

# BUZZ WORD

PGH.ORG



# Spiral

Activity Book



# Bringing the Buzz to You!

The Buzzword Pittsburgh partners designed this kit to inspire your family to keep learning together. We chose activities that build on your child's natural curiosity, encouraging a growing vocabulary and a deeper engagement with books.

So...are you ready to get buzzing? First, read through **Swirl by Swirl: Spirals in Nature** by Joyce Sidman with your child. Then, go through the different activities, experiments, and ideas together, taking time to explain the meaning of the words and connecting them to your child's real-life experiences.

For more resources, visit [www.BuzzwordPGH.org/Spiral](http://www.BuzzwordPGH.org/Spiral) for live workshops and more book recommendations for this Buzzword Box!



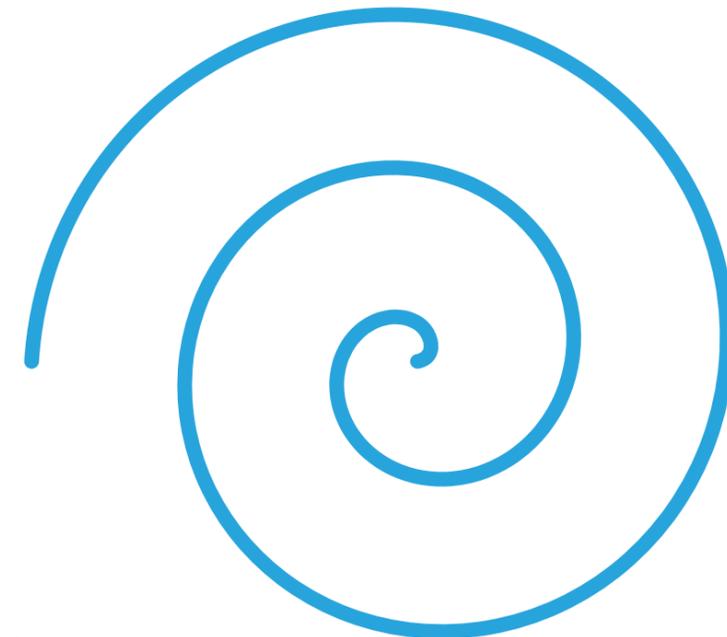
## Build a spiral

### Materials Included: Model Magic, Sea shells

The spiral is such a special shape! Use model magic to create your own. Pinch pieces of Model Magic or roll into long lengths. Experiment with arranging these into a spiral shape. Use the spiral on this sheet as a guide—follow around and around and watch your spiral grow. To connect pieces of Model Magic, simply pinch together. Use seashells to press texture into your spiral. What else can you use to add texture?

If left out in the air, Model Magic will dry. Once dry, try adding color with markers or paint.

Model Magic stays pliable when not exposed to the air. To preserve any remaining Model Magic, store in an airtight plastic bag until ready to use.



# Create a Ribbon Dancer

**Materials Included:** Tape, Dowel Rod, Ribbon

Parents and children can work together to make a ribbon dancer by following these directions.

**Step One:** Tape the dowel rod to the end of the tape

**Step Two:** Put the ribbon ends on the tape facing away from the rod

**Step Three:** Roll the tape up

**Step Four:** Ta-Da! You have a ribbon dancer! Put on music and use the ribbon to make Swirls and Spirals.



PITTSBURGH BALLET THEATRE

# Make a Paper Helicopter

**Materials Included:** Helicopter stencil

**Step One:** Cut along the three solid lines (fold along the dotted lines)

**Step Two:** Fold section A along the long dotted line

**Step Three:** Fold Section B along the long dotted line

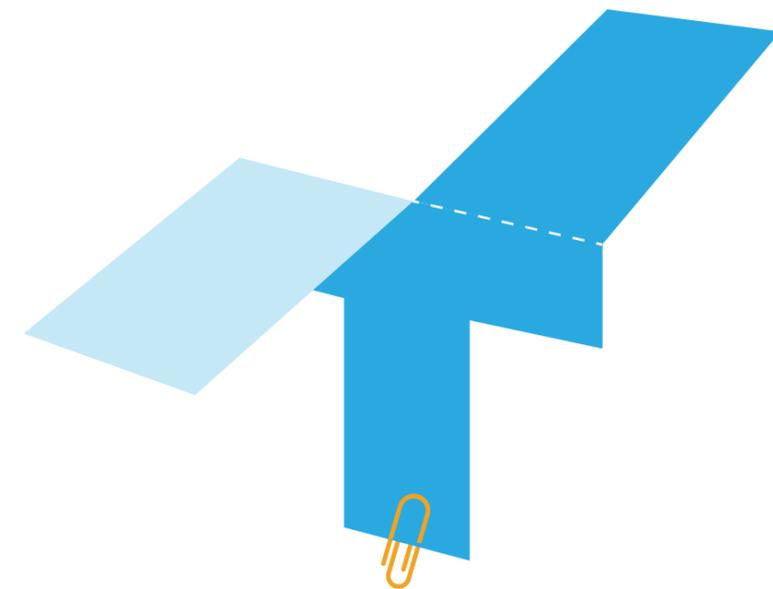
**Step Four:** Fold Section D along dotted line towards you

**Step Five:** Fold Section E along dotted line away from you

**Step Six:** Fold bottom edge section C along dotted line

**Step Seven:** Add a paper clip to the end on folded section C (optional)

**Get Outside!** – Look for some of nature's helicopters outside. Maple tree seeds are shaped like propellers and will spin as they fall to the ground. Can you find any?



CARNEGIE  
SCIENCE  
CENTER  
ONE OF THE FOUR CARNEGIE MUSEUMS OF PITTSBURGH

# Spirals in Nature

## Materials Included: Activity worksheets, Crayons

Take the time to do some crafts of spirals in nature included in this packet. Before or after you craft, take a walk around your neighborhood and see what spirals you can see in nature. The book has tons of examples, so you can use it for inspiration. After your walk go back through the book and see if notice anything new.



# Who Are We?

Buzzword Pittsburgh excites children and families as they experience the words that are all around them. Through talk and play about math, science, and art, young children will expand their vocabularies and conversation skills. The program engages families and community organizations in Pittsburgh's Homewood neighborhood and the greater community.

The Buzzword Pittsburgh collaborative consists of six partner organizations with expertise in the arts and sciences. These partners provide interactive learning opportunities that encourage imagination, investigation, creation, and reflection. This initiative is supported by The Heinz Endowments and PNC Grow Up Great®.



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WARD**

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