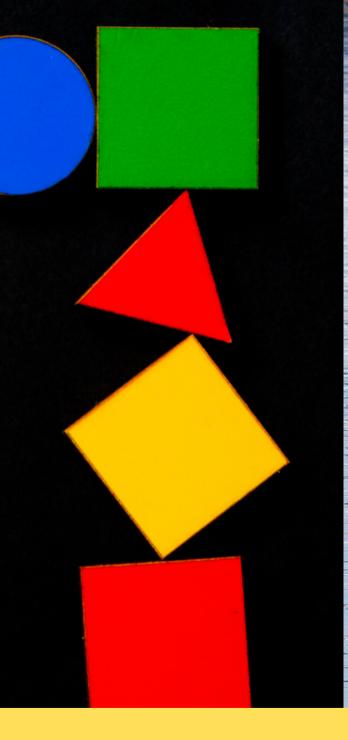
2D Shapes: Sides and Vertices

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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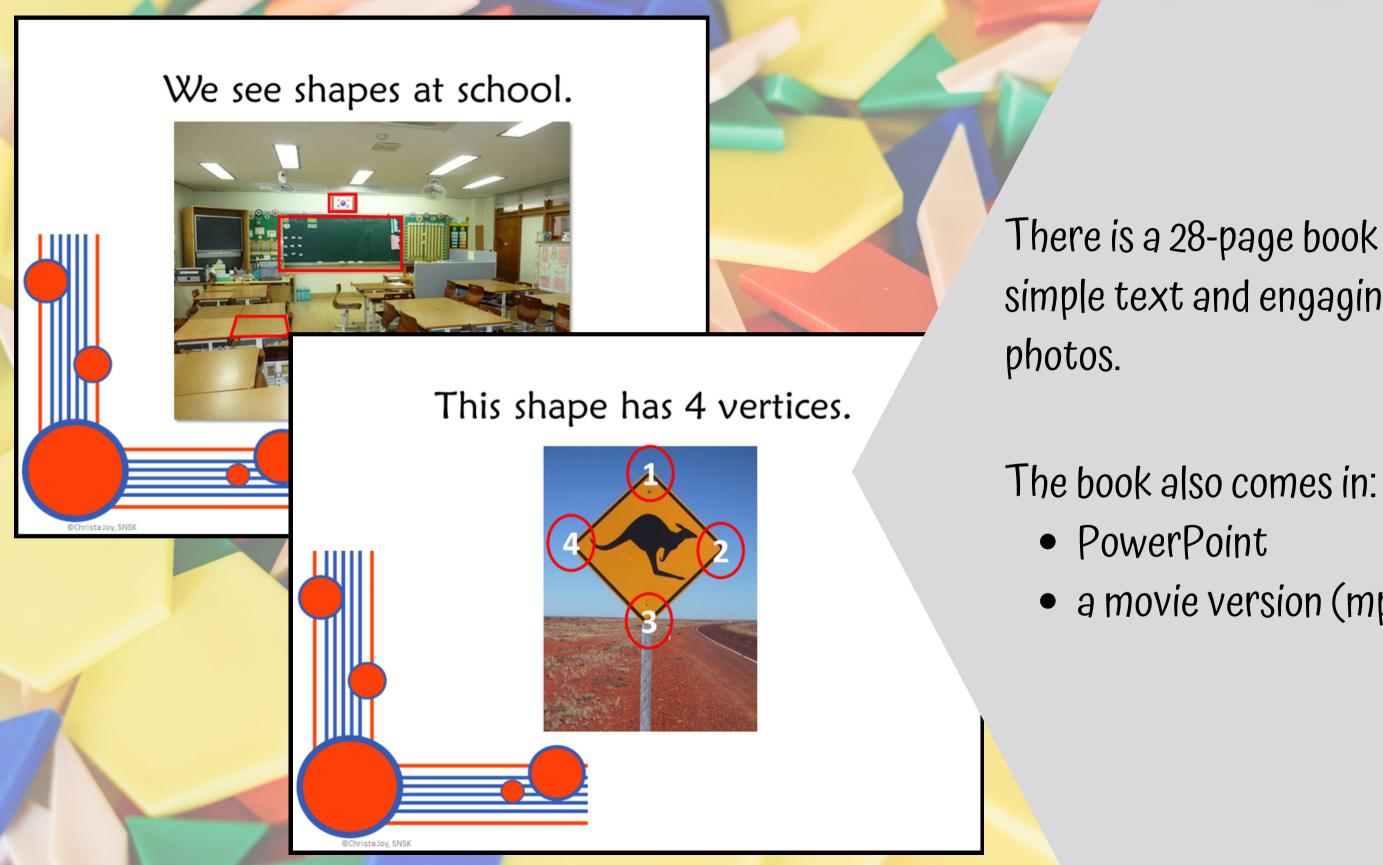
Day 5

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

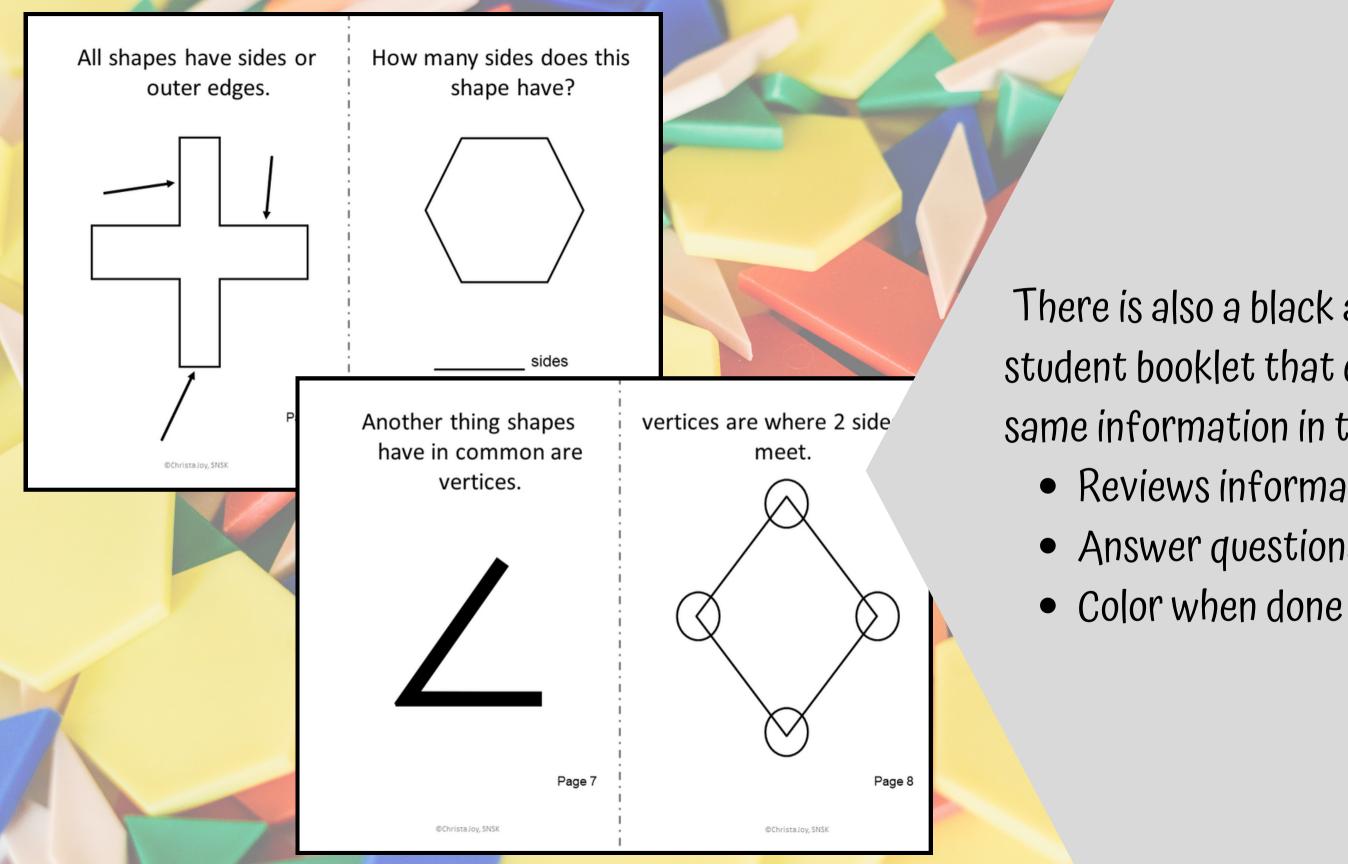


The lesson plans contain:



There is a 28-page book with simple text and engaging

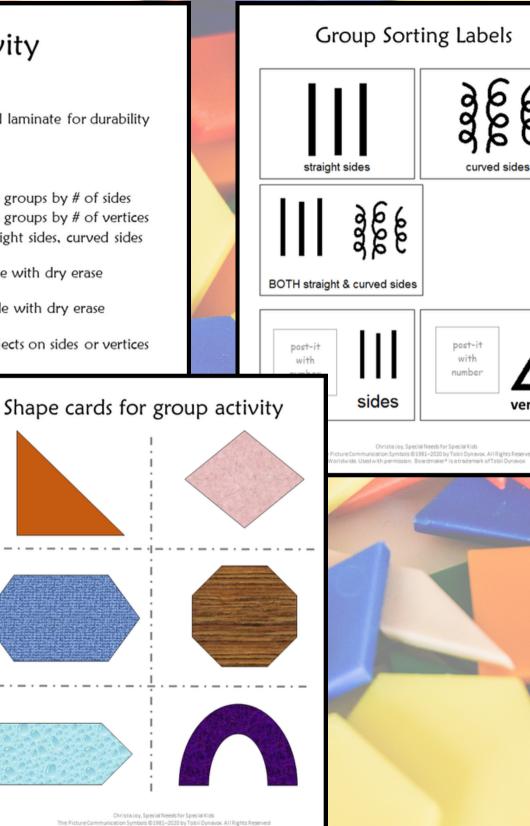
• a movie version (mp4)



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

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



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200

vertices

and labels.

- Color

Christa Joy, Special Ne The Picture Communication Symbols @1981-2 Worldwide. Used with permission. Board

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

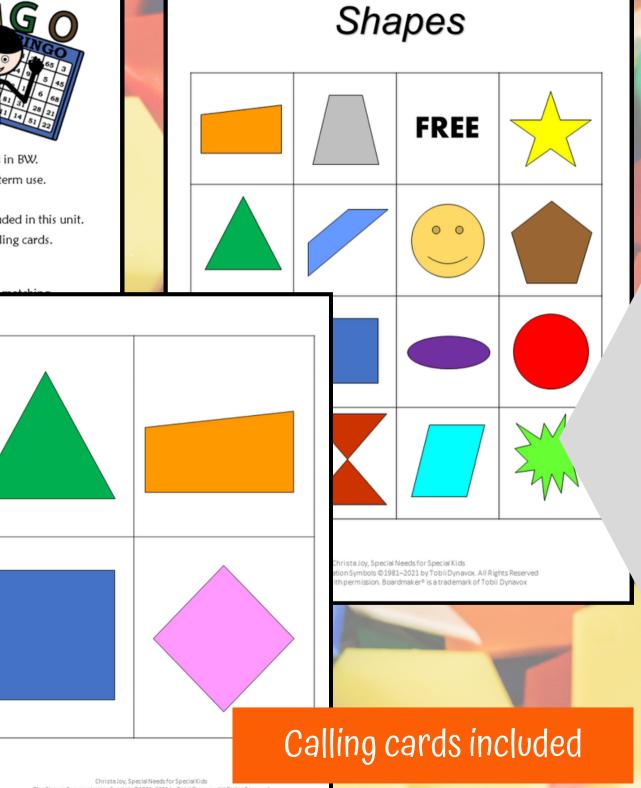
Bingo cards



Included are 10 Bingo cards in color and 10 Bingo cards in BW.

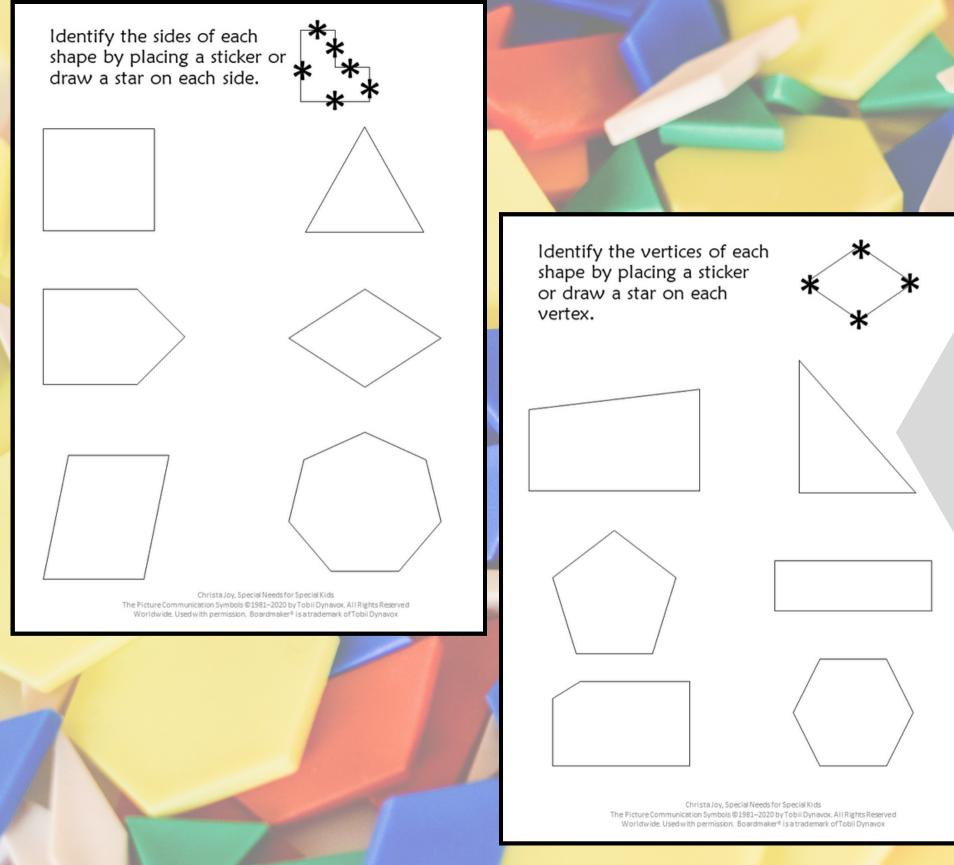
- · Place the cards in page protectors or laminate for long term use.
- Calling cards are included.
- This is a great way to practice the new vocabulary included in this unit.
- · Cut apart a set of the vocabulary cards to use as the calling cards.
- Options:
 - · Show students the picture for them to match
 - Read the definition and see if students conjucture
 - 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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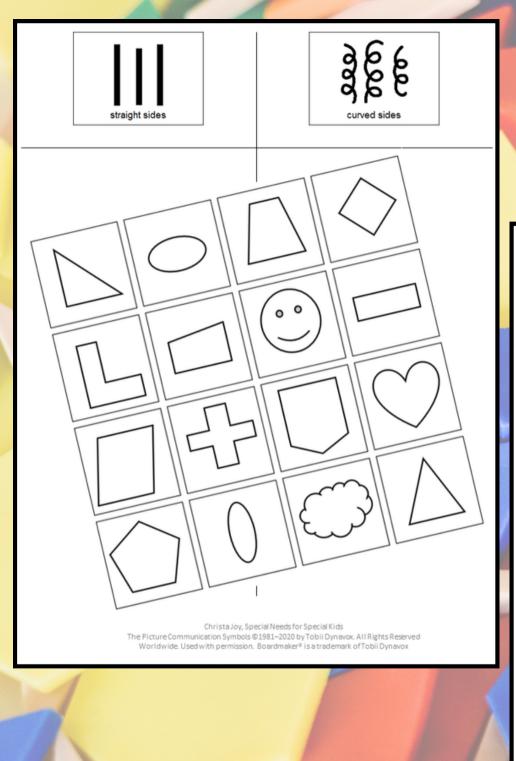
The Picture Communication Symbols @1981-2021 by Tobii Dynavox. All Rights Reserved Worldwide. Used with permission. Boardmaker® is a trademark of Tobii Dynavox. There are 10 color and 10 black and white Bingo cards included plus 10 different ways to use them and play Bingo. There are calling cards included.

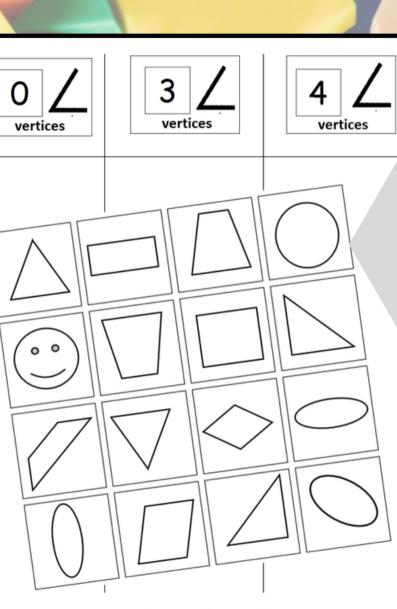
Group activity 3



shapes.

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



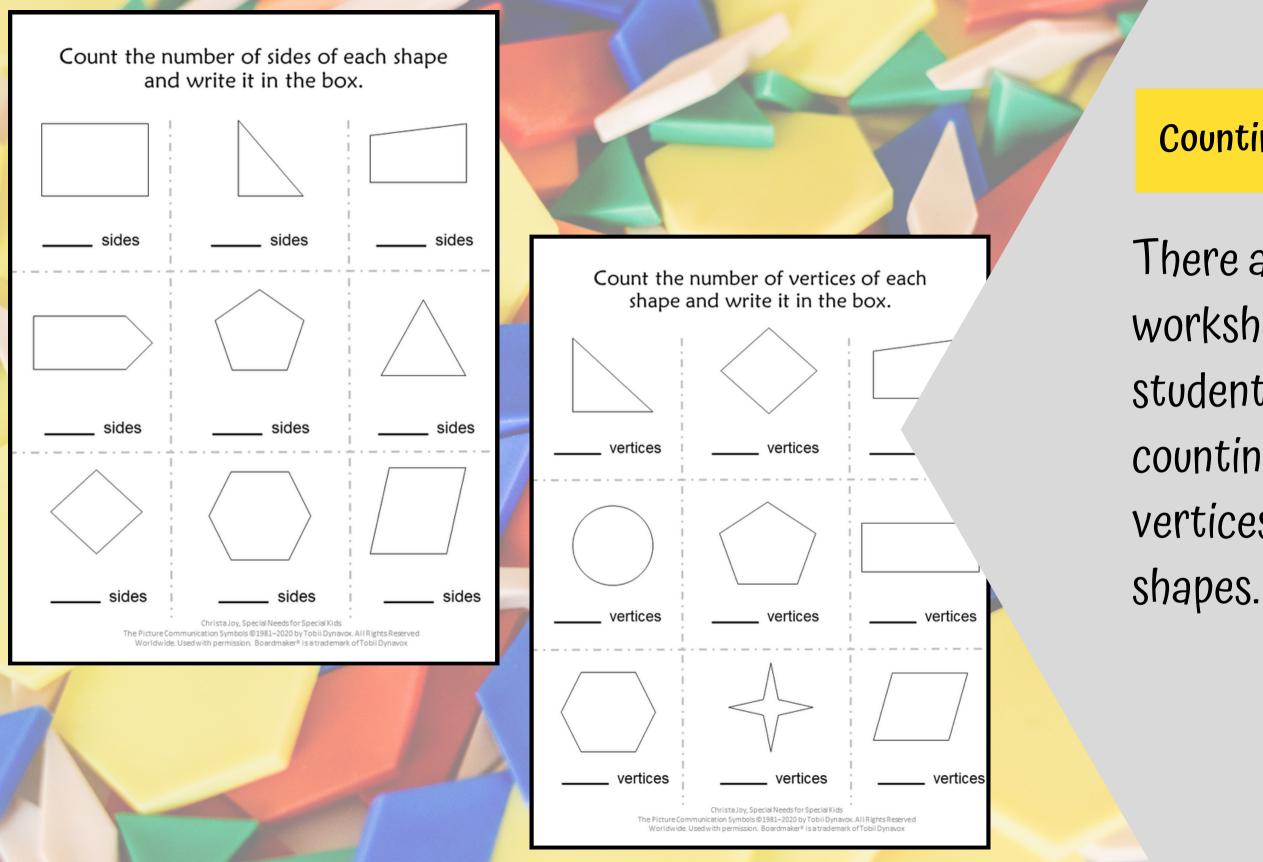


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There are 4 or vertices.

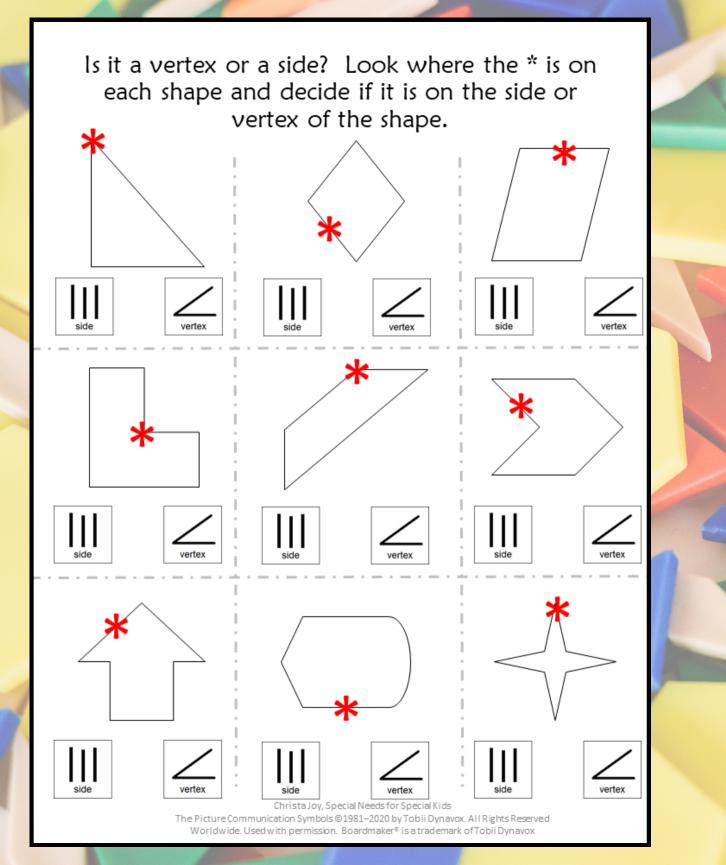
Sorting activities

worksheets for students to sort sides

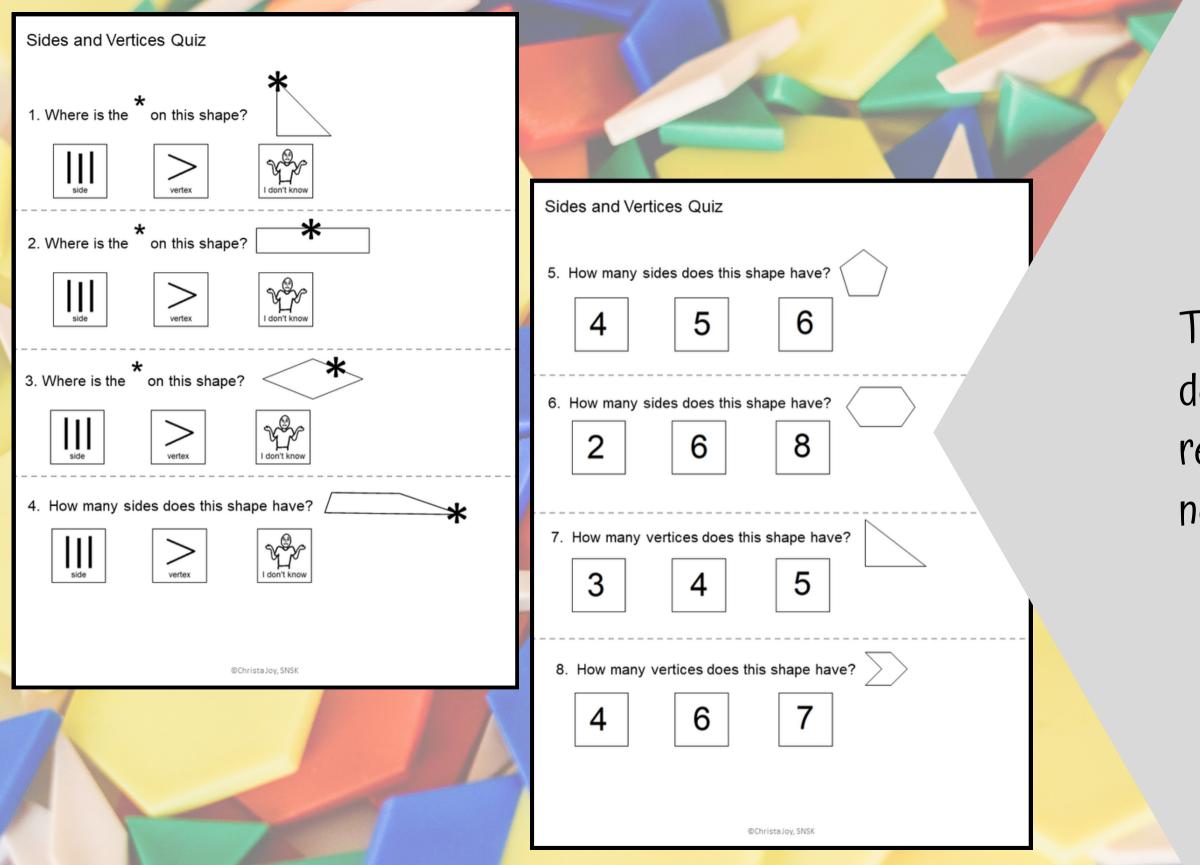


Counting activities

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



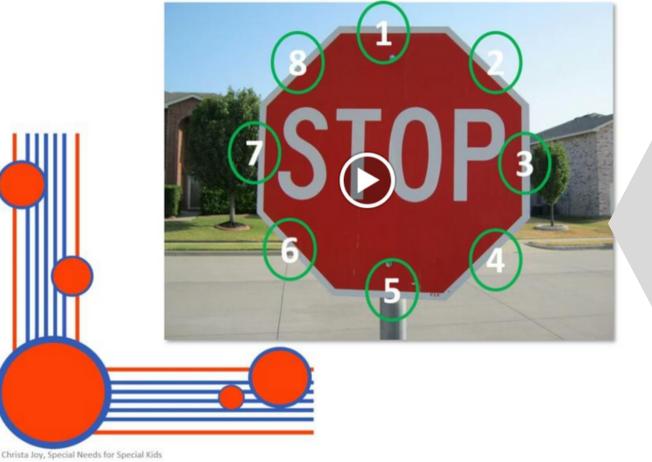
There are 2 worksheets for students to practice again, in a slightly different presentation, if it is a side or vertex.



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

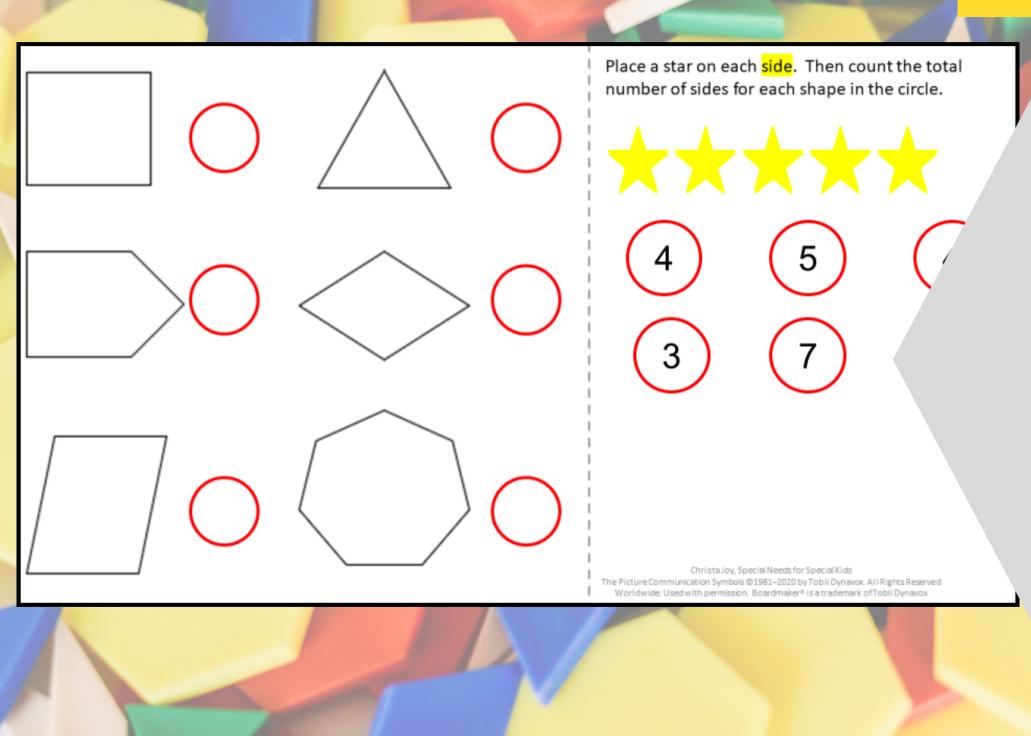
Watch the movie on Shapes: sides and vertices.

This shape has 8 sides.



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

Great for review

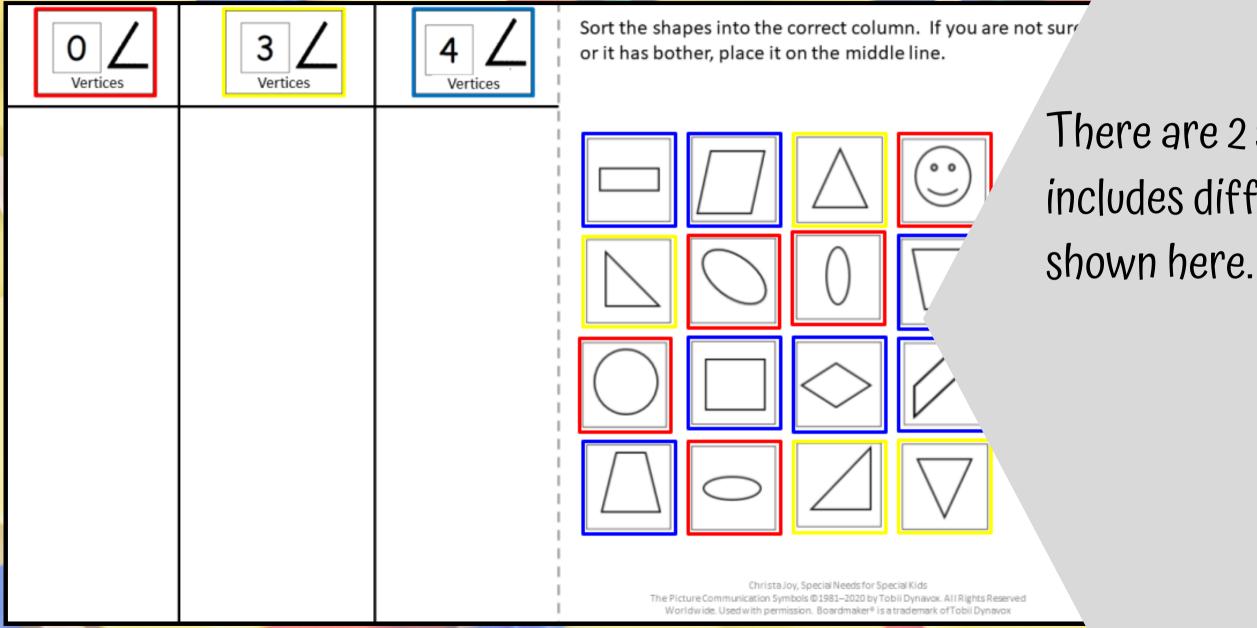


the answers.



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

Perfect for every learning level



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