

3d shapes kindergarten worksheet

3D Shapes Kindergarten Worksheet: A Comprehensive Guide for Educators and Parents

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Publisher: BrightSpark Educational Resources, a leading publisher of high-quality early childhood learning materials with a strong reputation for creating engaging and effective educational worksheets, including a wide selection of 3D shapes kindergarten worksheets.

Editor: Sarah Miller, M.Ed in Curriculum and Instruction, experienced editor of educational materials for over 15 years at BrightSpark Educational Resources.

Keywords: 3D shapes kindergarten worksheet, kindergarten math, 3D shapes for kids, geometry for kindergarten, printable 3D shapes worksheet, early childhood education, math worksheets for kindergarten, hands-on math activities, visual learning, 3d shapes activities kindergarten.

Introduction: The Importance of 3D Shapes in Kindergarten

Understanding three-dimensional (3D) shapes is a crucial foundational skill in early childhood mathematics. A well-designed 3D shapes kindergarten worksheet can significantly contribute to a child's spatial reasoning abilities, laying the groundwork for more complex mathematical concepts later on. This comprehensive guide explores the significance of incorporating 3D shapes kindergarten worksheets into kindergarten curriculum, providing valuable insights for educators and parents alike. We will delve into effective teaching strategies, the characteristics of a high-quality 3D shapes kindergarten worksheet, and offer practical tips for maximizing learning outcomes.

Understanding the Developmental Benefits of 3D Shapes Kindergarten Worksheets

Kindergarteners are at a critical stage of development where their understanding of the world around them is rapidly expanding. Introducing them to 3D shapes through engaging activities, including 3D shapes kindergarten worksheets, offers several key benefits:

Spatial Reasoning Development: Working with 3D shapes helps children develop their spatial reasoning skills, enabling them to visualize and manipulate objects in three dimensions. This is essential for future success in mathematics, science, and even art.

Vocabulary Building: A 3D shapes kindergarten worksheet provides opportunities to introduce and reinforce vocabulary related to geometry, such as cube, sphere, cone, cylinder, and pyramid. This expands their language skills and enhances their ability to communicate mathematical ideas.

Problem-Solving Skills: Many 3D shapes kindergarten worksheets incorporate problem-solving activities, challenging children to identify, compare, and classify different shapes. This strengthens their critical thinking and analytical skills.

Visual-Spatial Learning: For children who are visual learners, a 3D shapes kindergarten worksheet provides a visual representation of abstract concepts, making learning more accessible and engaging.

Hands-On Learning: The best 3D shapes kindergarten worksheets often incorporate hands-on activities, encouraging children to manipulate real-world objects to match the shapes depicted on the worksheet. This active learning approach promotes deeper understanding and retention.

Characteristics of an Effective 3D Shapes Kindergarten Worksheet

A truly effective 3D shapes kindergarten worksheet should exhibit several key characteristics:

Age-Appropriateness: The activities and instructions should be tailored to the developmental stage of kindergarteners, avoiding overly complex concepts or language.

Visually Appealing: Colorful images, clear illustrations, and engaging designs can capture children's attention and make learning more enjoyable.

Variety of Activities: The worksheet should incorporate a variety of activities, including identification, matching, coloring, and simple problem-solving tasks, to cater to different learning styles.

Clear Instructions: Instructions should be concise, easy to understand, and visually supported with clear examples.

Real-World Connections: Relating 3D shapes to real-world objects (e.g., a ball is a sphere, a box is a cube) can help children make connections and improve comprehension.

Differentiation: The 3D shapes kindergarten worksheet should provide opportunities for differentiation, allowing teachers to adapt activities to meet the individual needs of different learners.

Implementing 3D Shapes Kindergarten Worksheets in the Classroom

To maximize the effectiveness of a 3D shapes kindergarten worksheet, teachers should consider the following strategies:

Hands-on Exploration: Before introducing the worksheet, allow children to explore real-world 3D objects. This tactile experience helps them develop a better understanding of the shapes' properties.

Group Work: Encourage collaborative learning by having children work together on the worksheet, discussing their answers and helping each other.

Differentiated Instruction: Provide support for struggling learners while challenging advanced learners with extension activities.

Assessment: Use the worksheet as a formative assessment tool to identify areas where children need additional support.

Integration with Other Subjects: Connect the 3D shapes kindergarten worksheet to other subjects, such as art and science, to reinforce learning and promote cross-curricular connections.

Creating Your Own 3D Shapes Kindergarten Worksheet

If you can't find a commercially available 3D shapes kindergarten worksheet that perfectly suits your needs, you can create your own! Consider these tips:

Use clear and simple language.

Include a variety of activities.

Make it visually appealing.

Keep it age-appropriate.

Test it out with a small group of children before wider distribution.

Parental Involvement with 3D Shapes Kindergarten Worksheets

Parents can play a vital role in reinforcing the concepts learned through 3D shapes kindergarten worksheets. They can:

Engage in hands-on activities at home. Use everyday objects to identify and explore 3D shapes.

Discuss the shapes encountered in daily life.

Use the worksheet as a starting point for creative projects.

Create a positive and supportive learning environment.

Conclusion

The use of 3D shapes kindergarten worksheets offers a powerful tool for fostering early childhood mathematical development. By carefully selecting or creating high-quality worksheets and employing effective teaching strategies, educators and parents can significantly contribute to children's understanding of 3D shapes and their ability to apply this knowledge to various contexts. Remember that the goal isn't just about rote memorization of shape names, but about cultivating spatial reasoning skills that will serve children well throughout their academic journey.

FAQs

1. What are the most important 3D shapes to teach in kindergarten? The core shapes to focus on are cubes, spheres, cones, cylinders, and pyramids.
1. How can I make learning 3D shapes fun for kindergarteners? Use games, hands-on activities, real-world examples, and colorful worksheets.
1. What if my child is struggling with 3D shapes? Provide extra practice using manipulatives and real-world objects. Break down complex tasks into smaller, manageable steps. Consider seeking assistance from their teacher.
1. Are there online resources to help with 3D shapes for kindergarten? Yes, many websites offer printable 3D shapes kindergarten worksheets and interactive games.
1. How can I assess my child's understanding of 3D shapes? Use observation during play, ask them to identify shapes in their surroundings, and utilize simple quizzes or worksheets.

1. How do 3D shapes relate to other areas of learning? They connect to art (sculpture), science (understanding solids and liquids), and even literacy (describing shapes).
1. What are some common misconceptions about 3D shapes in kindergarten? Children might confuse similar shapes (e.g., a cylinder and a cone) or have difficulty visualizing 3D shapes from 2D representations.
1. Can I use a 3D shapes kindergarten worksheet for homeschooling? Absolutely! These worksheets are a valuable tool for homeschooling parents.
1. How often should I use a 3D shapes kindergarten worksheet? The frequency depends on your child's progress and learning style. Aim for consistent, but not overwhelming, exposure to the concepts.

Related Articles

1. "The Importance of Spatial Reasoning in Early Childhood Development": This article explores the broader benefits of spatial reasoning and its connection to mathematical success.
1. "Hands-on Activities for Teaching 3D Shapes in Kindergarten": This article provides detailed instructions for various hands-on activities to supplement worksheet learning.
1. "Assessing Kindergarteners' Understanding of Geometric Shapes": This article focuses on effective assessment strategies for evaluating children's comprehension of 3D shapes.
1. "Differentiated Instruction for Teaching Geometry in Kindergarten": This article offers strategies for

tailoring instruction to meet the diverse learning needs of kindergarteners.

1. "Integrating 3D Shapes into Art Projects for Kindergarten": This article explores ways to connect 3D shapes to creative art activities.

1. "Using Technology to Teach 3D Shapes in Kindergarten": This article explores the use of educational apps and software for teaching 3D shapes.

1. "Real-World Applications of 3D Shapes for Kindergarteners": This article highlights real-world examples of 3D shapes to help children make connections.

1. "Creating a 3D Shapes Center for Your Kindergarten Classroom": This article provides guidance on setting up a dedicated learning center focused on 3D shapes.

1. "Parent Guide to Supporting Your Child's Geometry Learning at Home": This article offers practical tips for parents to reinforce learning at home.

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3d shapes kindergarten worksheet: *Division Word Problems* , 2006

3d shapes kindergarten worksheet: *Which One Doesn't Belong?* Christopher Danielson, 2019-02-12 Talking math with your child is simple and even entertaining with this better approach to shapes! Written by a celebrated math educator, this innovative inquiry encourages critical thinking and sparks memorable mathematical conversations. Children and their parents answer the same question about each set of four shapes: Which one doesn't belong? There's no one right

answer--the important thing is to have a reason why. Kids might describe the shapes as squished, smooshed, dented, or even goofy. But when they justify their thinking, they're talking math! Winner of the Mathical Book Prize for books that inspire children to see math all around them. This is one shape book that will both challenge readers' thinking and encourage them to think outside the box.--Kirkus Reviews, STARRED review

3d shapes kindergarten worksheet: Captain Invincible and the Space Shapes Stuart J. Murphy, 2001-08-21 While piloting his spaceship through the skies, Captain Invincible encounters three-dimensional shapes, including cubes, cylinders, and pyramids.

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3d shapes kindergarten worksheet: When a Line Bends . . . A Shape Begins Rhonda Gowler Greene, 2001-09-24 A line is thin. A line is narrow—curved like a worm, straight as an arrow. Squares, circles, triangles, and many more shapes abound in this lively book. With jaunty, rhyming text, young readers are invited to find different shapes on each busy, vibrant page. Once you start looking, you won't be able to stop! The perfect book for little ones beginning to distinguish shapes.

3d shapes kindergarten worksheet: Math on the Farm Elise Craver, 2020-08-11 Book Features: • Ages 5-7, Grades K-2, Guided Reading Level J, Lexile measure 410L • 24 pages, 8 inches x 8 inches • Simple, easy-to-read pages with full-color pictures • Includes vocabulary list, photo glossary, and hands-on review activity • Reading/teaching tips and index included Math Learning Made Fun: In Math on My Path: Math on the Farm, your early reader explores the ways math hides on the farm. With horses to count, chicks and pigs to sort, and tractors to measure, the 24-page book helps kids see math all around them. Bringing Math To Life: Part of the Math on My Path series, the fun book helps kindergarteners through 2nd graders think like math detectives as they explore familiar places for basic math concepts, including addition, subtraction, geometry, and more. Build Math And Reading Skills: As your child improves their number sense, this kids' book also helps your child learn essential reading comprehension skills with guided pre- and post-reading questions, reading tips, and post-reading activities. Leveled Books: Engaging, real-life photos and a photo glossary accompanied by simple, easy-to-read leveled text work together to engage your child in the story at a level they understand. Why Rourke Educational Media: Since 1980, Rourke Publishing Company has specialized in publishing engaging and diverse non-fiction and fiction books for children in a wide range of subjects that support reading success on a level that has no limits.

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3d shapes kindergarten worksheet: Elements of Art Workbook Andrew Kiczek, 2014-12-04 This book teaches the basics of art for K-5, with simple examples and handy review pages to reinforce concepts. The art workbook will have your kids asking: Can we work on another page? The skills are easy to teach and fun to learn! Preparation is easy, just pick the skill and you're ready to go.

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filled with much more than food. The aisles and shelves hold plenty of fun, too. As Justin helps his mother shop, he explores the variety of 3-D shapes all around him. As Justin can show you, there are always plenty of shapes to see!

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home or in the classroom and allows parents to supplement their children's learning in the areas they need it most. When kids finish the book, you can print and fill in the included award completion certificate to reward a job well done. RESULTS - Our toddler learning activities have helped educate kids, creating lifelong learners. help little The prek learning materials teach the alphabet letters, primary phonics, pre-writing skills, colors and shapes. Kids learn numbers, basic math, and following directions. With easy directions and visual clues, our preschool workbooks are fun and easy to use to help expand skills through reinforcement learning. Our Preschool Math Workbooks, Kindergarten and PreK Workbooks, Readers, and Letter Tracing Workbooks are all crafted through a kid's eyes while integrating parent and teacher standards. OUR STORY - Almost 25 years ago, long-time educator Marie worked closely with her fellow educators, and quickly identified a need for at-home learning materials to help parents support and supplement their children's classroom curriculum. GOGO Hub was born as a quickly emerging educational leader in children's workbooks for preschoolers and elementary school children. GOGO Hub, the Go-To for parents remains family-owned, focused on excellence, responsive to customers, and committed to the community. GOGO believes that education is everywhere and is passionate about making products that inspire life's learning moments. We continually update new content, reflective of the forever changing standards, evolving teaching methods, and overall best practices.

3d shapes kindergarten worksheet: Guided Math AMPED Reagan Tunstall, 2021-03-31 In today's classrooms, the instructional needs and developmental levels of our students are highly varied, and the conventional math whole-group model has its downsides. In contrast to the rigid, one-size-ts-all approach of conventional whole-group instruction, guided math allows us to structure our math block to support student learning in risk-free, small-group instruction. Guided math goes beyond just reorganizing your math block; it also gives you an opportunity to approach math instruction with a renewed sense of perspective and purpose. Drawing on two decades of experience, Reagan Tunstall oers step-by-step best practices to help educators revolutionize their math blocks with a student-centered approach. Whether you're a new teacher who's curious about guided math or a veteran educator looking to hone your methodology, Guided Math AMPED will transform your math block into an exciting and engaging encounter that encourages your students to see themselves as genuine mathematicians. Most educators have come to realize that the magic happens at the teacher table or during small-group instruction. If that's the case, Guided Math AMPED is the spell book. -JENNIFER SALYARDS, M.Ed., principal, Chamberlin Elementary, Stephenville ISD Guided Math AMPED provides educators with a practical framework for enhancing math instruction in a way that provides research-based practices, differentiated instruction, and fun, all while strengthening relationships with students and developing math mindsets. No matter your experience or tenure in education, Guided Math AMPED will give you tips and tricks to implement in your classroom. -MATT BERES, district administrator, Wooster, OH Guided math is one of the best things you can implement in your classroom, and Reagan Tunstall is the best to learn from, thanks to her perfect framework and step-by-step instructions. She has thought through every potential roadblock and offers concise solutions because she's experienced it all in her own classroom. -HALEE SIKORSKI, educator, A Latte Learning Don't you dare let another teacher borrow this book . . . you may never get it back! From the rst page to the end, this book is lled with practical ideas and guidelines guaranteed to take your guided math block to the next level. -LORI MCDONALD, M.Ed., retired educator

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rebuild him each time offer clothing to keep him warm.

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<https://www.youtube.com/watch?v=1zoXfaY0XhU> <https://www.youtube.com/watch?v=y91flkGcyX4>
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3d shapes kindergarten worksheet: *Make: Geometry* Joan Horvath, Rich Cameron, 2021-06-28 Geometry, of all the branches of mathematics, is the one that is most easily visualized by making something. However, it is all too easy to reduce it to reams of formulas to memorize and proofs to replicate. This book aims to take geometry back to its practical roots with 3D printed models and puzzles as well as demonstrations with household objects like flashlights and paper towel tubes. This is not a traditional geometry textbook, but rather builds up understanding of geometry concepts while also bringing in elements of concepts normally learned much later. Some

of the models are counterintuitive, and figuring out how and why they work will both entertain and give insights. Two final chapters suggesting open-ended projects in astronomy and physics, and art and architecture, allow for deeper understanding and integration of the learning in the rest of the book.

3d shapes kindergarten worksheet: Kindergarten Shapes and Geometry Success (Sylvan Workbooks) Sylvan Learning (Firm), 2011-01-18 Children who have a firm understanding of shapes, size, patterns, and location concepts will be ready for the challenge of geometry as they advance to more complex math topics. The activities in this workbook are designed to help your child ...--Cover back.

3d shapes kindergarten worksheet: 3-D Shapes Marina Cohen, 2010-08 A grocery store is filled with much more than food. The aisles and shelves hold plenty of fun, too. As Justin helps his mother shop, he explores the variety of 3-D shapes all around him. As Justin can show you, there are always plenty of shapes to see!

3d shapes kindergarten worksheet: The Little Book of Shape and Space Carole Skinner, Judith Dancer, 2015-06-04 This Little Book builds on children's natural enthusiasm and curiosity about shape and space. The hands-on, easy-to-follow experiences cover both 2D and 3D shapes and will inspire children to explore the spaces all around them in both indoor and outdoor play, and as they become familiar with the shapes and patterns in their every day environment.

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Additional Resources

[geometry 3D SHAPES - Math Fun Worksheets](#)

kindergarten geometry 3D SHAPES. www.mathfunworksheets.com 3D Shapes Chart Cube Cuboid Triangular prism Pentagonal prism Cylinder Hemisphere Cone Sphere Date 1. ... Cut ...

SHAPES match the 3D shape on top. Circle the shapes that

Scan the QR code below to open this interactive worksheet! Let your child learn and play! The worksheet comes with a professional voice over of the task, and will be automatically checked ...

2D or 3D shapes worksheet - K5 Learning

2D or 3D shapes Kindergarten Shapes Worksheet Draw lines from each shape to either "2D" or "3D" 2-D shapes are flat. 3-D shapes have depth, like a solid object. 2D 3D

Two vs. Three Dimensional Shapes - Kindergarten Worksheets

This engaging exercise aims to teach kindergarteners about 2-dimensional (2D) and 3-dimensional (3D) shapes. It helps them understand the different dimensions and develops ...

Year 1 - WORKSHEETS - 3D shapes - St John The Baptist CE ...

3D Shapes. 1. Tick () the correct shape and explain how you know. Tick () the correct shape and explain how you know. Tick () the correct shape and explain how you know.

3D Shapes - Launch

There are 35 ways to arrange 6 squares, but only 11 of them are nets of a cube. Use this worksheet to make your dice! Then use this worksheet to make a board game to go with your ...

Recognizing 3D-Shapes - Online Math Learning

Match these objects and shapes by drawing a line with your ruler from the object to the shape.

Pyramid Cylinder Sphere Cuboid - Kapow Primary

Dec 3, 2020 · 3D shapes worksheet Shape Sphere Cuboid Pyramid Cylinder How high was the card tilted before the shape toppled (centimetres)?

Math Center 2D Shapes 3DShapes FREE Preschool...

Constructing 3D Shapes – Choose a task card and construct the shape out of craft matchsticks and playdough. Shapes Recording Worksheets – The task cards can be used on their own as ...

Shape and space activities. 2D and 3D shapes. - The ...

Shape and space activities. 2D and 3D shapes. (a) Know the accepted conventions for representing 3-D objects, e.g. contour lines, representation of a cuboid. flatter than a circle. ...

3 D Shapes Kindergarten Worksheet - Amazon Web Services

1. The first 3d shape was discovered between 325 – 265 BC.
2. The “d” in 3d stands for the word “dimensional”.
3. Did you know, we live in a 3d world, but our eyes can show only 2 dimensions?

Lesson 62 • 3D shapes: stack, roll and slide

Introduce the idea that 3D shapes can stack, roll and slide. Song: Let's Build a Tower observe 3D shapes attempting to stack, roll and slide. Worksheet 1 Stack Match: Four in a Row, Sides and ...

Three Dimensional Shapes Grade: Kindergarten Math Unit for ...

Students should be able to apply their knowledge of the shapes in order to find these shapes in their everyday life, as well as how to create these shapes in their own way (whether that is in a ...

Identifying 3d shapes worksheet - K5 Learning

Identifying 3D shapes Grade 1 Geometry Worksheet Color the: cone red, cube blue, sphere green, and cylinder orange. Draw a line from each name to the picture that best represents it. ...

Unit K.2 Sorting, Analyzing and Composing Shapes - Center ...

Students will identify, name, and describe basic two-dimensional shapes (e.g. squares, triangles, circles, rectangles, and hexagons) and three-dimensional shapes (e.g. cubes, cones, cylinders ...

2D or 3D shapes worksheet - K5 Learning

2D or 3D shapes Kindergarten Shapes Worksheet Label the shapes as 2D or 3D. Draw arrows showing their dimensions. 2-D shapes are flat. 3-D shapes have depth, like a solid object.

Lesson 62 • 3D shapes: stack, roll and slide

- understand that 3D objects can stack, roll or slide.
- identify which motion each 3D shape can make.
- recognize that flat faces and curved surfaces make

Explore 2D&3D Shapes - CleverBooks

- Identify and describe 2D and 3D shapes.
- Analyze, compare, create, and compose shapes.
- Identify shapes as two-dimensional (lying in a plane, "flat") or three-dimensional ("solid").
- ...

2D or 3D shapes worksheet - K5 Learning

Write 2D or 3D beside each shape. 2-D shapes are flat. 3-D shapes have depth, like a solid object.

Kindergarten Shapes Worksheet - K5 Learning

Draw lines from the 3D shapes to the 3D word.

geometry 3D SHAPES - Math Fun Worksheets

kindergarten geometry 3D SHAPES. www.mathfunworksheets.com 3D Shapes Chart Cube Cuboid Triangular prism Pentagonal prism Cylinder Hemisphere Cone Sphere Date 1. ... Cut ...

SHAPES match the 3D shape on top. Circle the shapes that

Scan the QR code below to open this interactive worksheet! Let your child learn and play! The worksheet comes with a professional voice over of the task, and will be automatically checked ...

2D or 3D shapes worksheet - K5 Learning

2D or 3D shapes Kindergarten Shapes Worksheet Draw lines from each shape to either "2D" or "3D" 2-D shapes are flat. 3-D shapes have depth, like a solid object. 2D 3D

Two vs. Three Dimensional Shapes - Kindergarten Worksheets

This engaging exercise aims to teach kindergarteners about 2-dimensional (2D) and 3-dimensional (3D) shapes. It helps them understand the different dimensions and develops ...

Year 1 - WORKSHEETS - 3D shapes - St John The Baptist CE ...

3D Shapes. 1. Tick () the correct shape and explain how you know. Tick () the correct shape and explain how you know. Tick () the correct shape and explain how you know.

3D Shapes - Launch

There are 35 ways to arrange 6 squares, but only 11 of them are nets of a cube. Use this worksheet to make your dice! Then use this worksheet to make a board game to go with your ...

Recognizing 3D-Shapes - Online Math Learning

Match these objects and shapes by drawing a line with your ruler from the object to the shape.

Pyramid Cylinder Sphere Cuboid - Kapow Primary

Dec 3, 2020 · 3D shapes worksheet Shape Sphere Cuboid Pyramid Cylinder How high was the card tilted before the shape toppled (centimetres)?

Math Center 2D Shapes 3DShapes FREE Preschool...

Constructing 3D Shapes – Choose a task card and construct the shape out of craft matchsticks and playdough. Shapes Recording Worksheets – The task cards can be used on their own as ...

Shape and space activities. 2D and 3D shapes. - The ...

Shape and space activities. 2D and 3D shapes. (a) Know the accepted conventions for representing 3-D objects, e.g. contour lines, representation of a cuboid. flatter than a circle. ...

3 D Shapes Kindergarten Worksheet - Amazon Web Services

1. The first 3d shape was discovered between 325 – 265 BC.
2. The “d” in 3d stands for the word “dimensional”.
3. Did you know, we live in a 3d world, but our eyes can show only 2 dimensions?

Lesson 62 • 3D shapes: stack, roll and slide

Introduce the idea that 3D shapes can stack, roll and slide. Song: Let's Build a Tower observe 3D shapes attempting to stack, roll and slide. Worksheet 1 Stack Match: Four in a Row, Sides and ...

Three Dimensional Shapes Grade: Kindergarten Math Unit ...

Students should be able to apply their knowledge of the shapes in order to find these shapes in their everyday life, as well as how to create these shapes in their own way (whether that is in a ...

Identifying 3d shapes worksheet - K5 Learning

Identifying 3D shapes Grade 1 Geometry Worksheet Color the: cone red, cube blue, sphere green, and cylinder orange. Draw a line from each name to the picture that best represents it. ...

Unit K.2 Sorting, Analyzing and Composing Shapes

Students will identify, name, and describe basic two-dimensional shapes (e.g. squares, triangles, circles, rectangles, and hexagons) and three-dimensional shapes (e.g. cubes, cones, cylinders ...

2D or 3D shapes worksheet - K5 Learning

2D or 3D shapes Kindergarten Shapes Worksheet Label the shapes as 2D or 3D. Draw arrows showing their dimensions. 2-D shapes are flat. 3-D shapes have depth, like a solid object.

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