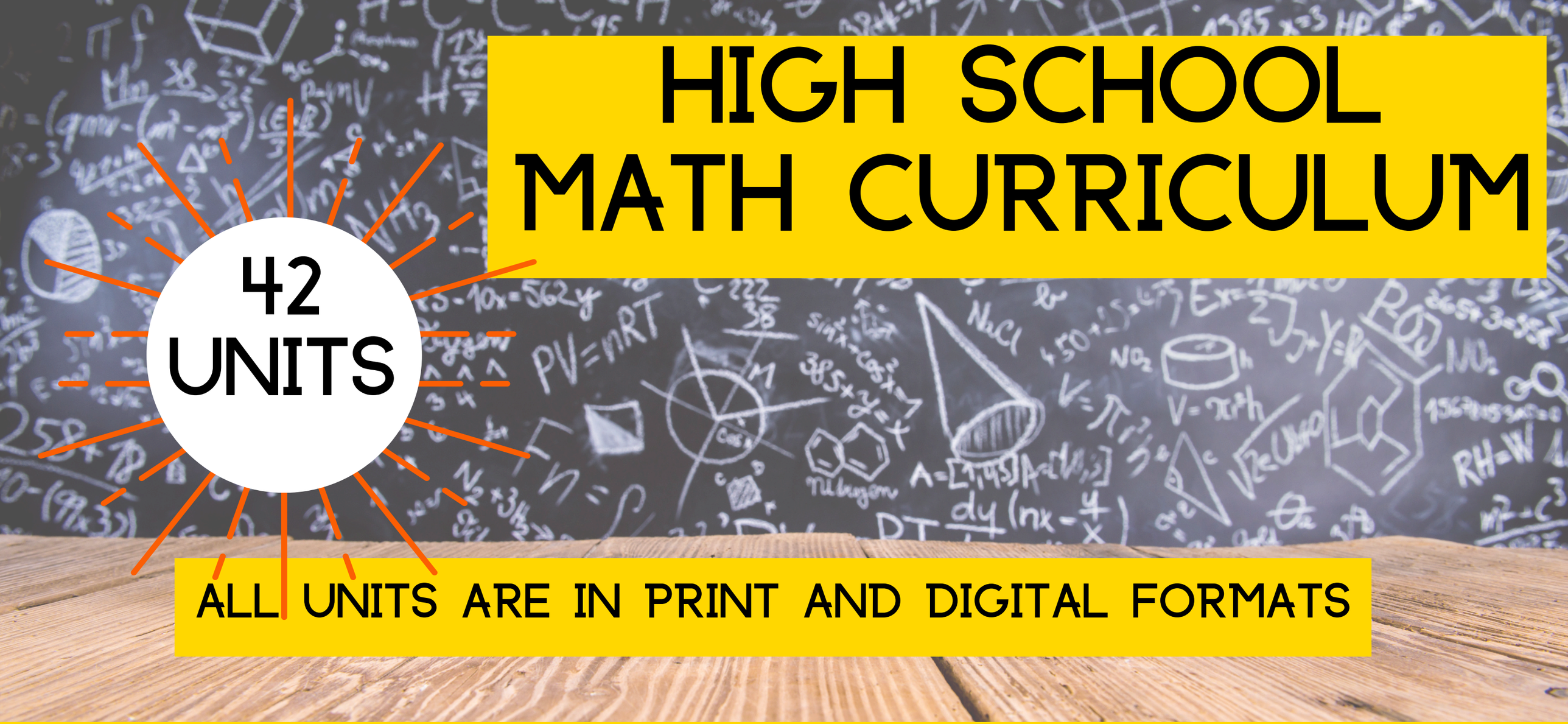

HIGH SCHOOL
MATH CURRICULUM
42
UNITS
ALL UNITS ARE IN PRINT AND DIGITAL FORMATS
JOY
2
TEACH
SPECIAL EDUCATION

For students who:

- are emerging or non-readers
- take alternate assessments
- are in special education
- short-attention span
- lack pre-requisite skills
- benefit from the use of pictures for support
- middle/high school

Why you need this curriculum:

- If you teach multiple grade levels, you have all you need in one place.
- Having the same layout for each unit reduces students' anxiety and allows them to focus on the content.
- Aligned with extended learning standards.
- Saves you money
- Saves you time.

This bundle covers these main areas of study:

- Fractions (8 units)
- Algebra 1 (6 units)
- Algebra 2 (7 units)
- Geometry (7 units)
- Statistics (8 units)
- Financial Literacy (6 units)

All units have printable AND digital versions

All units built using the extended learning standards

These units contain various activities. Most units include:

- Detailed lesson plans
- A book PLUS a pre-recorded PowerPoint show and movie version
- Vocabulary board
- Vocabulary cards and cut/paste activities
- Circle maps
- Sorting activities
- Practice worksheets
- Close worksheets (fill in the blank)
- Vocabulary puzzles
- Assessments (3 versions)

The activities are differentiated to allow more students to participate in the same activity.

- Saves you time
- Fosters inclusion

KEEP SCROLLING FOR ALL THE DETAILS

Table of Contents

Also included with this unit is a power point show that is narrated and has automatic advancement of slides. Let me know in the feedback if this was helpful ☺

Every unit has lots of different activities and ways for students to practice that skill.

Lesson plan

Day 3

Activity	Notes	Materials
Read or listen to a recording of the book (10 minutes)	• Read through the story, asking lots of questions • Continue to make connections between book and vocabulary board	• Book • Vocabulary board

Vocabulary cards Scavenger Hunt (10 minutes)	• Place one set of the vocabulary cards around the room before lesson
	  ○ Students walk around and find them, bring them back and matching them to their own set of cards
	  ○ You can do this same activity with the vocabulary board. Just cut the individual symbols apart and place around the room.
		• Vocabulary cards (extra sets)
		•

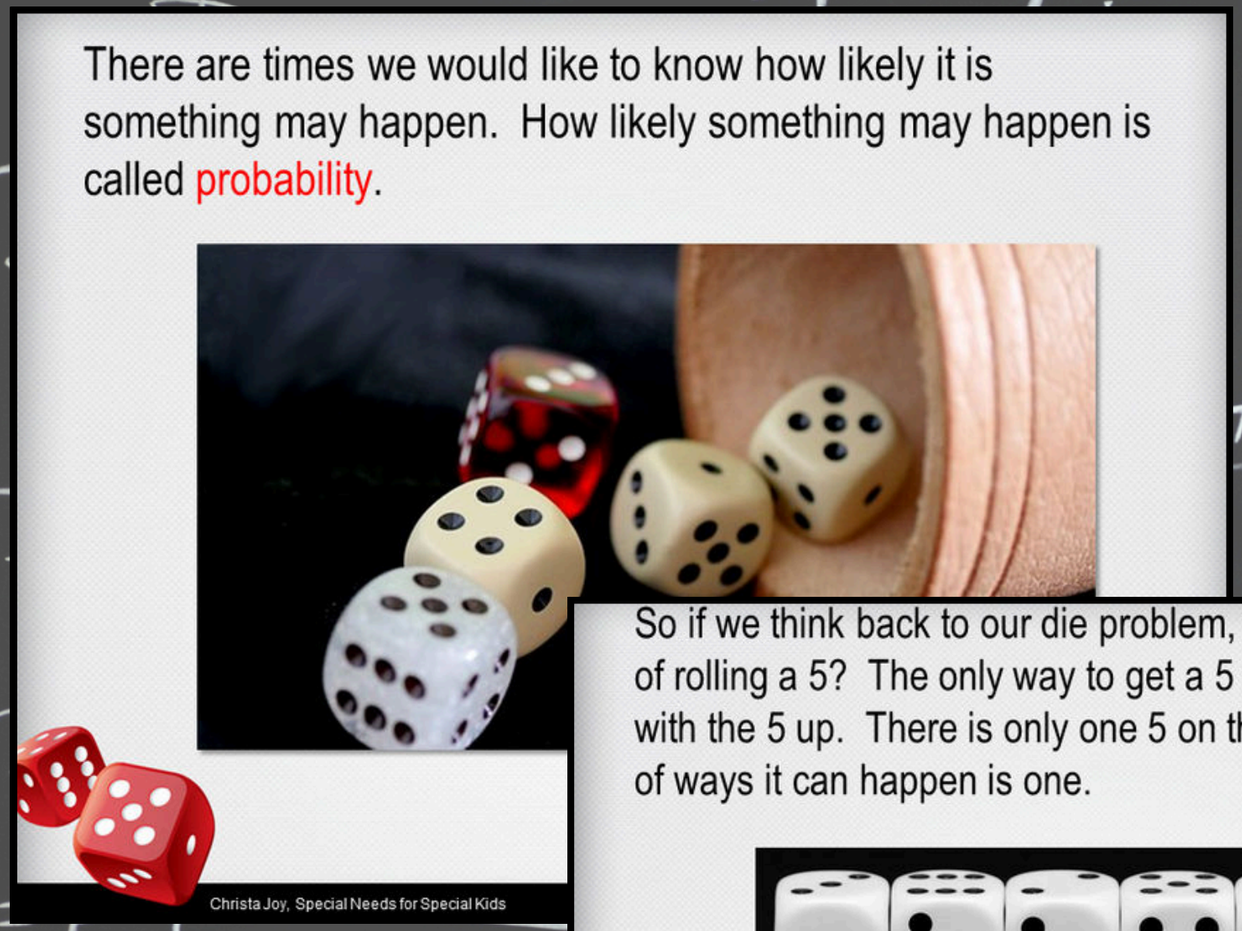
Labeling worksheet review (5 minutes)	• Review the worksheet completed yesterday	• worksheet from yesterday
Reading box plots (10 minutes)	• Do 1-2 of the worksheets where student read values from a box plot. • Choose the best version for your students. • One has color coding. • These worksheets get more difficult as you go along. There are 6 in total, so I would recommend doing 2 a day.	• Worksheet
Sharing (10 minutes)	• Each student shares one of their finished worksheets with the group using the communication method of their choice	• Completed worksheets • Communication devices

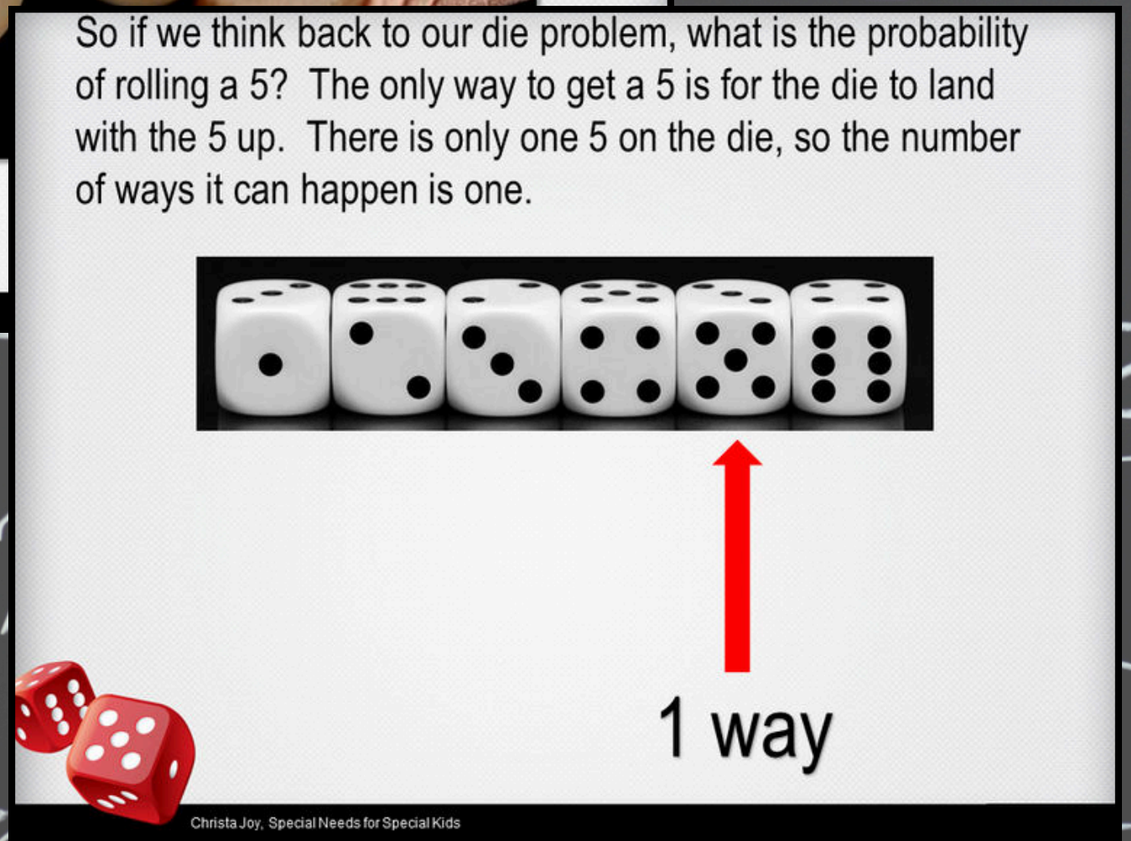
Every unit has a detailed lesson plan with suggestions, a quick look, and a daily step-by-step guide.

J2T

Book

Every unit has a book with simple text and engaging photos. This book walks through the process and what students need to know to complete the problems in the unit. It comes in a pdf, recorded PowerPoint show, and an mp4 file.

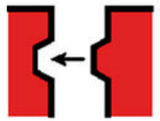




Vocabulary

function

Relationship between 2 things that does not change.



Function machine

function machine

System that takes an input value, applies a rule, and comes up with a new output value.

Function machine

function rule

Defines how the input is changed. It remains constant for each machine.

$f(x) = y$

Function machine

input value

The starting value. What goes into the function machine.

Function machine

output value

The new value that comes out of the function machine once the rule has been applied.

Function machine

predict

Using the function rule, being able to figure out what the output will be given the input value.

Function machine

function table

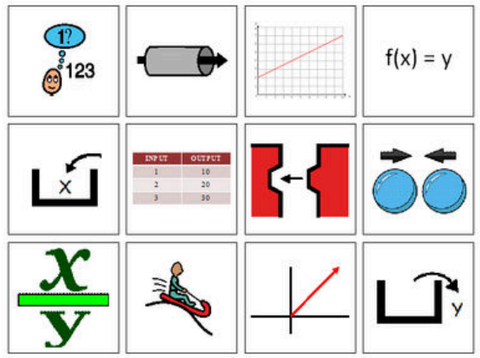
Helpful tool to organize the input values and output values when a certain rule is applied.

Function machine

linear function

Any function that makes a straight line on a graph.

Cut apart and match pictures with definition.



graph

Linear function

variables

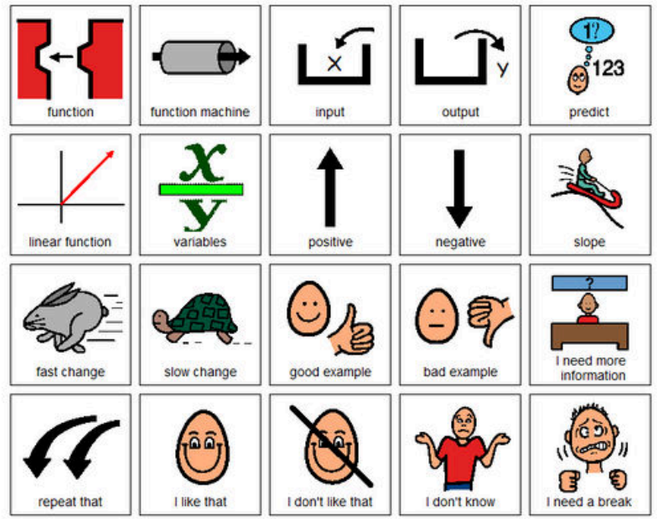
Linear function

dependent

Linear function

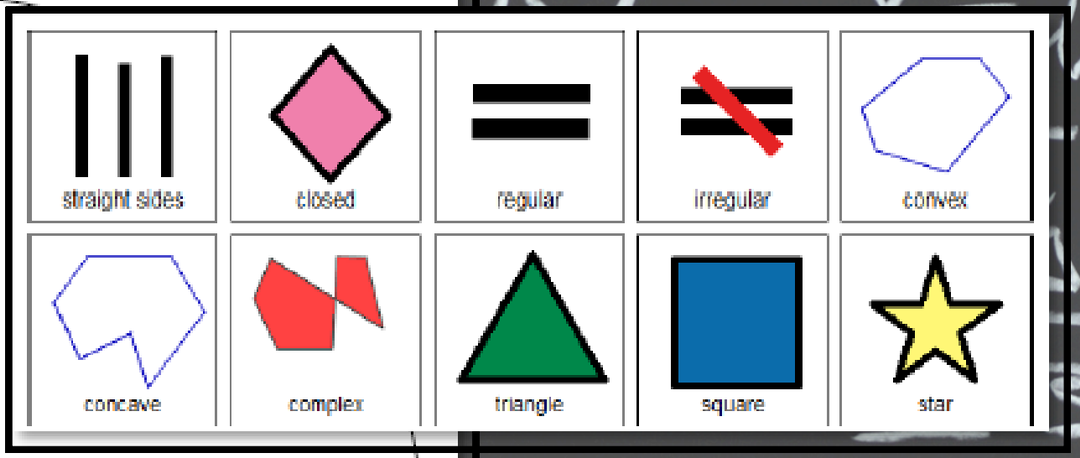
slope

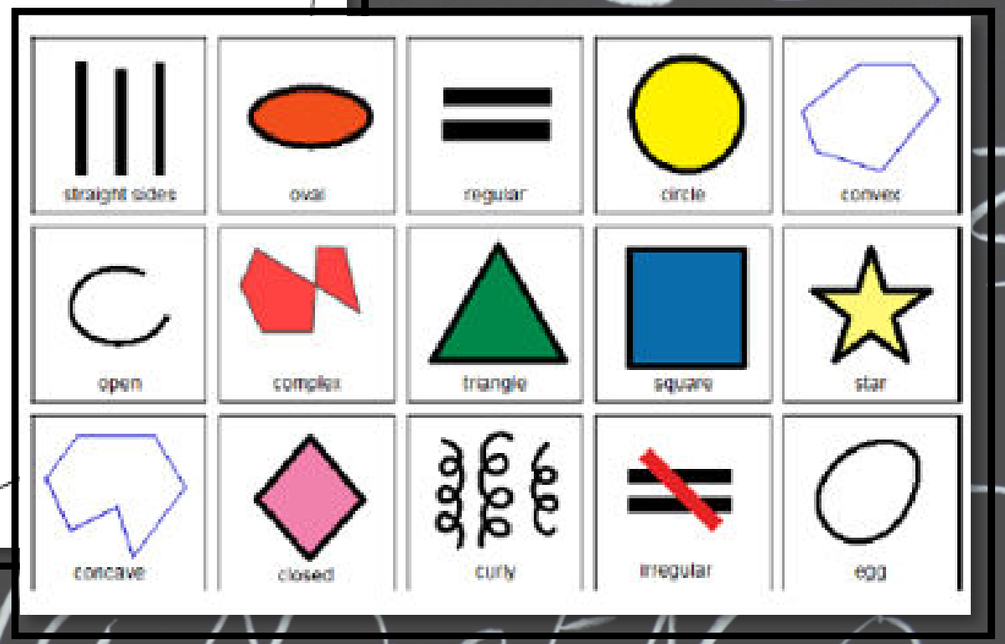
Linear function



J2T

circle maps



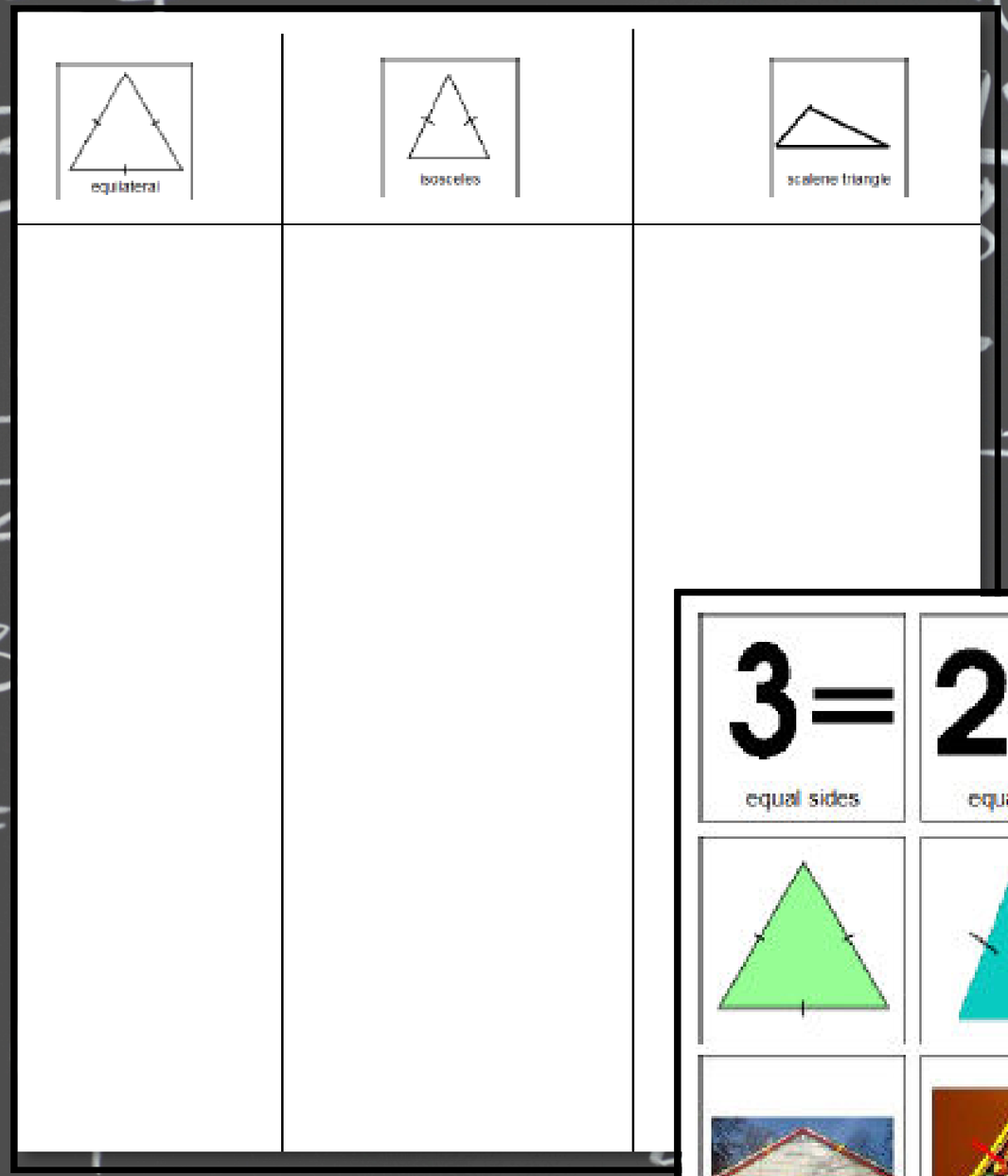


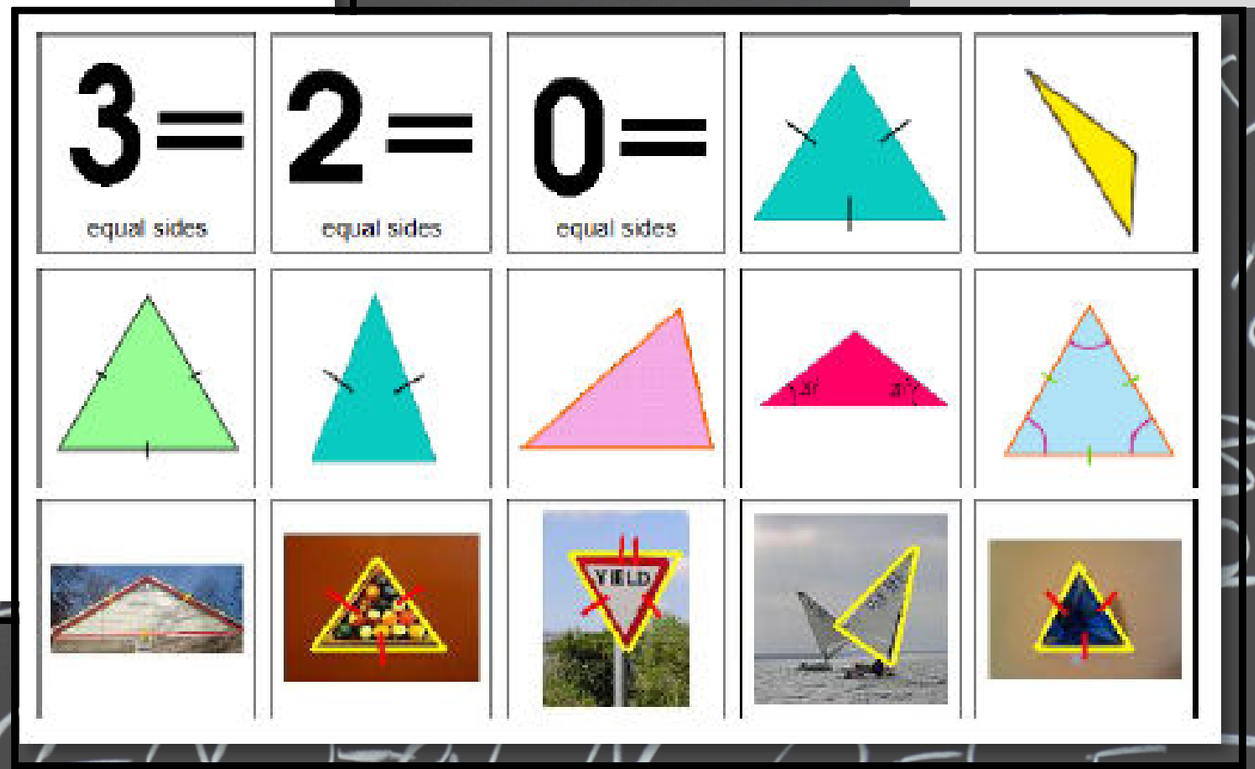
Some units comes with a circle map to visually review the main facts from the book. These come with an errorless option and an option with wrong answers mixed in.

J2T

Sorting

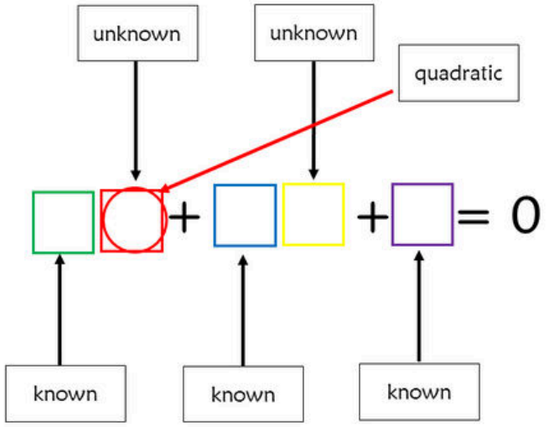
Some units have sorting activities. There are suggestions for how to differentiate these quickly included.





Lots of practice activities; differentiated

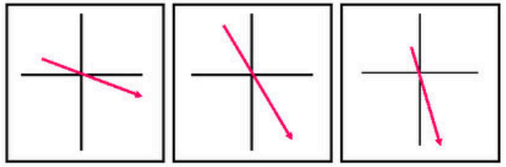
Label the parts of the quadratic equation.

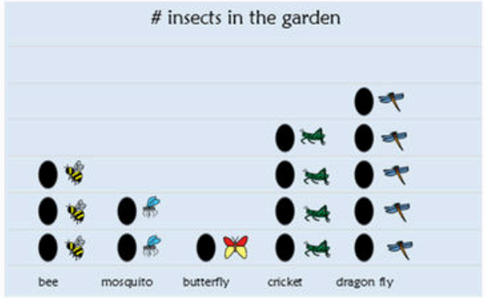


a
b
c
x^2
x

Cut out the three graphs below and place them in the order from *greatest to least* slope or rate of change.

1 2 3





Record the totals

bee	
mosquito	
butterfly	
cricket	
dragon fly	

Answer the questions

Counts number of what?	
Most popular	
Least popular	
Total number counted	

1	2	butterfly	15	3
5	dragon fly	4	insects	

Dog walking

You walk dogs to make some extra money. You charge $5 for every dog you walk. Use this information to fill out the function table and other information below.

Input value (X) = ☐

Output value (Y) = ☐

Function Rule: ☐ will get you ☐

X Y

Input (X)	Output (Y)
🐶	$5
🐶🐶	
🐶🐶🐶	
	$5 $5 $5 $5

J2T

Box plots

1. A box plot is a ☐ of the data set.

2. The whiskers show how ☐ out the data is.

3. There are ☐ things you can learn from a box plot.

4. The median is the ☐ number.

5. The whisker starts at the ☐

Box Plots

6. The whiskers end at the ☐ .

7. There are ☐ quartiles.

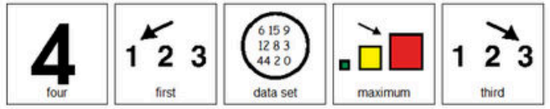
8. The box starts at the ☐ quartile.

9. The box ends at the ☐ quartile.

10. A box plot displays the ☐ .

Box plots (page 1)

Box Plots (page 2)



Review sheets

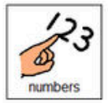
Most units include fill-in-the-blank worksheets to review concepts covered in the book and unit.

J2T

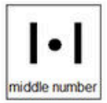
Assessment

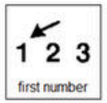
Version 1

1. The mean, median and mode all help to determine the:

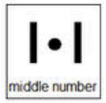


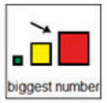
2. The median is the:



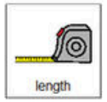


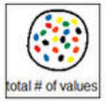
3. The mode is the:



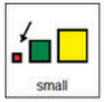


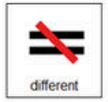
4. You find the mean by adding all the numbers and dividing by what:

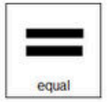




5. When you have a graph with a normal distribution, the mean, median, and mode are all what?







Version 3

1. The mean, median and mode all help to determine the:
   A. future
   B. central tendency
   C. numbers
2. The median is the:
   A. middle number
   B. first number
   C. last number
3. The mode is the:
   A. middle number
   B. most common number
   C. biggest number
4. You find the mean by adding all the numbers and dividing by what:
   A. weight
   B. length
   C. total # of values
5. When you have a graph with a normal distribution, the mean, median, and mode are all what?
   A. small
   B. different
   C. equal
6. A graph with a normal distribution is shaped like a:
   A. surfboard
   B. bowl
   C. bell

Finally, each unit has an assessment that is available in 3 versions. These are given 1:1 and read aloud to the student. It also includes a traditional multiple-choice version included.

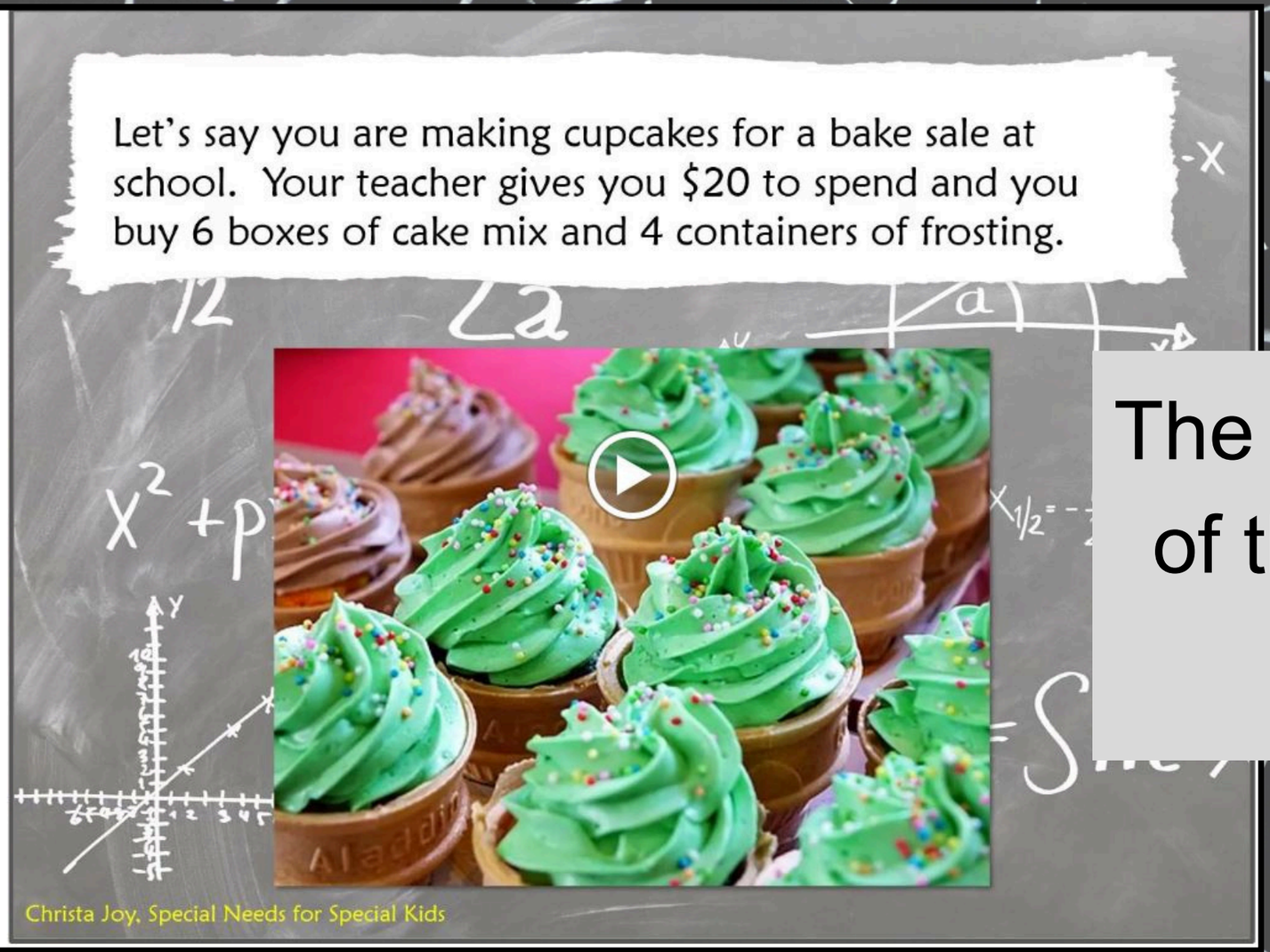
J2T

- Almost all of these units include digital versions of the activities. These simply require the student to click and drag the answers. There is no drawing or typing involved.

- There are 2 complete sets of slides. One set is differentiated using color.

Make great independent learning centers.

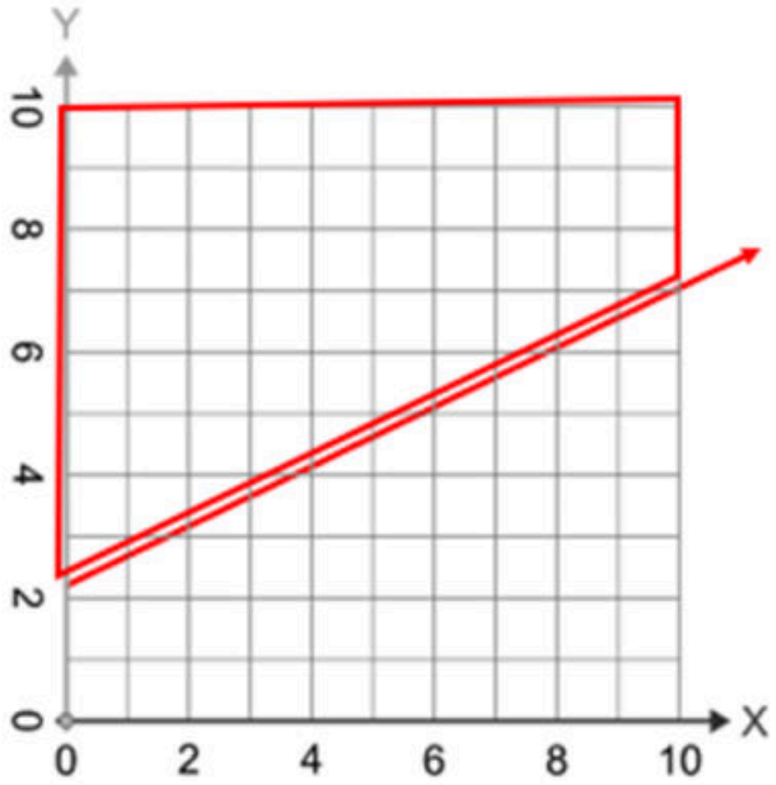
Watch the movie on Systems of Equations



The movie version of the book from the unit.

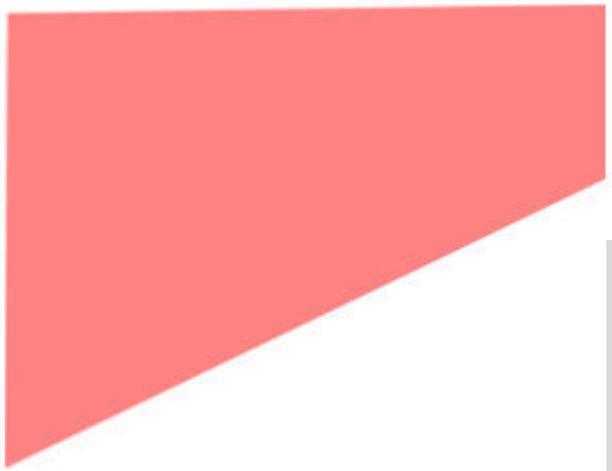
Use for more review.

Y ☐ ½ X +2



1. Add the shaded part to the graph showing possible values for the variable.
2. Add the correct sign in the box.

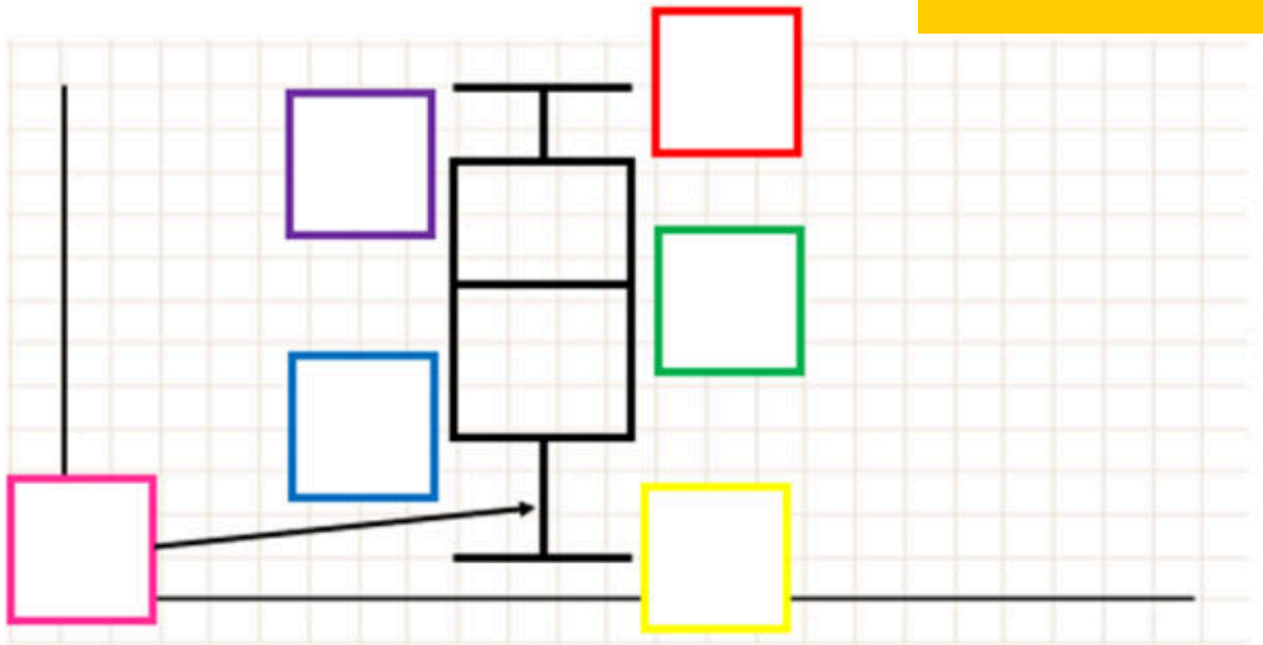
>	<	≥	≤	=



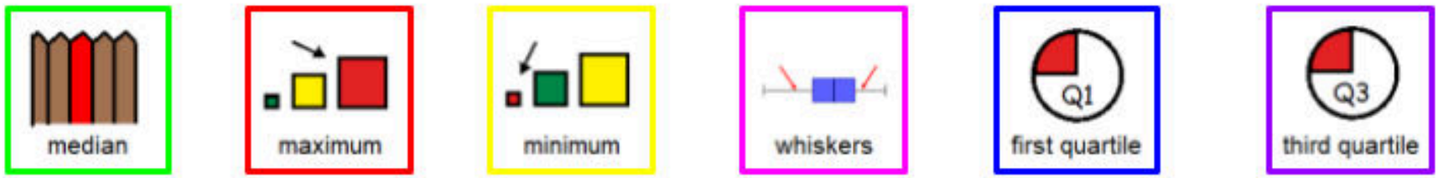
The digital activities are click and drag.

J2T

Perfect for any learning level.



Label the parts of a box plot.



Each unit comes with a set of slides that are differentiated with color.

J2T

Still have questions?

Reach out at specialneedsforspecialkids@gmail.com

I will answer your question personally and promptly.