

# Imagination Station 2: Make 9-Pointed Stars

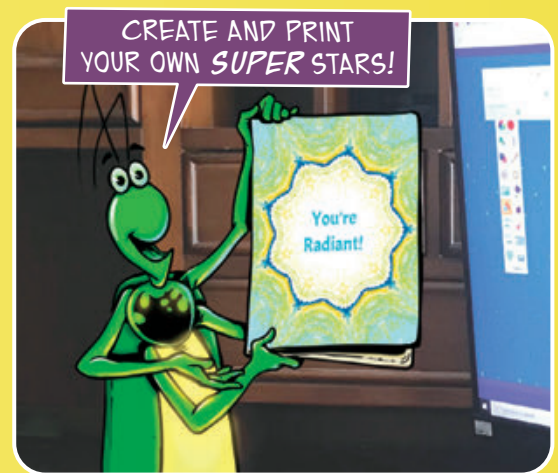
“Nine is the highest digit, hence symbolizes comprehensiveness, culmination . . .” –Bahá’í Writings

I’m super excited! I flew by Dr. Scotti’s creative lab today. He shared how he used his science skills to create a new art app, Imagination Station 2. It ignited my firefly family’s creativity! We made the coolest art-work with its stamps, clip art, text, and drawing tools.

Dr. Scotti is **Brilliant Star**’s STEM Education Advisor, and he worked with the team to develop this program. With lots of perseverance, he found new ways to use a

computer language called JavaScript. When he got stumped by challenges, he consulted with others or found helpful videos online. Some of **Brilliant Star**’s readers (of many cultures and ages) tried the program to be sure it’s user friendly and doesn’t have pesky bugs. That means *errors*, not my fellow flies—*whew!*

When he showed me the Super Symmetry tool, it really lit me up. I had fun making 9-pointed stars, and you can, too!

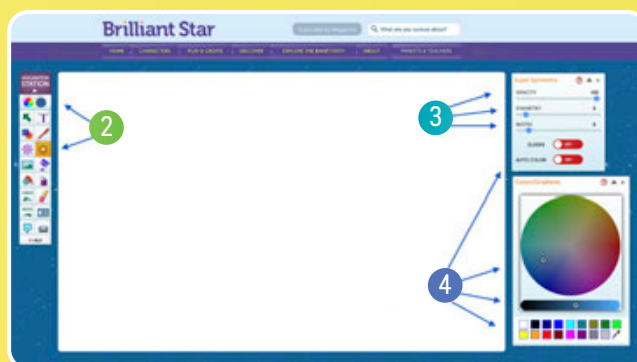


- 1 On the homepage at [brilliantstarmagazine.org](http://brilliantstarmagazine.org), click the 9-pointed star labeled NEW Imagination Station 2.\*



- 3 In the Super Symmetry toolbox, move Symmetry slider to 9 to give your drawing 9 sides. Move Opacity slider to make lines more or less transparent. Move Width slider to change line thickness.

- 2 In main toolbar, select a tool to open its toolbox. (You can drag toolboxes to another spot on the screen.) Open Colors and Super Symmetry.



- 4 You have lots of fun color options. Click Auto Color button to turn on a cool rainbow effect, or turn Auto Color off to pick your own colors. In the Colors toolbox, select a square with a solid color. Or choose a new color by clicking anywhere on the color wheel. Move button along slider to change brightness.

5 For 9-pointed stars, select button to turn Guides on. Solid lines show 9 sections of canvas, each divided by a dotted line. Put cursor on solid line, then click and drag diagonally to nearest dotted line. Like magic, your lines appear in all 9 sections! Lift cursor to draw new lines. Change line lengths, widths, or colors. Make squiggles or shapes. Have fun experimenting!



7 Choose a font in the Text tool to add a message. Use Clip Art tool for premade images or to load your own image. Add Stamps and make them any color. Play with Spray, Paint, and Glitter options in Paint toolbox. Floodfill will color in closed outlines or background with solid color or gradient (several colors).

8 Use the Select tool (the arrow) to scale, move, rotate, or recolor a portion of your design.

6 Select Undo to undo most recent action. Redo will restore most recent Undo. Use Eraser to wipe out part of your work. For a blank canvas, select Clear (be aware, this option can't be undone).

9 Save your art with Save/Open tool. A JSON file lets you open your design to continue later. JPEG and PNG create image files. Select Print to print art for cards, invitations, or anything you can imagine!

