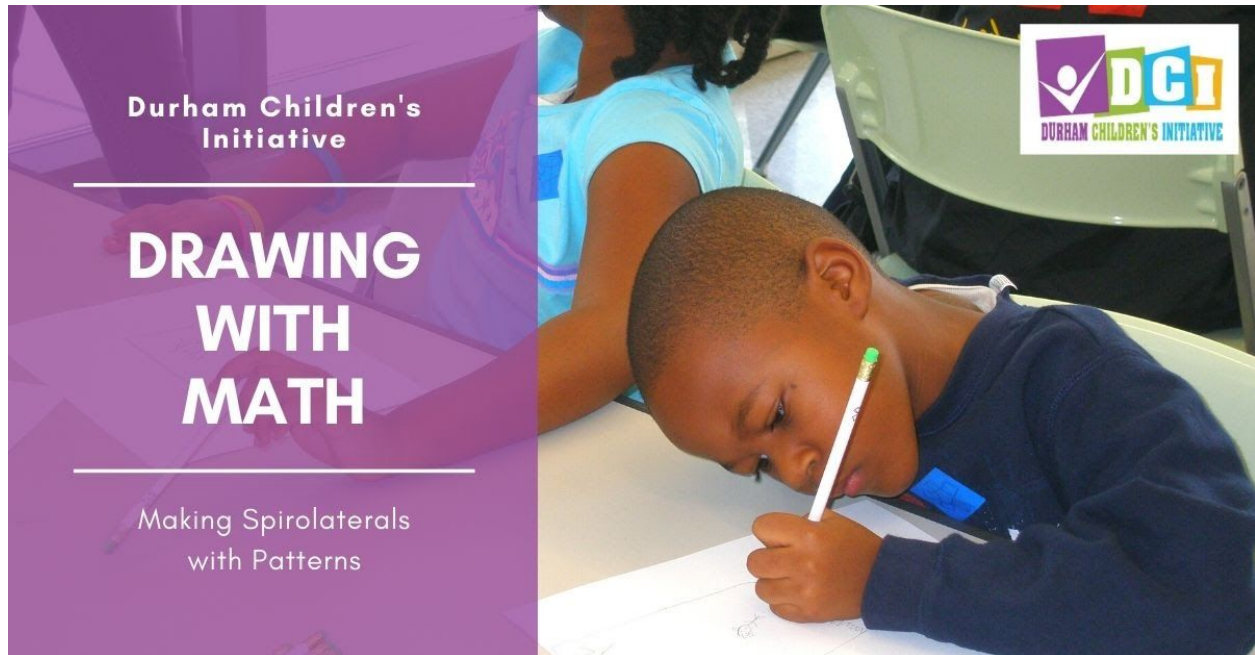


Sutton Cavalchire

ACTIVITY 1: Drawing with Math: Spirolateral Patterns (High Tech)

Facebook-Drawing with Math



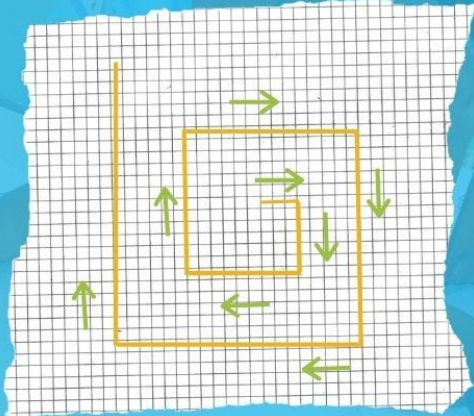
See the pattern?


HOW YOU DO IT

Follow the pattern!

3 3
 6 6
 9 9
 12 $1+2=3$
 15 $1+5=6$
 18 $1+8=9$

right, down,
 left, up,
 REPEAT!






TRY IT OUT

EASY **MODERATE** **HARD**

1 5
 2 10
 3 15
 4 20
 5 25

Try using a 45 degree angle instead of a 90 degree angle!

When you complete the final number in your sequence, start over with the first number and repeat until the spirolateral connects back to the very first line.



Watch as your kids unleash their inner artist with spirolaterals! Just have them complete a math sequence and follow the numbers in a pattern to create a fun shape for them to color.

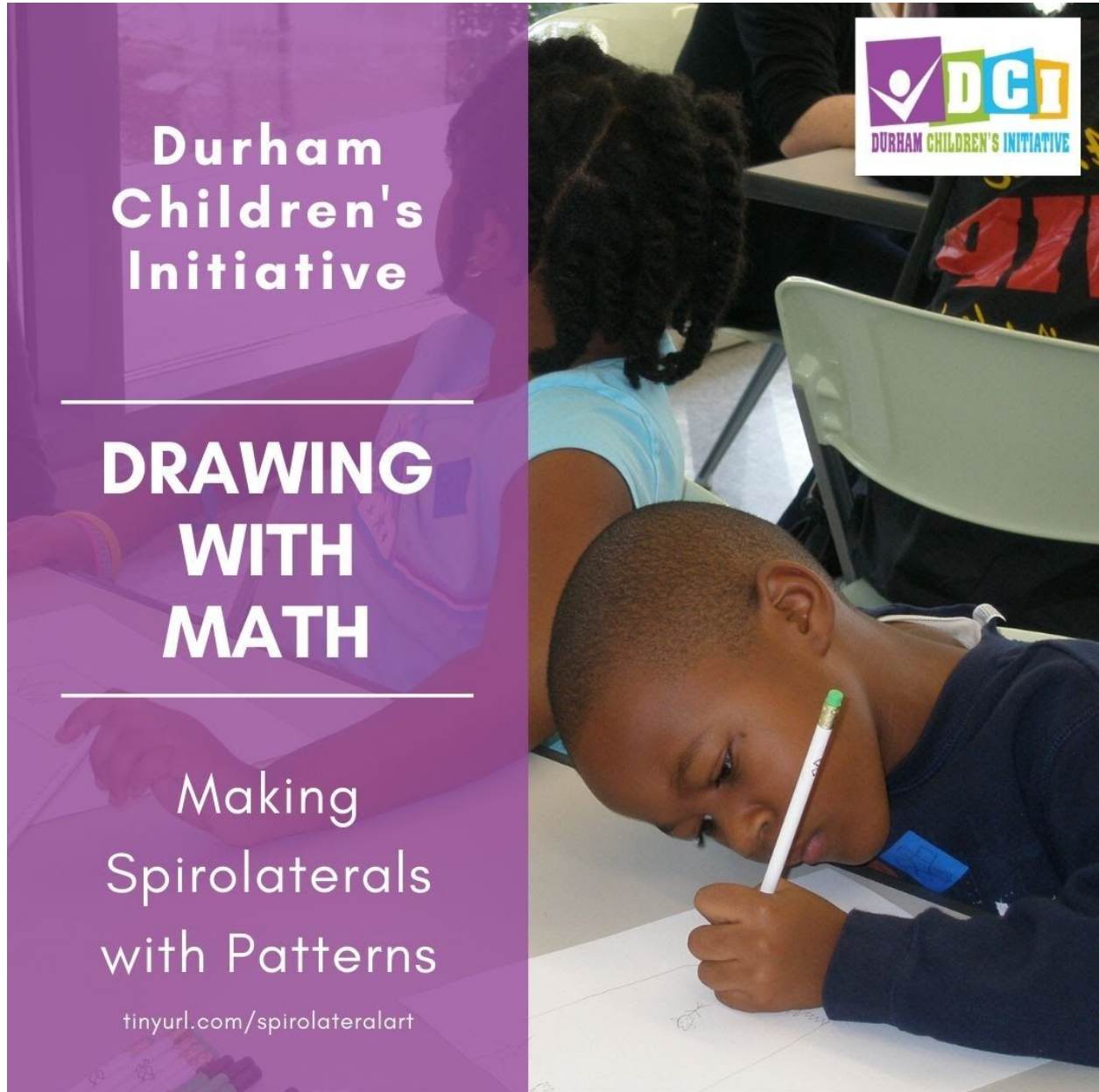
Spirolaterals can range from simple to elaborate, depending on the angle and numbers used — so this activity is perfect for children of any grade.

Follow along with the directions to combine art with math! Included are a few patterns for your kids to build their own spirolaterals. Use these or let them make their own and check out What

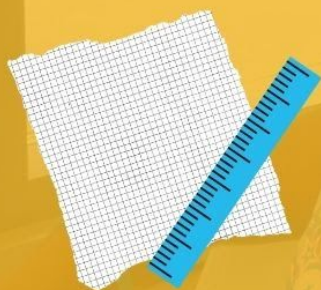
We Do All Day for more:

<https://www.whatdowedoallday.com/simple-spirolateral-math-art-for-kids/>

Instagram-Drawing with Math



WHAT YOU NEED



**Graph Paper
or Ruler**



**Drawing
Materials**

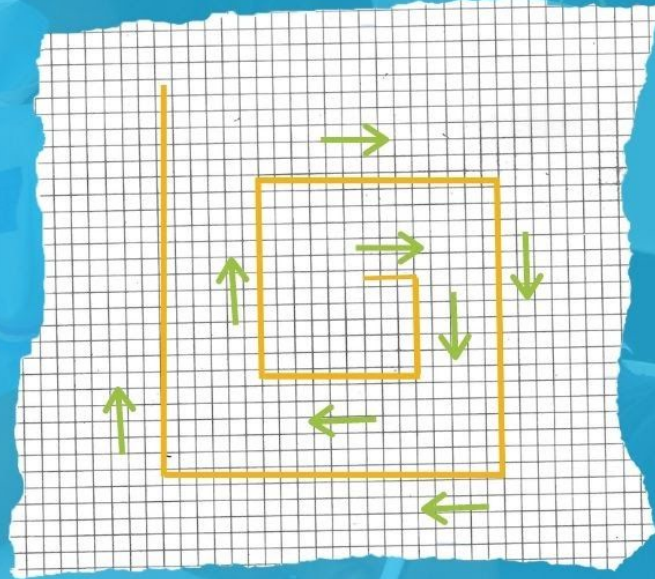


See the
pattern?

HOW YOU DO IT

Follow the
pattern!

3 **3**
6 **6**
9 **9**
12 $1+2=3$
15 $1+5=6$
18 $1+8=9$



right, down,
left, up,
REPEAT!



TRY IT OUT

EASY

1
2
3
4
5

MODERATE

5
10
15
20
25

HARD

Try using a 45 degree angle instead of a 90 degree angle!

When you complete the final number in your sequence, start over with the first number and repeat until the spirolateral connects back to the very first line.



Numbers, patterns, and art? Oh my! With this spirolateral activity, your kids can use math to make colorful spiral drawings. Ranging from simple to elaborate, children of any age can take part. Check out this link for full directions: tinyurl.com/spirolateralart

Twitter-Drawing with Math



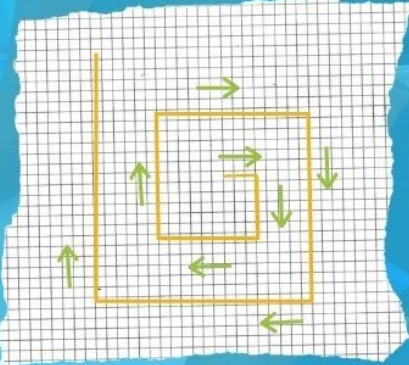

HOW YOU DO IT

See the pattern?

right, down, left, up, REPEAT!

3	3
6	6
9	9
12	$1+2=3$
15	$1+5=6$
18	$1+8=9$

Follow the pattern!

TRY IT OUT

EASY	MODERATE	HARD
1	5	Try using a 45 degree angle instead of a 90 degree angle!
2	10	
3	15	
4	20	
5	25	

When you complete the final number in your sequence, start over with the first number and repeat until the spirolateral connects back to the very first line.



Your kids can make art with math with this fun spirolateral activity — perfect for any age! Just take a math sequence and follow the numbers in a pattern to create a fun shape to color. Find directions here: <https://www.whatdowedoallday.com/simple-spirolateral-math-art-for-kids/>

ACTIVITY 2: The Science of Color Mixing: Crawling Colors Activity (Low Tech)**Facebook-The Science of Color Mixing**

The collage features a light blue grid background. At the top left, a green banner reads "Crawling Colors". Below it, a large blue box contains the text "The Science of Color Mixing" in pink. To the right, a photo shows a young girl with a blue headband holding a drawing of two colorful, crawling creatures. Below the title, a photo shows three children wearing safety goggles and gloves, working at a table with paint and water. To the right of this photo is a vertical bar with four colored segments: yellow, cyan, green, and purple. Below the bar, a yellow box contains the text "Basic Color Theory Experiment for Kids!". In the bottom right corner, there is a logo for "DCI DURHAM CHILDREN'S INITIATIVE" featuring a stylized figure and the letters "DCI".

Put your child's left and right brain to work with this color mixing experiment. They'll learn how primary colors can combine to create secondary colors like orange and green! All you need are 5 clear containers, paper towels, water, and primary color (red, yellow, blue) food dye. They'll be amazed at what comes next — crawling colors! Head to this link for how to start:

<https://parentingchaos.com/crawling-colors-color-mixing-science-experiment/>

Instagram-The Science of Color Mixing

Crawling Colors

The Science of Color Mixing

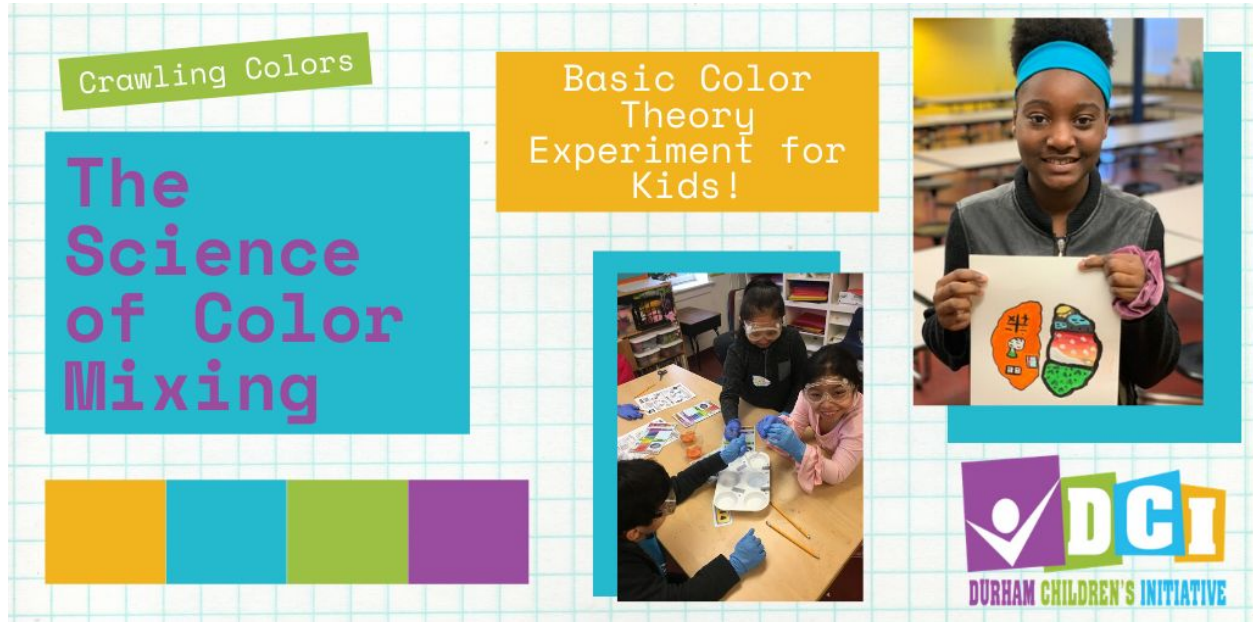
Basic Color Theory Experiment for Kids!
tinyurl.com/crawlingcolors

DCI
DURHAM CHILDREN'S INITIATIVE

The collage features a light blue grid background. At the top left, a green banner contains the text 'Crawling Colors'. Below it, a large blue box contains the title 'The Science of Color Mixing' in pink, bold, sans-serif font. To the right, a photograph shows a young girl with a blue headband holding up a drawing of two colorful, abstract shapes. Below the title, a photograph shows three children wearing safety goggles and gloves, working at a table with various colored liquids and containers. To the right of this is a vertical bar with four colored segments: yellow, blue, green, and purple. Below the bar is a yellow box with the text 'Basic Color Theory Experiment for Kids!' and the URL 'tinyurl.com/crawlingcolors'. At the bottom right is the logo for Durham Children's Initiative (DCI), which includes a stylized figure and the text 'DURHAM CHILDREN'S INITIATIVE'.

Orange! Green! Purple! Right in front of their eyes, your kids will be amazed seeing primary colors combine to create new secondary colors. Parents: all you need are 5 clear containers, paper towels, and primary color food dye for your kids to have fun with crawling colors. For directions, head to this link: tinyurl.com/crawlingcolors

Twitter-The Science of Color Mixing



Art and science are both fun, but they're better together! Your kids can learn about color theory and how to create secondary colors by mixing primary colors with this unique crawling colors activity. Read more here: tinyurl.com/crawlingcolors