




GEOMETRY

Teach Your Way

The world is full of possibilities and so are your students! Inspire their curiosity each day with the activities, printables, and videos below. Create “anytime” moments of playful learning with resources from az.pbslearningmedia.org, azpbs.org/kids and the [PBS KIDS Video app](#).

THEME	Collection	Video	Digital Game	Document	Activity	Family Time	Explore More
2D and 3D Shapes	PEG + CAT: Geometry Help your students recognize 2D and 3D shapes as you explore videos, games, and printables.	Olive in Another Dimension ODD SQUAD Learn about the differences and relationships between two- and three-dimensions.	Magical Shape Hunt Digital Game PEG + CAT Help children learn 3D shapes, counting, and cardinality with this game from Peg + Cat.	Shapes Bingo PBS KIDS Build a school-to-home connection and share activity packets for PreK-K or grades 1-2.	What Shape Am I? I am a shape. I have four sides. Each side is the same length. What am I?	Hide and Seek With Shapes SESAME STREET Play a new version of hide and seek to help your child learn about shapes!	Shapes SESAME STREET These resources teach all about shapes-- from rectangles to octagons.
Shape Attributes	CYBERCHASE: Geometry Spark your students' curiosity and explore how math is everywhere!	Cat Likes Circles PEG + CAT Peg + Cat will help your students recognize and identify 2D shapes. Cat sings a jazzy tune about how much he likes circles!	Tangram Game CYBERCHASE In this game, your students can practice letter recognition and dance with Big Bird.	Shape Detective Craft SESAME STREET It's crafting time with your students! Talk to your students about different shapes, then scout your classroom for more.	Make a Shape Sculpture Cut out ten shapes from cardboard. Then, make a shape sculpture.	Math for Preschoolers: Shapes Find more ways to help your students learn about shapes with games, hands-on activities, and more!	Disappearing Shapes ODD SQUAD Learn about subtraction with the Odd Squad. Circles and triangles are disappearing everywhere, but why?
Symmetry	Mighty Mathematicians: Symmetry Dive into the resources and discover new ways to explore symmetry with video clips and digital games.	Welcome to the Pools ODD SQUAD Oscar shows off the Odd Squad pools and tells about the symmetric scientist who created them.	Symmetry Painter PEG + CAT Create awesomely symmetrical artwork by using a paintbrush, stamps and stickers in this game.	Be the Agent Activities ODD SQUAD Symmetric AI is at it again. The Odd Squad needs your students' help on a case!	Play "I Spy" Look around you. Find three shapes (or objects) that are symmetrical.	5 Tips for Encouraging Your Young Builder – With Math! CYBERCHASE Explore five tips from Cyberchase to engage your students while reinforcing important math concepts.	Structures – Episodes THE RUFF RUFFMAN SHOW Learn how materials, shape and weight, affects a structures strength and stability when it encounters a force.
Patterns	Work It Out Wombats!™ Introduce your students to a creative way of thinking that helps them solve problems and complete tasks in more organized ways.	Zadie's Shell Shuffle Work It Out Wombats!™ Zadie messes up Mr. E's shell garden and realizes JunJun's song is the key to fixing the pattern of colorful shells.	High Five Digital Game CURIOUS GEORGE Monkey-hand painting: what better way to learn how to count by fives! Make great art with Curious George.	Patterns Bingo PBS KIDS Build a home-to-school connection and share activity packets for PreK-K or grades 1-2.	Practice Making a Pattern Choose two shapes. Make a pattern, drawing one and then the other.	8 Fun Ways to Help Kids Learn Patterns WORK IT OUT WOMBATS! Try these fun pattern activities to help your students be problem solvers!	Triangle, Pentagon, Triangle, Square! PEG + CAT Peg, Cat, Richard, and the Pig work to rebuild their ship using a pattern.
Puzzles	Let's Learn: Math Incorporate everyday objects and situations to grow problem-solving skills and conceptual awareness.	Tangrams Everyday Learning Co-view this stop motion animation and introduce tangrams while illustrating how shapes can create colorful animals.		Architecture Scavenger Hunt - Activity THE RUFF RUFFMAN SHOW Search for shapes in different buildings and architectural features around you.	Make a Puzzle Find a cereal box and cut it into 6-10 pieces. Shuffle the pieces and then recreate the picture.	Play With Your Food! Tangram Puzzle Sandwiches Ready to eat some geometry? Make a tangram puzzle sandwich.	Create a Puzzle Box MOLLY OF DENALI™ Help your students make a puzzle box with a secret compartment to hide treasures.

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