 12.5 cm                                                           | 1                    |
| Tools                        | sharp shears, tapestry needle, 8 T-pins, cork or foam board, fabric comb | —                    |

### Time to complete — 7–9 hours total

Section pacing for a beginner-to-intermediate crafter: Ring wrap & frame 1 hr • Spokes & woven medallion 2 hrs • Cardinal star points 2–2.5 hrs • Intercardinal points 1.5 hrs • Rope border 45 min • Loop, tassel & finishing 45 min. Natural stopping points fall after the medallion and after the cardinal points — 2–3 evening sessions.

### Designer's note

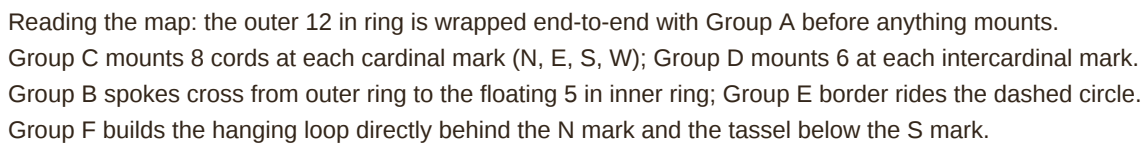
The inspiration image is the Javoews House compass emblem rather than a photographed knot piece, so cord counts are engineered from the drawn geometry: 8-point star, rope border ring, woven centre with the endless-knot motif. The painted florals are rendered as an optional dried-flower embellishment in the finishing notes, not a knotted element.



## Cord Cutting Chart

| Label | Purpose                              | Qty | Cut length                                     | Subtotal      |
|-------|--------------------------------------|-----|------------------------------------------------|---------------|
| A     | Outer ring HH wrap (natural)         | 1   | 10 yd continuous                               | 10 yd         |
| B     | Spokes + medallion weavers (natural) | 10  | 2 yd                                           | 20 yd         |
| C     | Cardinal star points (olive)         | 32  | 45 in                                          | 40 yd         |
| D     | Intercardinal points (natural)       | 24  | 36 in                                          | 24 yd         |
| E     | Rope border circle (camel 3 mm)      | 3   | 3.5 yd                                         | 10.5 yd       |
| F     | Hanging loop, tassel + wraps (mixed) | 15  | loop 30 in; tassel 12 x 14 in; wraps 2 x 24 in | 7 yd          |
| TOTAL |                                      | 85  |                                                | approx. 92 yd |

*Cut every cord 3–4 inches longer than listed — trimming waste is cheaper than a short filler on a diagonal rail.*



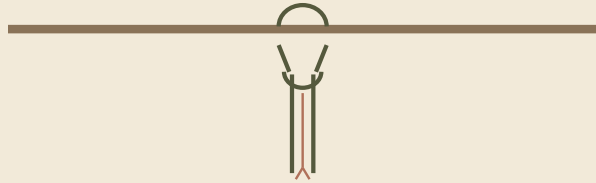
# HAPPY JUST CRAFTING

## Knot Reference Guide

Six knots build the entire piece. Each diagram shows cord paths in olive, holding cords/rings in taupe, and pull direction in rose.

Lark's Head

LH



Fold cord in half, pass loop over ring/holding cord, pull both tails through the loop and snug.

Half Hitch Ring Wrap

HH



Loop the wrap cord over the ring and through itself, repeat side by side to coat the metal completely.

Square Knot

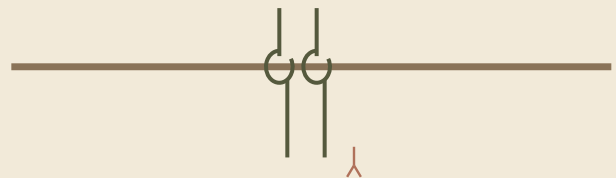
SK



Left cord over fillers/under right; right under fillers/through left loop. Repeat mirrored to square it.

Horizontal Double Half Hitch

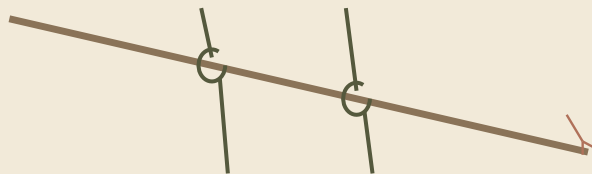
HDHH



Hold filler level and taut; each working cord makes two hitches over it, left to right.

Diagonal Double Half Hitch

DDHH



Same as HDHH but the filler is held at 45 degrees; the knot rail follows the diagonal exactly.

Gathering (Wrapping) Knot

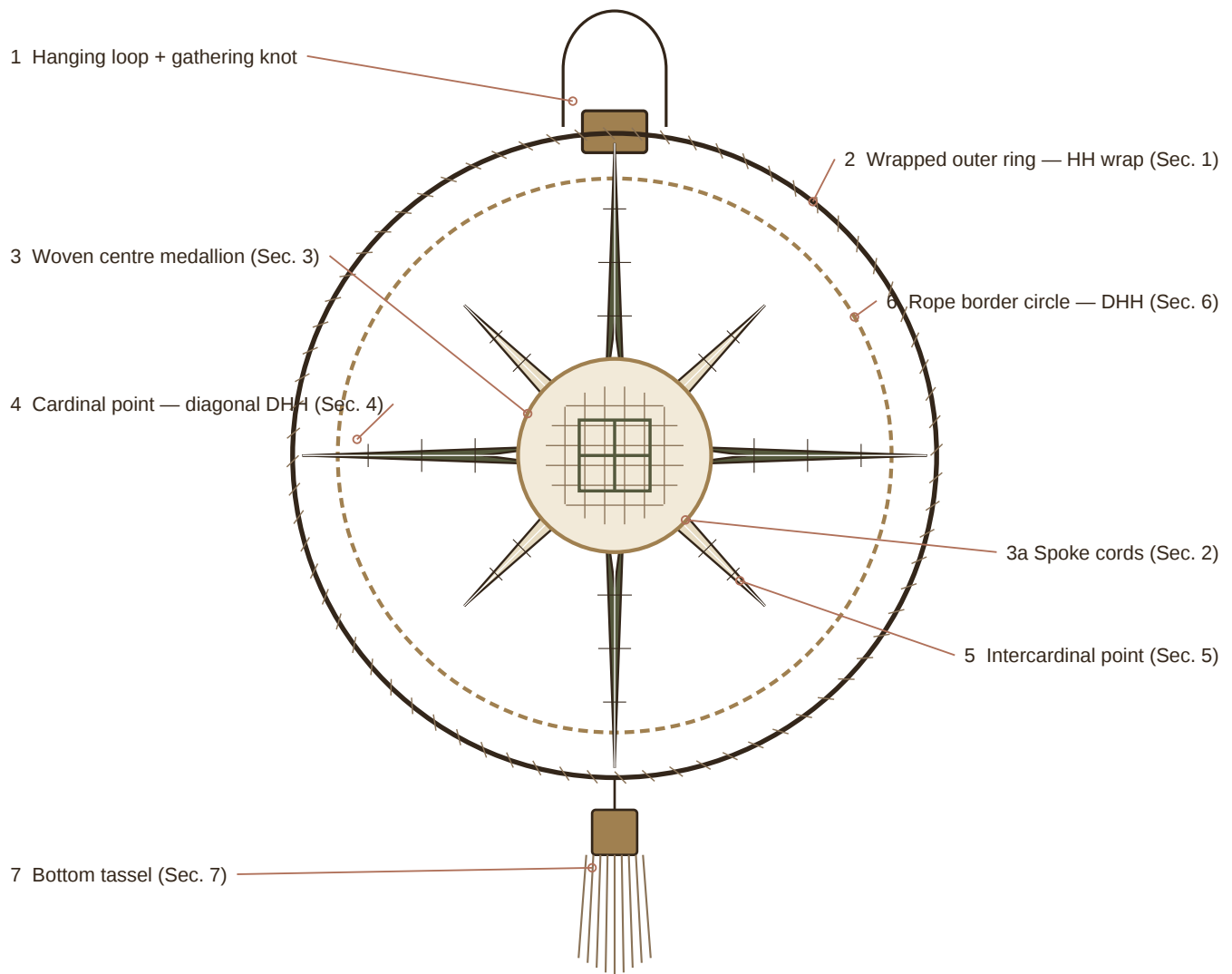
GK



Lay a loop along the bundle, coil the long end down 4-6 wraps, thread through the loop, pull hidden.

## Full Piece Assembly Map

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*Numbers match the build order overleaf. Work centre-out: medallion first, star points second, border last.*



## Build Order Overview

---

- 1. Wrap the outer ring — Group A half hitch wrap, full circumference.
- 2. Mount the frame — 8 compass marks, Group B spokes, centre the inner ring.
- 3. Weave the centre medallion — spiral weave plus the olive endless-knot accent.
- 4. Cardinal star points (N, E, S, W) — Group C diagonal DHH triangles, full length.
- 5. Intercardinal points (NE, SE, SW, NW) — Group D shorter triangles behind the cardinals.
- 6. Rope border circle — Group E cords carried around on DDHH just inside the ring.
- 7. Hanging loop, tassel & finishing — Group F, then trim, comb and steam.

## Construction

---

### Section 1 — Wrap the outer ring (45 min–1 hr)

- Anchor Group A on the 12 in ring and half hitch wrap the full circumference (Deep Dive 1, steps 1–3). Bury both tails under the wraps.
- Mark the 8 compass stations with T-pins, starting from the wrap seam — hide the seam behind what will be the N (top) position.

### Section 2 — Mount the frame (30 min)

- Fold 8 Group B cords and LH one at each compass mark, loops facing the back.
- Bring every pair to the 5 in inner ring, tie each pair around it with one firm SK, and adjust until the inner ring floats dead-centre — measure spoke lengths, do not eyeball.
- You now have 16 spoke ends radiating between the rings. Pin the assembly to your board through the wrap.

### Section 3 — Weave the centre medallion (1.5–2 hrs)

- Follow Deep Dive 3: needle-weave the two spare Group B cords in a spiral from centre to inner ring, over-under, alternating each round.
- Lock the last round with a half hitch on every spoke, then weave the olive endless-knot square accent through the centre 4 rounds.
- The finished disc should drum-tap tight. If it dents when pressed, unweave two rounds and re-tension.

### Section 4 — Cardinal star points (2–2.5 hrs)

- Work one point at a time, N first. Mount 8 Group C cords along the medallion edge between spokes: outer 2 are fillers, inner 6 are workers.
- Build the DDHH triangle per Deep Dive 2 — left rail, right rail, then fill rows, tapering to a tip that hitches onto the wrapped ring exactly at the compass mark.
- Keep all four points the same length: 4.5 in apex-to-tip. Check each against the first before locking its tip.

### Section 5 — Intercardinal points (1.5 hrs)

- Repeat the triangle process with 6 Group D cords per point at the NE, SE, SW, NW marks, but stop the tip at the border-circle line (about 3 in) instead of the ring.
- These sit visually behind the cardinals — knot them slightly looser so they recede, matching the emblem.



### **Section 6 — Rope border circle (45 min)**

- Lay 2 Group E cords together as a circular filler bundle just inside the ring (the dashed line on the mounting diagram).
- Carry the third Group E cord around them in DDHH, hitching onto each star-point tail as you pass to lock the circle to the piece.
- Join the ends with a GK wrap hidden behind the S mark.

### **Section 7 — Hanging loop, tassel & finishing (45 min)**

- Loop: fold the 30 in Group F cord behind the N mark, around the wrapped ring, and GK the base into a 2 in loop.
- Tassel: fold the 12 tassel cords through the ring below the S mark, bind with a GK 3/4 in down, comb and trim level at 4 in.
- Run every remaining tail to the back, hitch it onto the nearest structure, and trim to 1/2 in.

# HAPPY JUST CRAFTING

## Technique Deep Dive 1 — Wrapping & Mounting the Frame

*The whole piece hangs off this wrap: a loose wrap rotates under load and every star point drifts with it.*

1



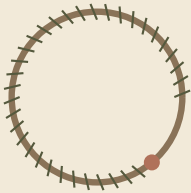
Anchor the wrap: lay 3 in of Group A tail along the ring, then make your first half hitch over both ring and tail so the wrap buries its own start.

2



Half hitch again and again, pushing each loop snug against the last. Keep every hitch on the same side so the wrap ridge spirals evenly.

3



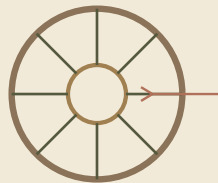
Continue around the full circumference. Stop about 1 in short of the start, thread the tail under the last five wraps with a tapestry needle, and trim.

4



Mark 8 compass stations with pins: N, E, S, W and the four in-betweens. Mount cords with LH exactly at the marks — spacing errors here multiply later.

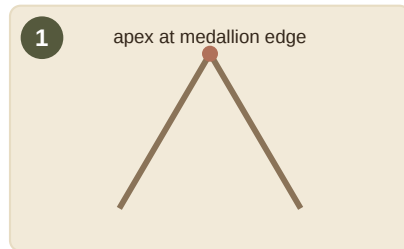
5



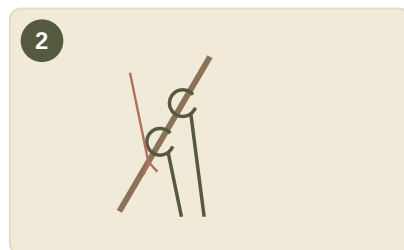
Centre the 5 in inner ring and tension the 8 Group B spokes from outer ring to inner ring. The inner ring must float dead-centre before you knot anything.

## Technique Deep Dive 2 — Diagonal DHH Star Points

*The compass reads true only if all eight rails hold their angles. Filler tension is everything here.*



Pin the point: the two Group C filler cords leave the medallion edge as a V aimed at the compass mark on the ring. Pin the apex so it cannot creep.



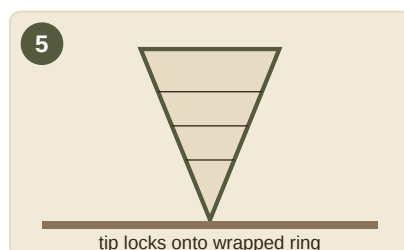
DDHH the left rail: working cords knot over the left filler one by one, keeping the filler taut at its exact angle. The rail IS the edge of your star point.



Complete the left rail to the ring. Check the angle against the dashed spoke line before locking the last hitch — this is your only cheap fix point.



Mirror the right rail. Inner working cords fill the triangle with rows of DDHH, each row one knot shorter, so the point tapers cleanly.



Close the tip: hitch both fillers onto the wrapped ring at the compass mark, then run tails to the back. Repeat for all 4 cardinal, then 4 shorter intercardinal points.

tip locks onto wrapped ring

## Technique Deep Dive 3 — The Woven Centre Medallion

*Needle-weaving, not knotting: slower per inch, but it produces the coin-flat disc the emblem demands.*

1



16 spoke ends across inner ring

After Section 2 you have 16 spoke ends (8 cords doubled) crossing the 5 in inner ring like wheel spokes, all tensioned to the outer ring.

2



Thread a fresh Group B weaver onto a tapestry needle. Tie on at centre with an overhand, then begin circling: over one spoke, under the next.

3



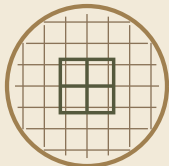
Spiral outward. Alternate the over/under sequence every round so the weave locks into a basket texture. Snug each round with a fingernail, never yank.

4



At the inner ring, lock the final round: one half hitch around each spoke as you pass. This freezes the whole disc so it cannot loosen in Section 4.

5



Flip the piece and weave the accent square: the endless-knot motif in olive cord, over-under through the centre 4 rounds. Tails tuck behind the disc.



## Troubleshooting

| Problem                         | Likely cause                                    | Fix                                                                                     |
|---------------------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------|
| Inner ring drifts off-centre    | Uneven spoke tension at Section 2               | Re-measure all 8 spokes with a ruler; retie the two longest SKs.                        |
| Star point rail bows outward    | Filler cord slack while hitching                | Unpick to the bow, re-pin the filler at exact angle, re-knot with the filler taut.      |
| Medallion weave loosens         | Rounds not locked, or yanked tight then relaxed | Add half hitches on every spoke at the outer round; snug, never yank.                   |
| Points different lengths        | Knot count drift between points                 | Count rows, not inches: identical row count per cardinal point, then per intercardinal. |
| Ring wrap spins on the metal    | Wrap not buried over its own tail               | Unwrap 2 in at the seam and re-anchor over the tail (Deep Dive 1, step 1).              |
| Border circle waves up and down | Hitches skipped on star-point tails             | It must catch a tail every point; go back and hitch onto each one.                      |
| Tassel splays sideways          | GK bound too low                                | Rebind 3/4 in below the ring and steam the skirt straight before trimming.              |

## General Tips & Finishing

- Block the finished piece: pin flat on the board, mist lightly with water, and leave overnight so the star points set crisp.
- Brush the tassel with a fabric comb from the bottom up, then trim on a rotary mat for a razor edge.
- Seal any synthetic-blend tails with a lighter touch; pure cotton tails get a dab of fabric glue instead.
- Optional embellishment, true to the emblem: wire a small dried-flower cluster (rose tones) behind the W mark and eucalyptus behind the E mark.
- Dust with a hairdryer on cool. To store, roll around a pool noodle — never fold across the medallion.

### Hang it right

Hang from the loop on a single brass hook. The piece weighs under a pound, but the wrap seam should stay hidden at the top — rotate the ring inside the loop if it creeps.