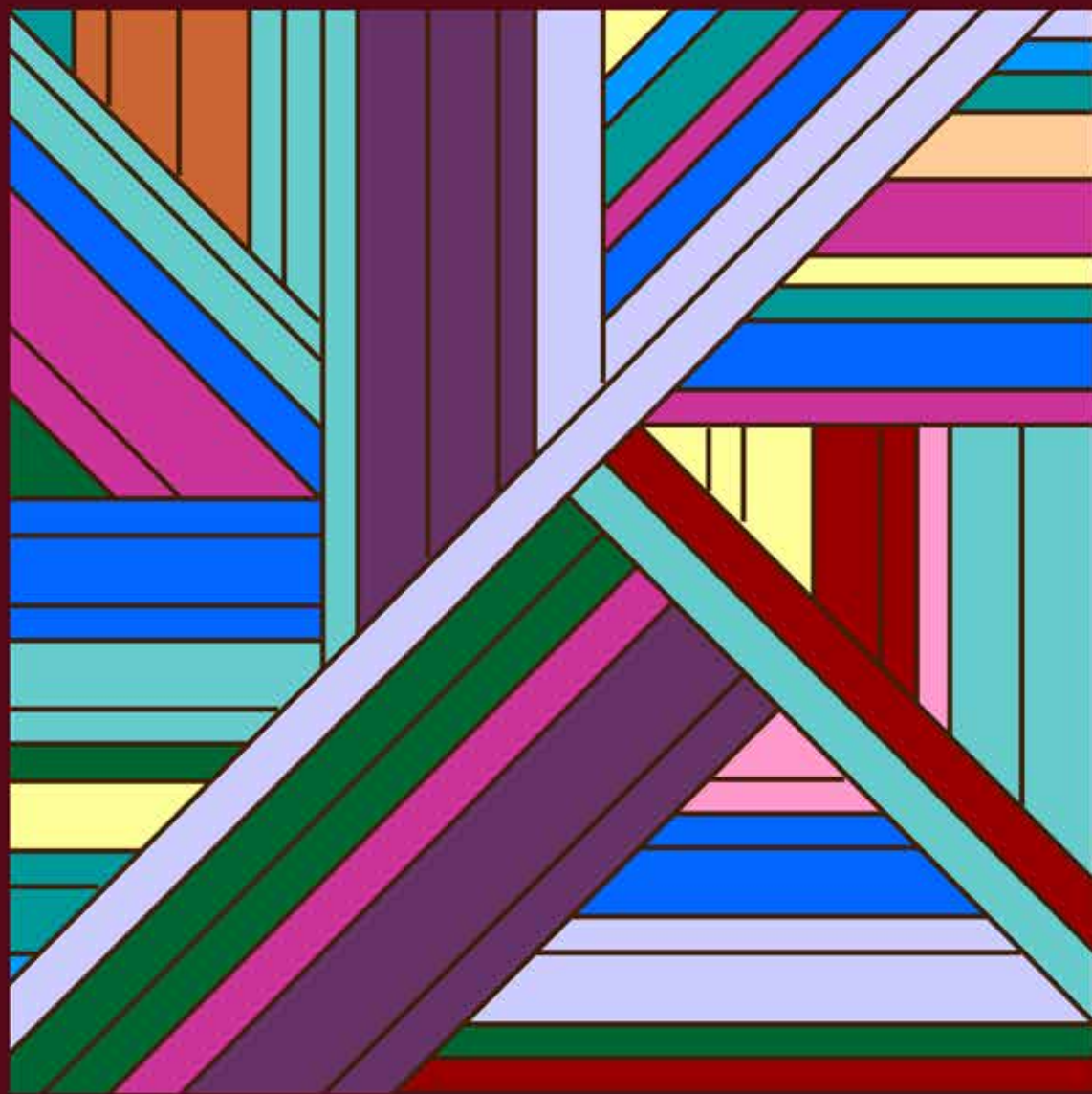


GEOMETRIC COLORING DESIGNS

2—Create Your Own Art



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Dot Grids and Graph Paper

Create Your Own Designs

CURIOUS ARTISTS FIND CREATIVE INSPIRATION in a simple page of graph paper. They discover lines and angles, shapes and symmetries—a whole world to explore, hidden within the grid.

For ideas on how to use the dot grids and graph paper pages, check out Kate Pickle's blog post [Graph Paper Drawing](#). Explore Dan Mackinnon's [Doodling with Froebel](#) and [Truchet Tiles](#) designs. Admire Cindy Hockman-Chupp's beautiful [Parallel & Perpendicular Art](#). Or play around with number-patterned doodles like Anna Weltman's [Spirolaterals](#).

See if you can make a rotational-symmetry design, like Don Steward's [Order 4](#) graphs—or for young children, fold a page in half and try to create a mirror image. For older students, try these [Grid Geometry Investigations](#).

Follow Michelle Houghton's directions for [How to Draw a Celtic Knot Pattern](#). Experiment with the more flexible rules in John Golden's [Knot Fun lesson](#). Or try my latest obsession: the [Ultimate Tutorial on Celtic Knotwork](#), which explores the link between knots and their underlying graphs.

Play a symmetry puzzle game. Draw a line of symmetry and fill in part of the design. Then trade with a partner to finish each other's doodles. Make more complex symmetry puzzles with additional reflection lines.



PREVIEW

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