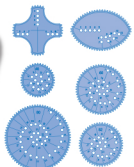


the original **TRAVEL** spirograph



24-PAGE PAD



2 PENS

TRAVEL SPIROGRAPH 6 WHEELS

• Paper may be refilled with standard 3in x 3in (7.6cm x 7.6cm) sticky note paper.
 • Spirograph® pen inks have been evaluated and approved by a board certified toxicologist. Inks may stain some surfaces and fabrics. The Spirograph® wheel holes have been designed to accommodate most types of pens, pencils and markers found in the market.
 We recommend using PENS WITH A POINT SIZE OF 1mm OR SMALLER.

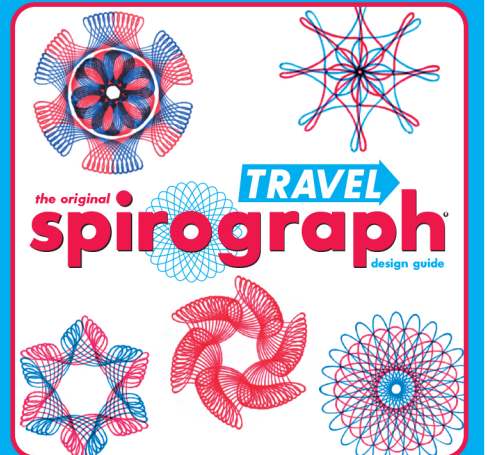
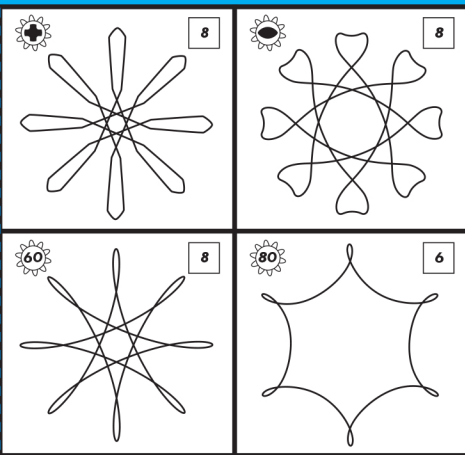
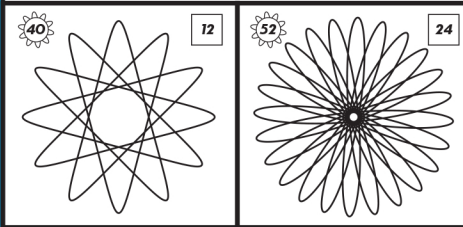
AGES 5+ HASBRO and its logo, SPIROGRAPH® and its logo are trademarks of Hasbro and are used with permission. ©2014 HASBRO. All Rights Reserved. Manufactured and Distributed by Kahootz, LLC. 2014 Kahootz, LLC 772 Airport Boulevard, Suite 1 • Ann Arbor, MI 48108
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Basic Pattern Guide

These boxes show the basic pattern produced by each of the different WHEELS. The patterns here were all drawn with the pen in Hole No. 1 of each WHEEL.

The number of teeth on a WHEEL and RING determines the number of points in the pattern. For each numbered hole on a WHEEL, the shape of the pattern changes, but the number of points in the pattern stays the same.

= WHEEL used to create pattern = Number of points in pattern



the original **TRAVEL** spirograph

design guide

Using Travel Spirograph®

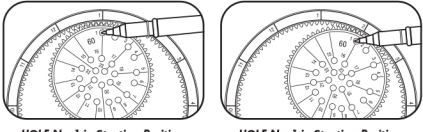
- Slide the frame all the way open and place a sheet of paper on the base, sticky side down.
- Close the frame over the sheet of paper. The frame will lock shut with a click.
- Place a WHEEL inside the RING and engage the teeth of both pieces so they interlock.

NOTE: When using your pens for the first time, scribble a little on a piece of scrap paper to get the ink flowing.
- Place a PEN into one of the holes on the WHEEL and carefully move the WHEEL around the inside of the RING, continuing until your line meets where you started.

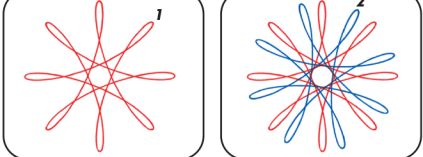
Always keep the pen in an upright position and keep the WHEEL teeth in contact with the RING teeth while drawing. Draw slowly to avoid slipping of the gears.

Positioning Lines

Using the POSITIONING LINES to begin your design at different starting points along the RING, you can create more complex patterns. The design below uses HOLE No. 1 on WHEEL No. 60, using a different color pen for each different starting position.



HOLE No. 1 in Starting Position No. 1 on the RING. HOLE No. 1 in Starting Position No. 2 on the RING.



Spirograph® Designs

HOLES: 1-1-1-3

Place the QUAD WHEEL so that Hole 1 lines up with POSITIONING LINE No. 1 on the RING.

With the Blue Pen in Hole 1, draw a pattern until the line meets where it began. Then place the wheel so that Hole 1 lines up with POSITIONING LINE No. 2 and draw a pattern with the Red Pen in Hole 1. Align Hole 1 with POSITIONING LINE No. 3 and draw one more pattern with the Red Pen in Hole 1. Align Hole 3 with POSITIONING LINE No. 1 and draw a pattern with the Blue Pen in Hole 3.

HOLES: 1-1-1-1

Place WHEEL No. 40 so that Hole 1 lines up with POSITIONING LINE No. 1 on the RING.

With the Red Pen in Hole 1, draw a pattern until the line meets where it began. Align Hole 1 with the spot where the last pattern ended and move the WHEEL one tooth to the right on the RING. Use the Red Pen in Hole 1 to draw a pattern. Repeat these steps to draw two more patterns with the Blue Pen in Hole 1, shifting one tooth to the right for each pattern.

HOLES: 16 **HOLES: 11-30**

Place WHEEL No. 52 so that Hole 16 lines up with POSITIONING LINE No. 1 on the RING.

With the Blue Pen in Hole 16, draw a pattern until the line meets where it began.

Place WHEEL No. 80 so that Hole 11 lines up with POSITIONING LINE No. 1 on the RING.

Draw a pattern with the Red Pen in Hole 11.

Place WHEEL No. 80 so that Hole 30 lines up with POSITIONING LINE No. 1 on the RING.

Draw a pattern with the Red Pen in Hole 30.

HOLES: 5-9 **HOLES: 5**

Place WHEEL No. 60 so that Hole 5 lines up with POSITIONING LINE No. 1 on the RING.

With the Blue Pen in Hole 5, draw a pattern until the line meets where it began. Align Hole 9 with POSITIONING LINE No. 1 and use the Blue Pen in Hole 9 to draw a pattern.

Place the OVAL WHEEL so that Hole 5 lines up with POSITIONING LINE No. 2 on the RING.

Draw a pattern with the Red Pen in Hole 5.

Visit www.OriginalSpirograph.com for more design ideas!