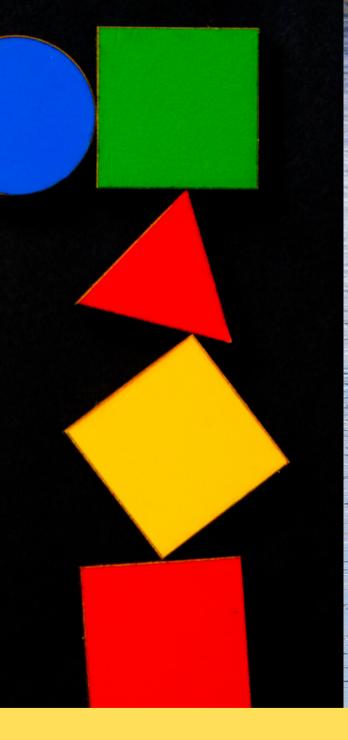
2D Shapes: Sides and Vertices

ALSO INCLUDES GOOGLE SLIDES





These worksheets are perfect for students who:

- is an early or non-reader
- lacks prerequisite skills

• Has an intellectual disability

• benefits from picture support • takes alternative assessments

2D Shapes: Sides and Vertices Unit for Special Education

By Christa Joy Special Needs for Special Kids





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Also included in this resource as separate files:

- Lesson plans
- Links and directions to digital activities
- PowerPoint (this is the book in the lesson plan)
- Voice recorded PowerPoint
- Activities in black and white

This unit contains printable and digital activities. There is a lot of repetition and opportunities for students to practice. The problems are also spaced out to decrease distractions.

These activities are in 2 separate files, one in color and one in black and white.

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Day 5

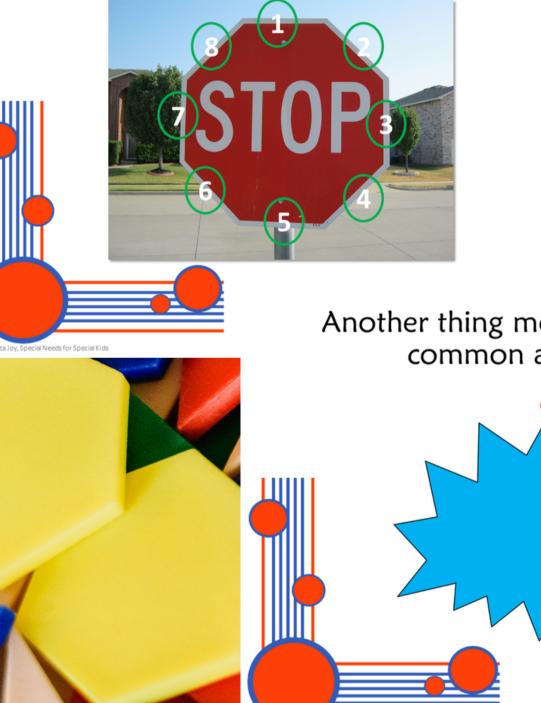
Activity	Notes	Materials
Read or listen to the movie version of What Makes a Shape? (10 minutes)	 Read through book to start each lesson while students are getting settled Make connections between book and previous knowledge Make connections to vocabulary board 	 Book Vocabulary board
Group Activity (15 minutes)	 Students will practice sorting shapes See activity for complete directions and suggestions 	Sorting labelsShapes to sr
Shape worksheets (10 minutes)	 Complete the worksheet: Count the number of sides There are 2 of these worksheets, do just one or both depending on the learning level of your students Students will place a sticker or mark on the sides of each shape 	 Worksh€ pencils
Sharing (10 minutes)	 Each student shares their finished worksheet with the group using the communication method of their choice 	 Completed worksheets Communication devices

- students with significant needs each day
- Overall tips for teaching • A quick look at what you will do • Detailed instructions on how that day's lesson should run



The lesson plans contain:

This shape has 8 sides.



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Another thing most shapes have ir common are vertices.

simple text and engaging photos.

The book also comes in:

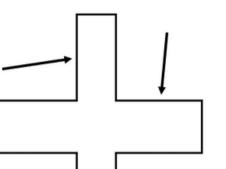
- PowerPoint

There is a 28-page book with

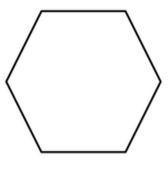
• a movie version (mp4)

All shapes have sides or outer edges.

How many sides does this shape have?



©Christ



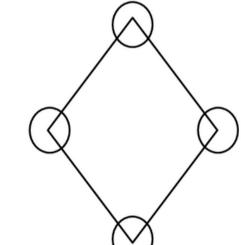
sides

Another thing shapes have in common are

@ChristaJov. SNS8

vertices.

vertices are where 2 sides meet.



There is also a black and white student booklet that covers the same information in the book.

- Reviews information
- Answer questions
- Color when done

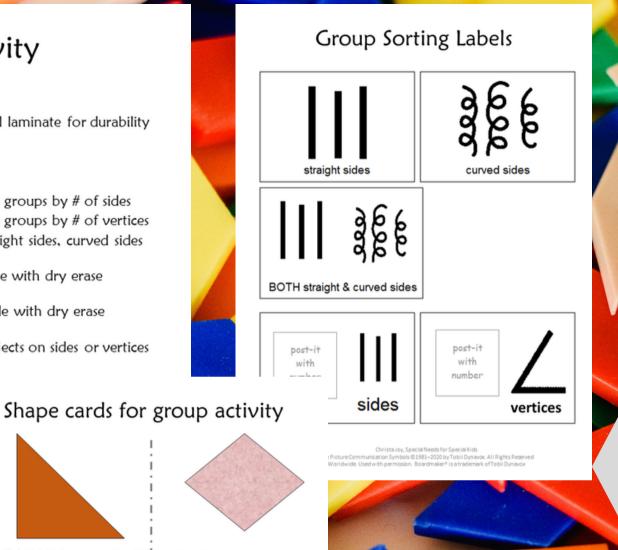
Page 7

Page 8

©Christa Joy, SNS

Group Activity

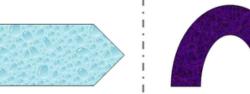
- Preparation
 - Print the shapes onto cardstock and laminate for durability (color and BW versions provided)
 - Make one set for each student
- Suggestions
 - Have them sort the shapes into groups by # of sides
 - Have them sort the shapes into groups by # of vertices
 - · Sort them into groups with straight sides, curved sides or both
 - If laminated, have students trace with dry erase markers the sides
 - · If laminated, have students circle with dry erase markers the vertices
 - · Place stickers or other small objects on sides or vertices



and labels.

- Color

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Group activity 1

- There are group activities that include 18 shape cards

 - Black and white

Who am I game

- Give each student a set of Who am L cards
 - Use the flash cards from the group activity in week 1
 - Use the calling cards from Bingo game
- Various options/ways to play, but the goal is to have students hold up the card you are talking about. Sometimes there can be more than one correct answer
- · Things you can do:
 - · Hold up a who am I card
 - Show a page from the book
 - Point to a symbol on the vocabulary board
 - Verbally describe something about that shape.
 - How many sides?
 - How many vertices?
 - Straight or curved sides?
 - Common object that has the same shape.

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Group activity 2

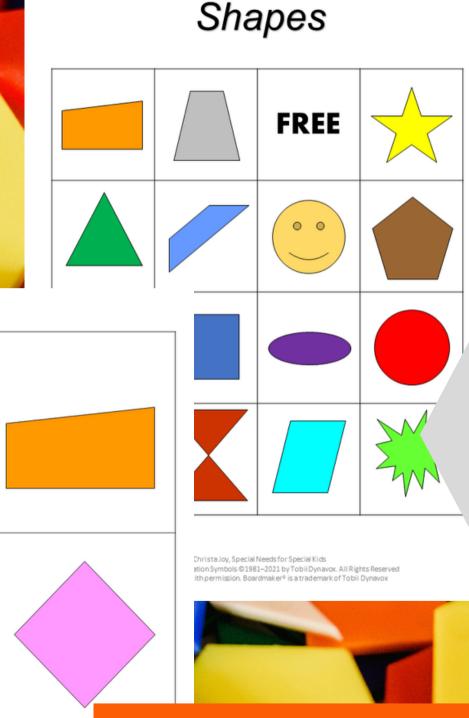
 Who am I activity using flashcards.

• Variations/ ways to play included

Bingo cards

- Included are 10 Bingo cards in color and 10 Bingo cards in BW.
- · Place the cards in page protectors or laminate for long term use.
- Calling cards are included.
- · This is a great way to practice the new vocabulary included in this unit.
- · Cut apart a set of the vocabulary cards to use as the calling cards.
- Options:
 - Show students the picture for them to match
 - Read the definition and see if students c⁻⁻ find the module picture
 - Work as teams
 - · Vary the "winning" patterns.
 - Cover all
 - Cover corners
 - Row across or down
 - Cover the edges
 - · Vary the ways to mark the card
 - Place in page protector or laminate
 - Stickers
 - Post-it notes
 - Dot markers

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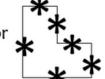


Calling cards included

Christa Joy, Special Needs for Special Kids The Picture Communication Symbols @1981–2021 by Tobii Dynavox. All Rights Reserved Worldwide, Used with permission. Boardmaker⁹ is a trademark of Tobii Dynavox There are 10 color and 10 black and white Bingo cards included plus 10 different ways to use them and play Bingo. There are calling cards included.

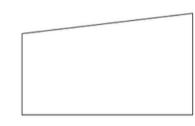
Group activity 3

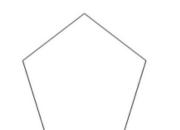
Identify the sides of each shape by placing a sticker or draw a star on each side.

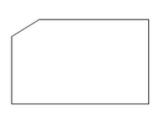


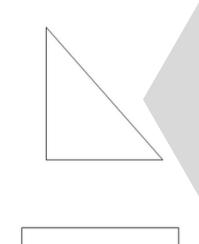
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Identify the vertices of each shape by placing a sticker or draw a star on each vertex.







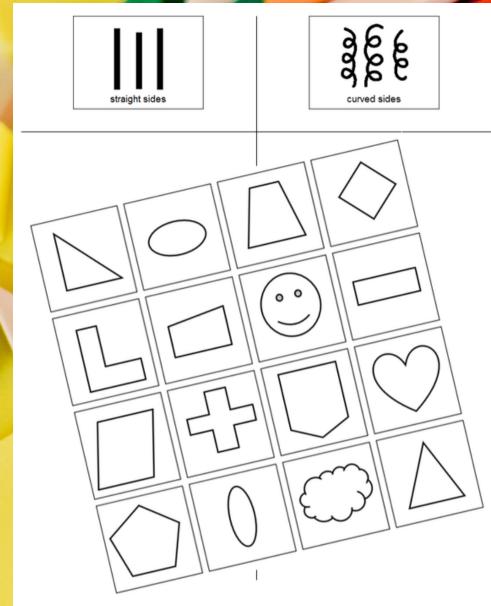


shapes.

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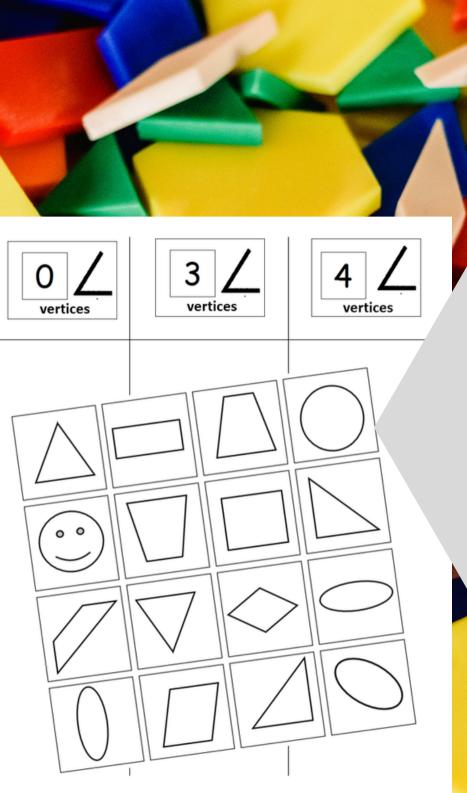
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There are 2 worksheets for students to practice identifying the sides or vertices of various



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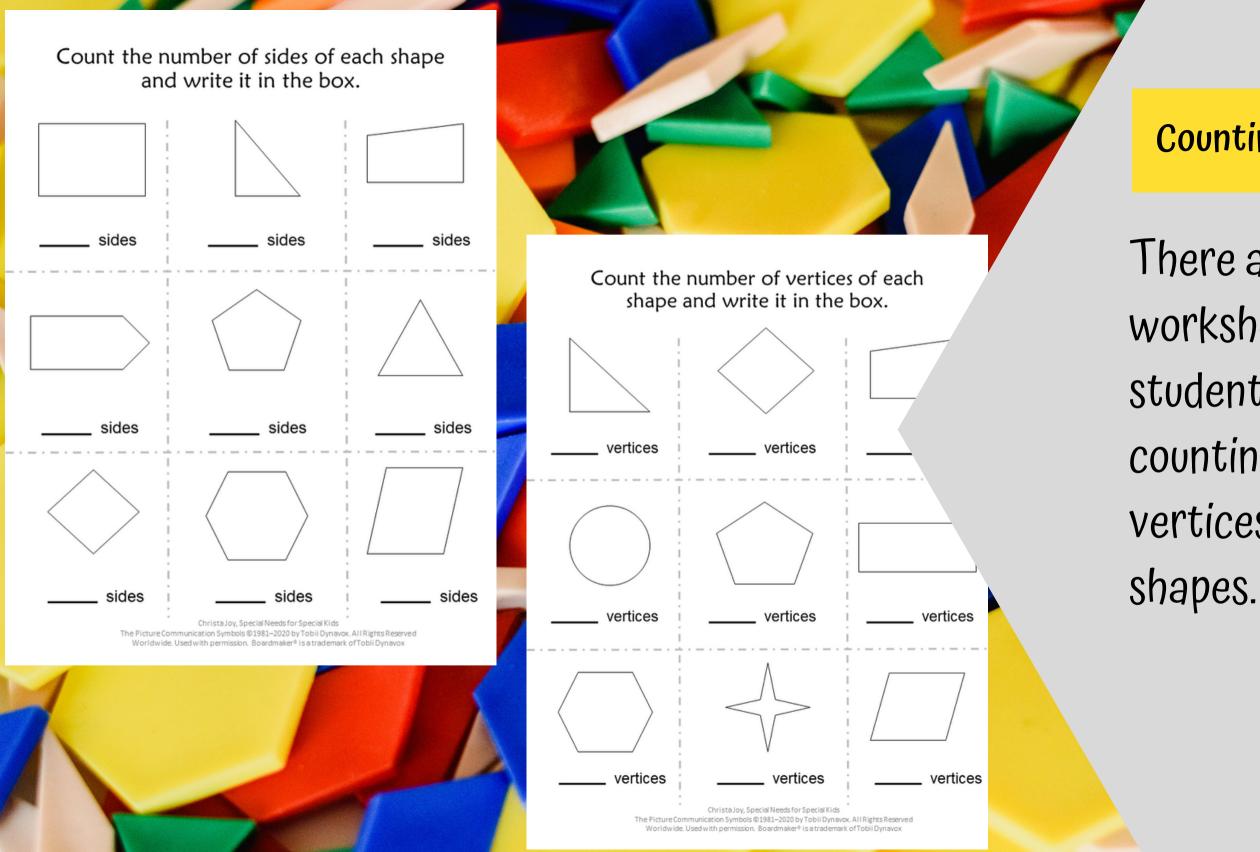


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There are 4

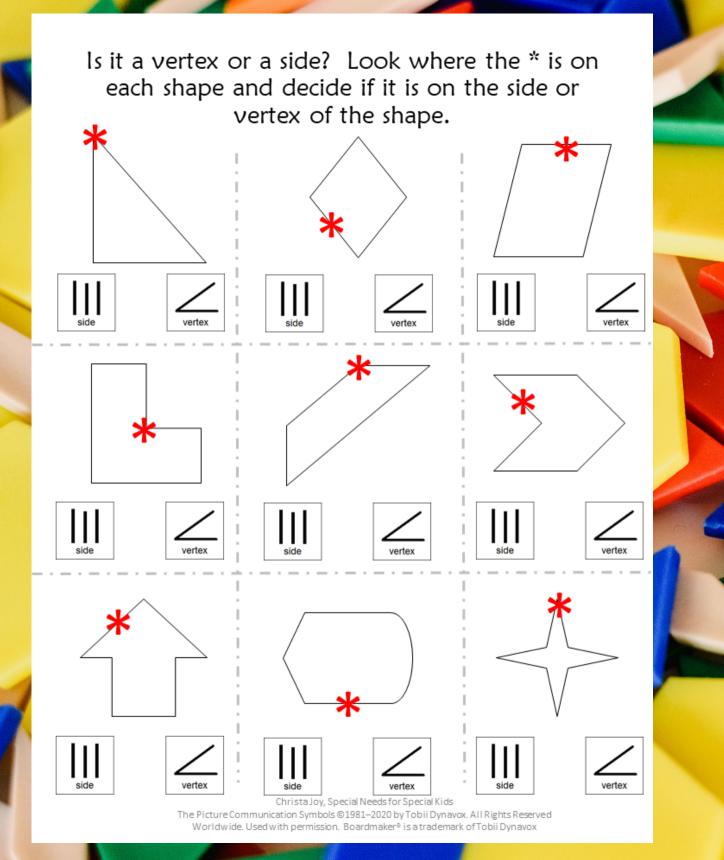
Sorting activities

worksheets for students to sort sides or vertices.

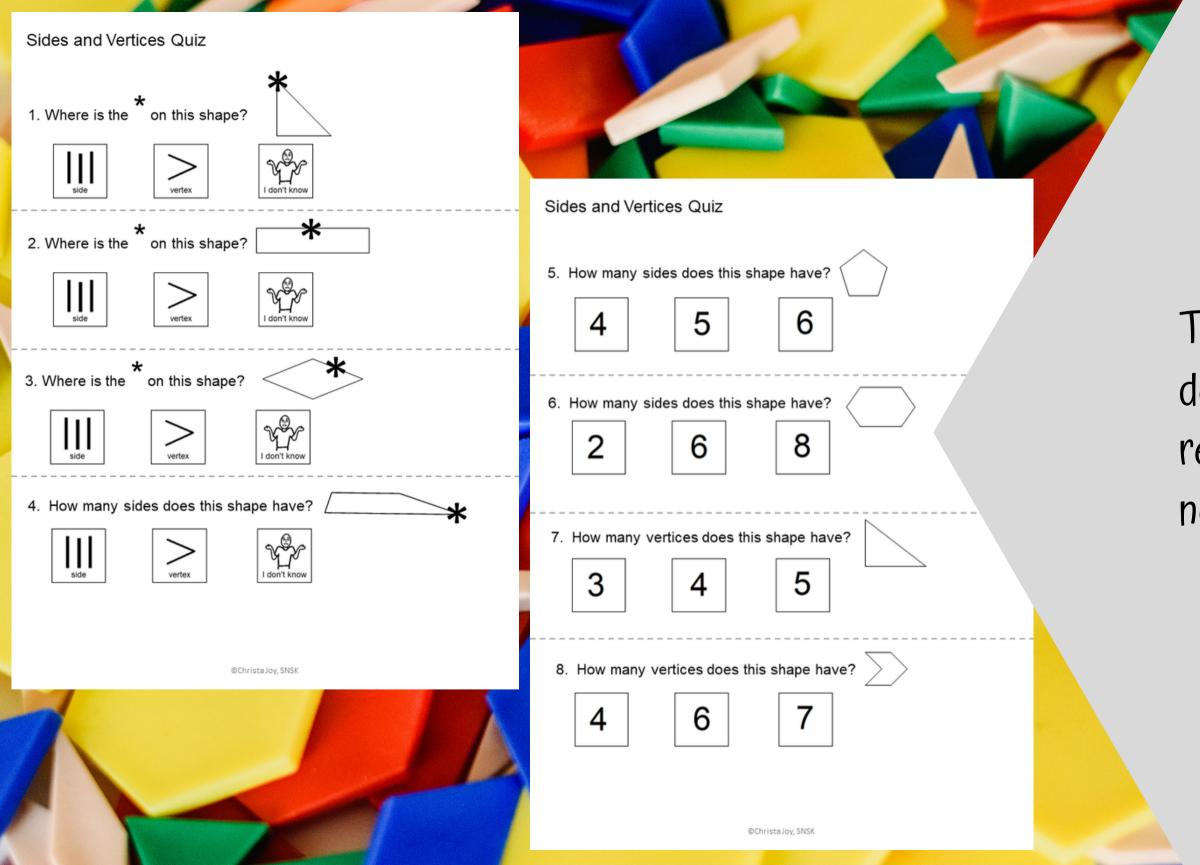


Counting activities

- There are 4 worksheets for students to practice counting the sides or vertices of various



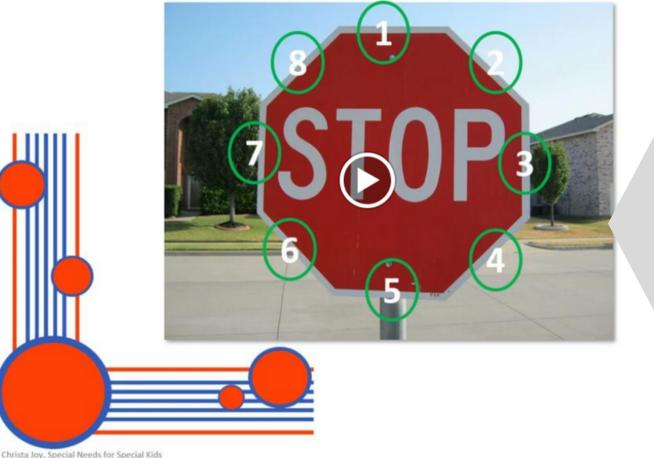
There are 2 worksheets for students to practice again, in a slightly different presentation, if it is a side or vertex.



There is a quiz to determine if more reteaching is needed.

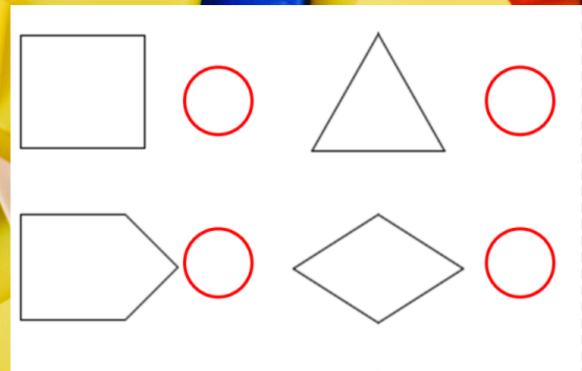
Watch the movie on Shapes: sides and vertices.

This shape has 8 sides.



The book is embedded as a movie in the digital activities.

Great for review



Place a star on each side. Then count the total number of sides for each shape in the circle.



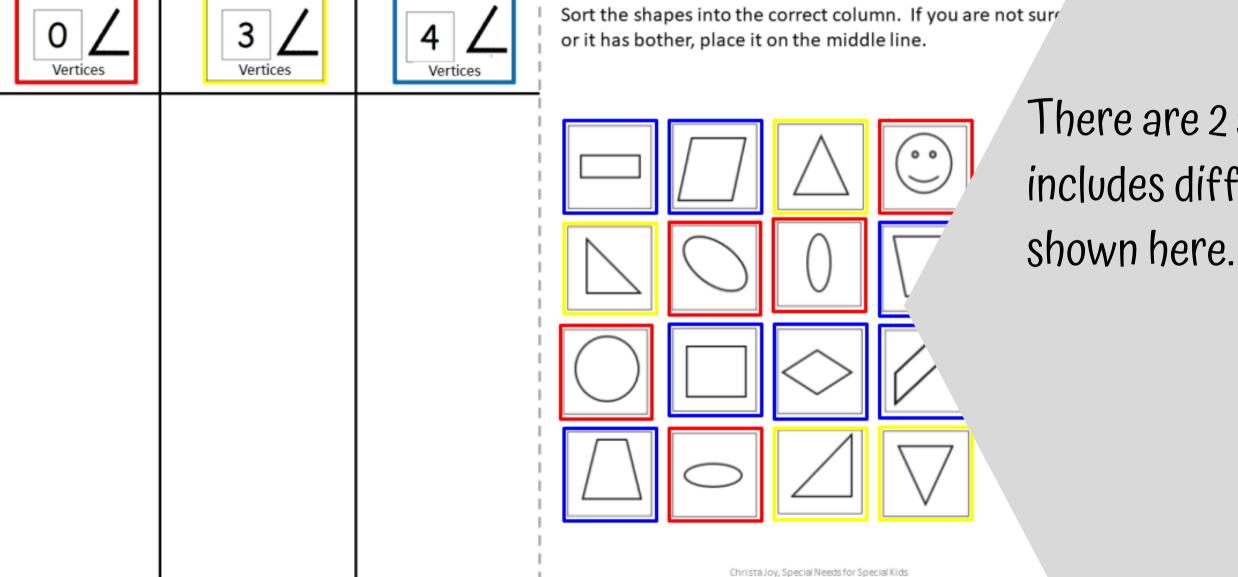
the answers.

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There are digital versions of the activities included. Students click and drag

Perfect for every learning level



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There are 2 sets, one that includes differentiation

This resource comes in a zipped folder. You will need to unzip the folder to access all the contents which include:

- Lesson plans
- Sides and vertices activities in color
- Sides and vertices activities in black and white
- Voice-recorded PowerPoint shows
- Sides and vertices book (PowerPoint) to use with activities
- Links and directions to digital activities