## そarnspirations"'

ORED
HEART

CRAFT SKILL LEVEL BEGINNER

Designed by Beth Whiteside
What you will need:
Red Heart ${ }^{\circ}$ Mixology Solids"': 1 ball each 631 Jade $\mathbf{A}, 530$ Plum B, Red Heart ${ }^{\circ}$ Mixology Swirl"': 1 ball 9956 Blue Suede C
Red Heart ${ }^{\circ}$ Mixology Print": 1 ball 942 Calypso Print D Red Heart ${ }^{\circ}$ Super Saver: 1 skein 341 Light Grey $\mathbf{E}$

RED HEART ${ }^{\circ}$ Mixology Solids"', Art. E837 available in 5.0 oz $(141 \mathrm{~g}) 70$ yd $(64 \mathrm{~m})$ balls

RED HEART ${ }^{\circ}$ Mixology Swirl"', Art. E839 available in 4.0 oz ( 113 g ) $59 \mathrm{yd}(54 \mathrm{~m})$ balls

RED HEART ${ }^{\circ}$ Mixology Prints"', Art. super bulky E838 available in 4.5 oz $(127 \mathrm{~g}) 65$ yd ( 59 m ) balls Red Heart ${ }^{\circ}$ Super Saver, Art. E300 available in solid color $7 \mathrm{oz}(198 \mathrm{~g}), 364 \mathrm{yd}(333 \mathrm{~m})$; multicolor, heather and print 5 oz $(141 \mathrm{~g}), 236$ yd ( 215 m ), flecks 5 oz $(141 \mathrm{~g}), 260 \mathrm{yds}(238 \mathrm{~m})$ skeins


## Calypso Wall Hanging

Use Mixology yarn to create a small textured weaving to hang on your wall. Make an economical loom out of cardboard. Read through all the Special Terms, Techniques and Notes before you start and enjoy this fun craft.

## What You Need Continued

Masking tape, large-eye yarn needle or bodkin, $1 / 4^{\prime \prime} \times 12^{\prime \prime}(12.7 \mathrm{~mm} \times 30.5 \mathrm{~cm})$ dowels or branch

For the loom: corrugated cardboard 9" $\times 12^{\prime \prime}(22.5 \times 30.5 \mathrm{~cm})$, ruler, pencil or pen, heavy-duty scissors or X-Acto ${ }^{\circ}$ knife

## Wall hanging measures $61 / 2$ " wide $\times 101 / 2$

 long ( $16.5 \times 26.5 \mathrm{~cm}$ )
## SPECIAL TERMS

beat = to push weft threads tightly into place against previously woven fabric. Can be done with fingers, fork, or other tool with teeth. Specialized beaters exist for harness and heddle loom weaving.
dovetail $=$ multi-thread weave in which weft woven from left and right share an ending warp thread, interleaving pairs of picks. May be vertical or diagonal.
ghiordes knot = small lengths of weft yarn centered and passed over the top of 2 warp threads, whose ends are taken to the back and brought to the front between the warp threads.
mountain $=$ arc made when working a pick to ensure weft is not pulled too tightly. pick $=$ a single row of weft.
plain weave = basic weave in which weft passes over and then under successive warp threads in the first pick, and reverses that path (under, then over) in the second pick. These two picks form the pattern repeat. slit $=$ opening in fabric created when picks woven from left and right do not interlock or share a warp thread. May be vertical or diagonal.
thread = used to indicate yarn or other element used as warp or weft.
warp $=$ threads stretched vertically on a loom. weft $=$ threads crossing horizontally on a loom.

## SPECIAL TECHNIQUES

## Overhand knot



1. To make an overhand knot, loop working end back over cord itself, then under and up through loop.
2. Pull working end to tighten.

Plain weave


1. Leaving $4^{\prime \prime}(10 \mathrm{~cm})$ tail, take weft over then under successive warp threads in a wide arc (mountain); holding yarn at starting end in place with finger, beat weft, adjusting tension of the pick.
2. Work second pick in opposite direction, weaving over warp when it was worked under on the previous pick, and under when it was worked over on the previous pick, leaving an arc; holding yarn at starting end in place with finger, beat weft. Repeat steps 1 and 2 for plain weave.

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Ghiordes knot


1. Cut number and length of strands specified; separate into knotting groups. Line up ends of first group; lay over the two warp threads around which the knot is being tied.
2. Take each end around and under warp, bringing it back to front between the two warp threads.
3. Grasp ends, pull tight, and slide down against last pick woven, beating knot into place. Repeat steps 2 and 3 for each knot specified.
4. Beat weft above knots tightly to hold knots in place.

## Diagonal dovetail




1. With first thread, weave picks as directed over successively fewer or more warp threads; do not beat tightly into place.
2. With second thread and beginning at opposite side, weave picks as directed over successively more or fewer warp threads so as to interleave and share warp thread with picks from step 1 as shown.
3. Beat picks of both wefts in place as second set of picks for the "row" are completed.
Diagonal dovetail may be worked all the way across the piece or only partway, and may skip any number of warp threads to vary the slope of the diagonal line it creates.

## Vertical slit




1. With first thread, weave picks as directed over specified number of warp threads. Beat weft after each pick is worked.
2. With second thread and beginning at opposite side, weave picks over specified number of warp threads; picks should not share warp with weft from step 1. Beat weft after each pick is worked.
3. Vertical slits can be worked at any point on piece from left to right.

## Vertical dovetai



1. With first thread, weave picks as directed over specified number of warp threads; do not beat tightly into place.

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2. With second thread and beginning at opposite side, weave picks as directed over specified number of warp threads so as to interleave and share a warp thread with picks from step 1 as shown.
3. Beat picks of both wefts in place as second set of picks for the "row" are completed.

Vertical dovetail can be worked at any point on the piece from left to right, as long as both wefts share a warp.

## NOTES

1. Make loom out of cardboard and warp loom as directed. See Making the Loom and Warping the Loom at end of pattern.
2. Directions are for working from the bottom of the loom upward.
3. Tie end of weft yarn through bodkin loop in loose overhand knot to ensure it does not pull out when weaving.
4. Leave a few inches of tail when changing yarns.

## CALYPSO WALL HANGING

With E, warp loom-11 warp threads.
Cut $7 \mathrm{ft}[2.1 \mathrm{~m}]$ A. Work 6 picks plain weave. End $\mathbf{A}$.

## Ghiordes Knots

Measure and cut sixteen $8^{\prime \prime}(20 \mathrm{~cm})$ lengths E. Separate into 4 groups of 4 .

With each group, tie ghiordes knot around warp threads 1 and 2,3 and 4,8 and 9 , and 10 and 11.
Cut $7 \mathrm{ft}(2.1 \mathrm{~m})$ C. Beginning at left, work
12 picks plain weave, beating tightly against ghiordes knots. End C.

## Diagonal Dovetails and Vertical Slits

 Cut $6 \mathrm{ft}[1.8 \mathrm{~m}]$ D.Pick 1: Work left to right 11 warp threads. Pick 2: Work right to left 10 warp threads.
Pick 3: Work left to right 9 warp threads.
Pick 4: Work right to left 8 warp threads.
Pick 5: Work left to right 7 warp threads.
Pick 6: Work right to left 6 warp threads.
Pick 7: Work left to right 5 warp threads.
Pick 8: Work right to left 4 warp threads.

Picks 9-16: Work plain weave across center 3 warp threads ONLY.
End D.
Cut $4 \mathrm{ft}(1.2 \mathrm{~m})$ B. Work as follows on left side of $\mathbf{D}$ triangle.
Pick 1: Work left to right across 2 warp threads, interleaving with picks of $\mathbf{D}$.
Pick 2 and all even picks to Pick 8: Work right to left across warp.
Pick 3: Work left to right 3 warp threads, interleaving with picks of $\mathbf{D}$.
Pick 5: Work left to right 4 warp threads, interleaving with picks of $\mathbf{D}$.
Pick 7: Work left to right 5 warp threads, interleaving with picks of $\mathbf{D}$.
Picks 9-17: Beginning at left and ending in center, work plain weave across 4 warp threads ONLY, creating a slit.
End $B$.
Cut second $4 \mathrm{ft}(1.2 \mathrm{~m})$ B. Work as follows on right side of $\mathbf{D}$ triangle.
Pick 1: Work right to left 2 warp threads, interleaving with picks of $\mathbf{D}$.
Pick 2 and all even picks to Pick 8: Work left to right across warp.
Pick 3: Work right to left 3 warp threads, interleaving with picks of $\mathbf{D}$.
Pick 5: Work right to left 4 warp threads, interleaving with picks of $\mathbf{D}$.
Pick 7: Work right to left 5 warp threads, interleaving with picks of $\mathbf{D}$.
Picks 9-16: Beginning at right, work plain weave across 4 warp threads ONLY, creating a slit.
End $\mathbf{B}$.
Cut 6 ft [ 1.8 m ] A. Cut $8 \mathrm{ft}(2.4 \mathrm{~m})$ C.
Beginning at left, with $\mathbf{A}$ work 6 picks plain weave. With C, work 2 picks plain weave. With $\mathbf{A}$, work 2 picks plain weave; end $\mathbf{A}$. With C, work 4 picks plain weave.
Cut $2 \mathrm{ft}(0.6 \mathrm{~m})$ B. Beginning at left, work 2 picks plain weave. End $\mathbf{B}$.

## Vertical Dovetail

Continue with C.
Pick 1: Work left to right 6 warp threads.
Row 2: Work right to left across warp.
Repeat last 2 picks twice. End $\mathbf{C}$.
Cut $8 \mathrm{ft}(2.4 \mathrm{~m})$ D.
Pick 1: Work right to left 5 warp threads, interleaving with picks of $\mathbf{C}$.
Pick 2: Work left to right across warp.
Repeat last 2 rows once.
Beginning at right, with $\mathbf{D}$ work 9 picks plain weave across all warp threads. End D.

## FINISHING

Trim fringe of ghiordes knots to same length. Weave ends: thread tail on bodkin or tapestry needle, bring end around closest warp and bury downward alongside of warp, then outside edge between weft rows. With fingers, nudge end to back of work. Trim. Repeat for all ends.
Remove tape from warp 1 and take top loops off warp pegs; place loops on dowel temporarily. Remove tape from warp 11 and take bottom loops off pegs; gently pull up on dowel to seat bottom loops against woven fabric. Weave bottom tail end back up into fabric and fasten off.


Hanging loops: Tie each top loop in overhand knot close to final row, beating it back into place as necessary. Weave tail end back into fabric, forming a loop; tie loop in overhand knot to secure.

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MAKING THE LOOM


1. Cut cardboard to size of loom: $9^{\prime \prime}$ wide $x$ 12 " long ( $22.5 \times 30.5 \mathrm{~cm}$ ).
2. With ruler and pen or pencil, draw border lines for loom: vertical lines $3 / 4$ " ( 2 cm ) from edge on long sides and horizontal lines $1 / 2{ }^{\prime \prime}[1.5 \mathrm{~cm}]$ in on short sides.
3. Make warp pegs: with ruler on one short end, and beginning and ending at border lines, draw 9 vertical lines, $3 / 4^{\prime \prime}(2 \mathrm{~cm}$ ) apart, from the edge of the cardboard to the horizontal border line.
4. With heavy-duty scissors or X-Acto, cut along vertical warp peg lines, including border lines- 11 slots.
5. Repeat steps 3 and 4 on opposite end. Slots on each side should line up with each other.

## WARPING THE LOOM

Warp yarns are numbered from left to right, 1-11. Cardboard between slots forms peg for wrapping warp yarn.

1. Slide $6^{\prime \prime}(15.5 \mathrm{~cm})$ tail of warp yarn through top left slot 1 on loom; tape to back of loom.
2. Holding warp taut, bring across front and down; slide warp through bottom slot 1, behind peg 1-2, and to front through bottom slot 2 .
3. Holding warp taut, bring across front and up; slide warp through top slot 2, behind peg 2-3, and to front through top slot 3, and then up at slot 4 .
4. Continue from left to right, wrapping warp around pegs through slots, to 11 warp strands; last warp strand will end in bottom slot 11. Leaving a 6" ( 15.5 cm ) tail, cut warp and tape to back.


