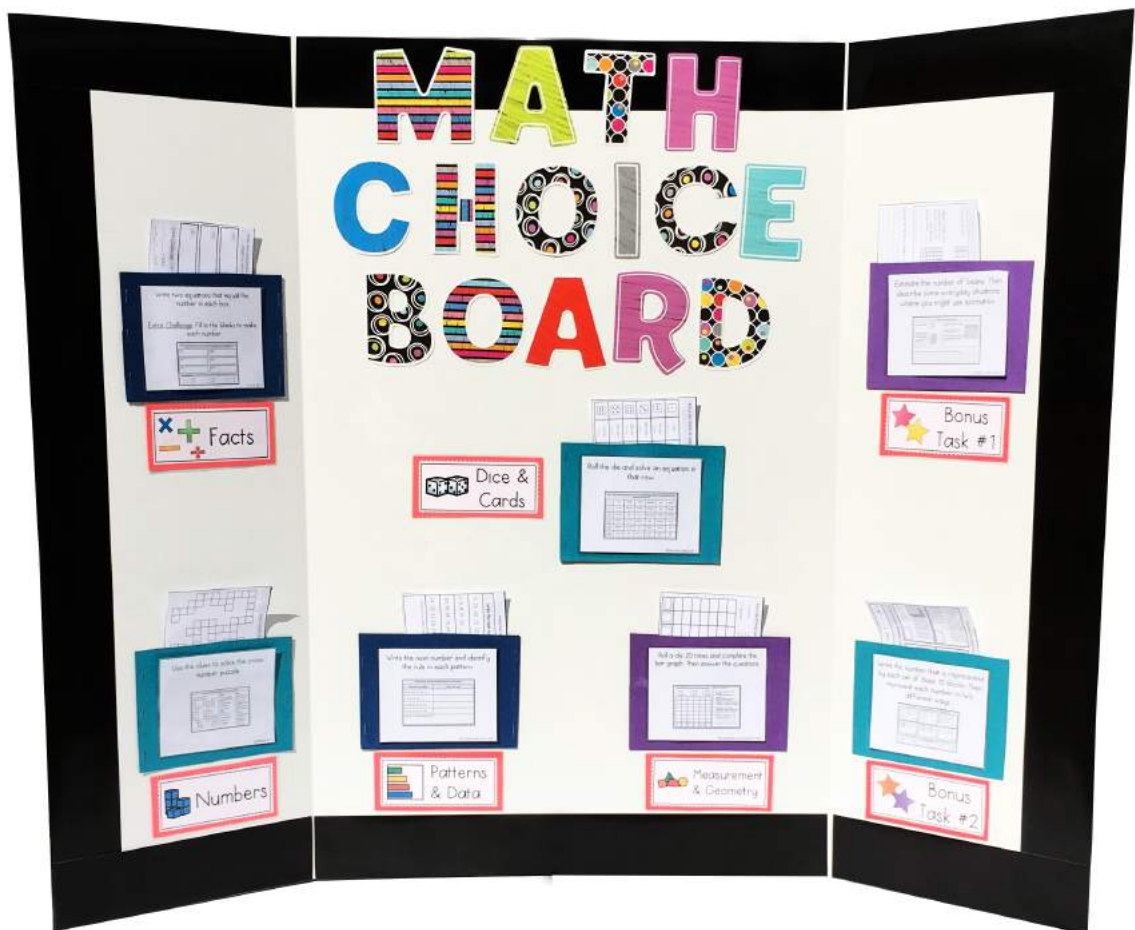# FREE SAMPLE

The Math Choice Board

Created by Shelley Gray

Important! Please read.

Thank you for downloading this free sample of The Math Choice Board. I hope that this will give you a good idea of the types of activities you can expect to find within the larger Math Choice Board resource.

Within this one file, I have included TWO important items.
- The Getting Started Guide
- one set of activities for your Math Choice Board

The Getting Started Guide can be found on **pages 3 - 15**. This includes instructions for setting up your board, as well as the printables that you need in order to do so.

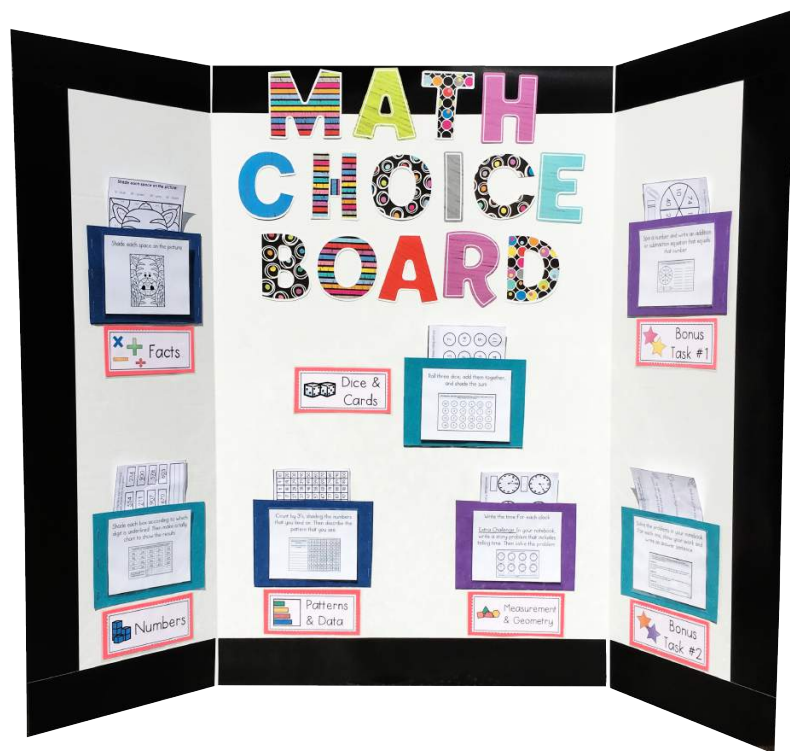The set of activities can be found on **pages 16 - 37**.

I can't wait to hear about your successes with The Math Choice Board!

Now, dig in!! ☺

The

Math Choice Board

{Getting Started Guide}

Created by Shelley Gray

Looking for more unique, engaging resources for your classroom?
Find me on TpT here:

https://www.teacherspayteachers.com/Store/Shelley-Gray

Connect with me on Facebook and join our amazing little community:

https://www.facebook.com/teachingresourcesbyshelleygray

Let's connect on Pinterest! Follow me here:

https://www.pinterest.com/shelleygray/

Visit my blog, Shelley Gray Teaching, for more great classroom ideas!

www.ShelleyGrayTeaching.com

The Math Choice Board: Overview

Altogether, there are seven sections on The Math Choice Board:

Facts, Numbers, Dice & Cards, Patterns & Data, Measurement & Geometry, and two Bonus Tasks.

Each section contains a folder. This is where you will be placing the **activity sheet**. Most of the time, this will be a half-page activity sheet that students paste into their notebooks. Other times, this will be a laminated half-page sheet that students use and then place back in the pocket for the next person to use.
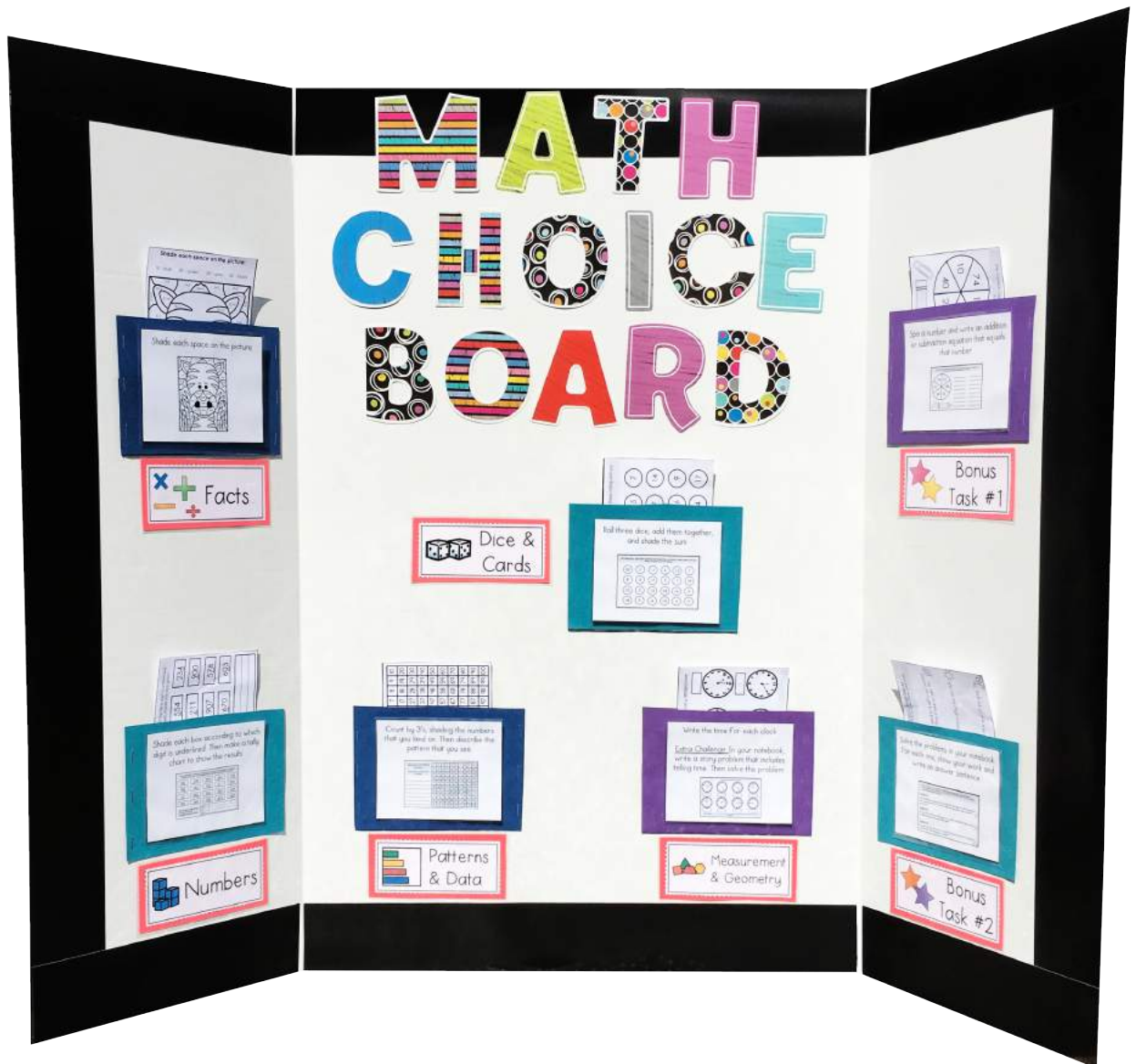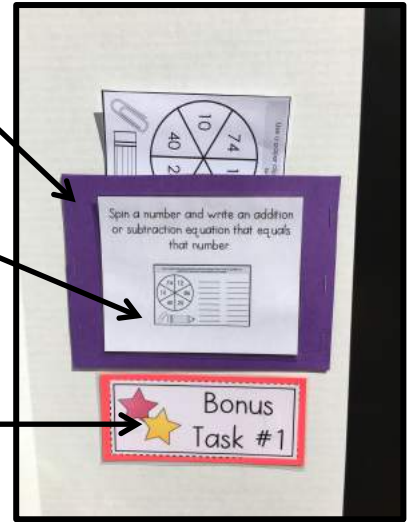
# The Math Choice Board: Overview
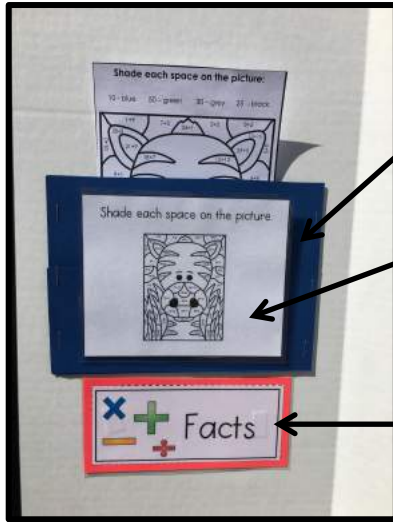
Each task is placed in the folder.

A folder label is fastened to the outside of the folder to show the task.

The section label is fastened to the board near each folder.

The section labels (Facts, Numbers, Dice & Cards, etc.) remain the same all year long. However, the tasks for each section will change regularly. You will be changing the folder labels each time you change the activities on the board. This shows the student what the task is without taking the paper out of the folder.

It is important to note that the Math Choice Board is so versatile that you can set it up however you wish. The pictures below are pictures that teachers have submitted of my Early Finisher Board. I've decided to include these pictures in this resource because these two resources can be set up in the same way, and even mixed and matched. Teachers use bulletin boards, sides of cabinets, binders, or even a folder system to set up their boards. Make it work for you! Here are some amazing examples submitted by real teachers like you!
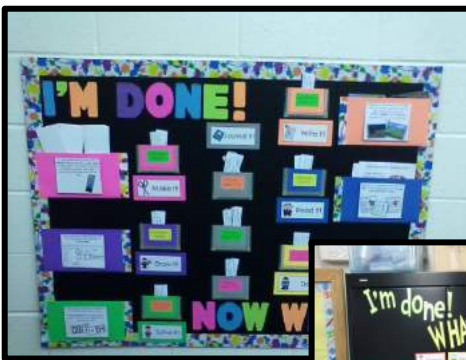
Materials List

To set up your Math Choice Board, you will require the following supplies:

- a tri-fold board (the type used for Science Fair projects). Alternatively, if you have extra bulletin board space, you may choose to set this up on a bulletin board inside your classroom.
- letter-sized file folders (colored folders work best)
- stencil letters for the title of the board
- double-sided tape
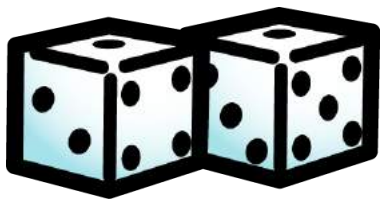- Velcro dots
- a notebook for each student

Section Titles

Print, laminate and cut out these labels. These labels will remain on your board all year long.
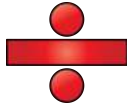
Facts
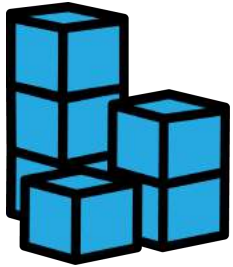
Numbers

Dice & Cards
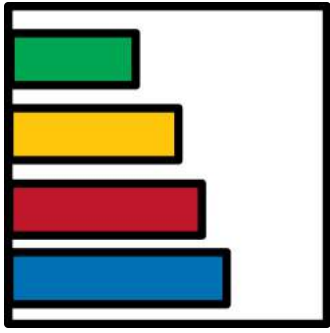
Patterns & Data
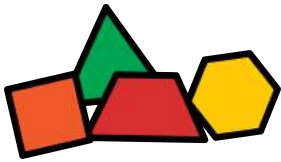
Measurement & Geometry

Bonus Task #1

Bonus Task #2

Folder Set-Up

Each section of the board (Facts, Numbers, etc.) will require a folder (see page 4 for more details). Later on, you will be placing the activity sheets inside the folders.

Folder Preparation:

Step 1: To prepare the folders, use seven letter-sized file folders. Colored folders work best. Use patterned folders for an extra pop of color on your board.

Step 2: Trim the length and width of the folder depending on the size of your board. Ensure that a half page of paper can fit in each folder. Staple along the sides of the folder so that the only opening is on the top.

As an alternative to folders, you can also use pieces of folded and stapled cardstock to create the folders.

Putting It All Together

Now that you have prepared the folders, follow the instructions below to assemble your Math Choice Board.

The instructions below are for those people using a free-standing tri-fold board. These instructions may need to be modified if you are using a bulletin board, cabinet or folders instead.

Step 1:
Laminate the labels. Before laminating, you may wish to attach the labels to colored cardstock as shown in the photograph.
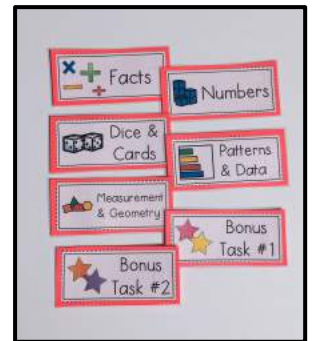
Step 2:
Place everything on the board first without attaching. Once you have everything fitting nicely, continue with the instructions below.

Step 3:
Fasten the title, border, labels, and folders to the board using double-sided tape. The picture below may help you with the layout.
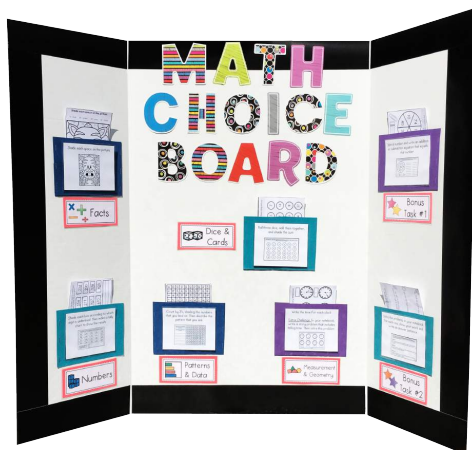
Step 4: Attach Velcro dots to the outside of each of the pockets. This will allow you to switch the tasks regularly. In order to attach the dots, you will want to have the folder labels from one of the Math Choice Board sets prepared. Below is one effective method of attaching the dots.

- Stick the "fuzzy" side of the Velcro dot onto the folder label as shown in the adjacent photo.
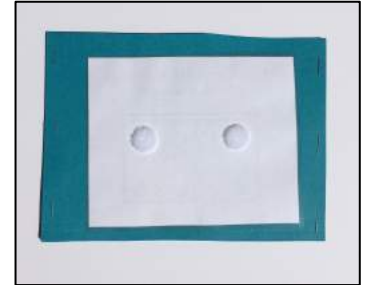
- Place the rough side of the Velcro on top, so that the sticky side is up.
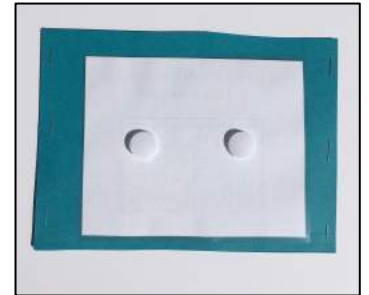
- Stick the folder label onto the folder. The "rough" pieces will stick to the folder and will match perfectly to the "fuzzy" side of the Velcro. Remove the folder label, and you will now have Velcro dots on both the folder and the folder label.
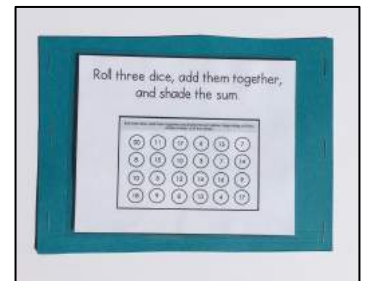
- Repeat this process for each of the colored folders on the board.

.
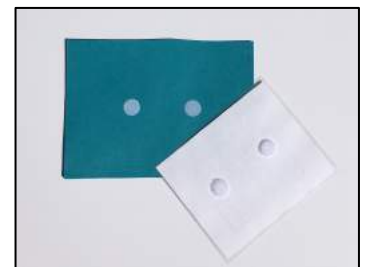
The Tasks

The tasks for The Math Choice Board have all been set up as half-page activities. MOST of these activities will be pasted into student notebooks and completed right on the page.
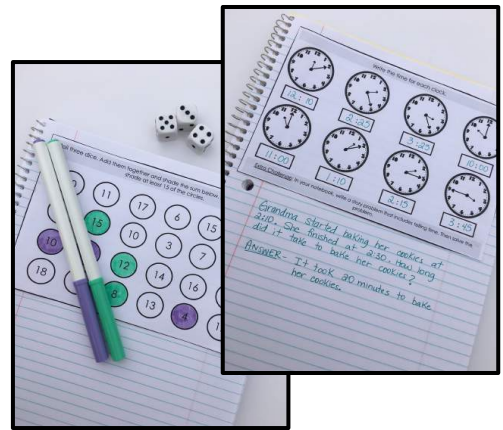
However, there are some activities that students will be completing in their notebook, rather than right on the activity page. To save paper, you will not need to print a copy of these activities for all students. Instead you will print about three copies of the activity, laminate them, and place them in the folder. Students will use the laminated sheet to complete the activity in their notebooks, and then place the laminated sheet back in the folder when finished.
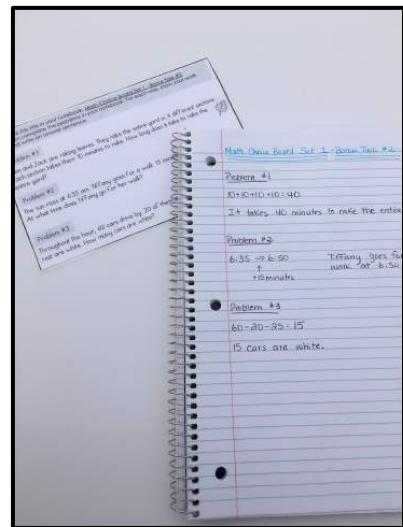
As you navigate through the sets of activities, you will be notified in the "preparation" area whether you need to make a copy of the activity for each student, or whether you need to laminate the activity for all students to use.

For the laminated activities I recommend making three copies. This will ensure that several students in your classroom can complete the activity at the same time.

Student Notebook Organization

Most teachers prefer to have some sort of notebook for students to organize their activities. I have heard from some who use full sized notebooks, and others who cut composition books in half for each of their students.

No matter which method you use, your students will need room to paste a half-size sheet into the notebook, as well as complete some other written tasks beneath the sheet.
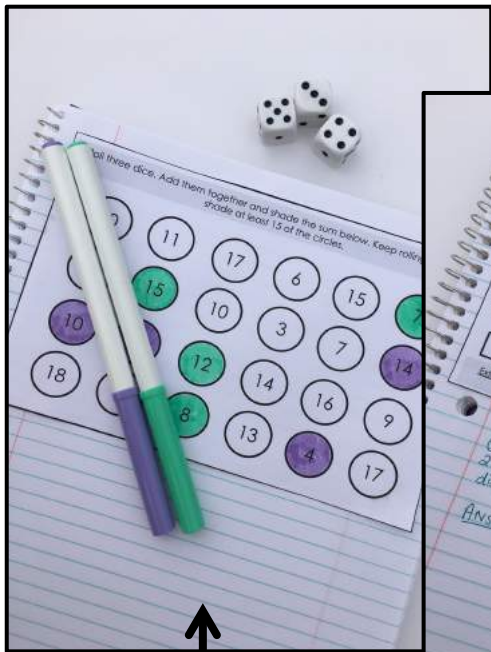
For some activities, the student will simply complete the task and paste the activity sheet into his notebook.
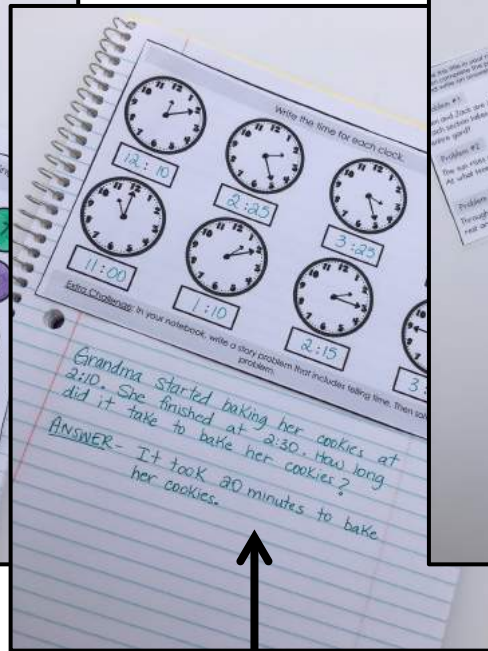
For other activities, the student will complete the task, paste the activity sheet into his notebook, and then complete an extra task beneath the sheet.
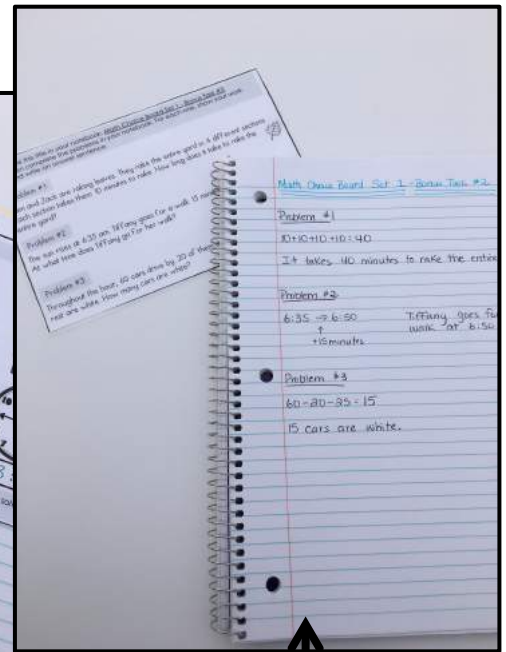
And then there are some activities that you will laminate. The student will use the laminated sheet to complete an activity in his notebook and then return the laminated sheet to the folder.

Congratulations!

You are finished assembling The Math Choice Board!

Now to begin using it...

- Begin with Math Choice Board Set 1. This will last your students 1-2 weeks, depending on how your students will use the board and how often.
- Prepare the tasks, and you are ready to go!
- After 1-2 weeks, switch the tasks to Math Choice Board Set 2 and students will have brand new tasks to complete!

Remember to store all of your laminated pieces in some sort of container or re-sealable bag. Label it with the Set # so that it is ready to go for next year!

Consider asking a parent volunteer to take care of preparing and switching the tasks. Even a responsible student or two might be a big help. Remember that the first year will take the most time. If you laminate your materials and keep them in good shape, year #2 and beyond will be a breeze!

Enjoy!

Shelley

MATH CHOICE BOARD

{Set of Activities}
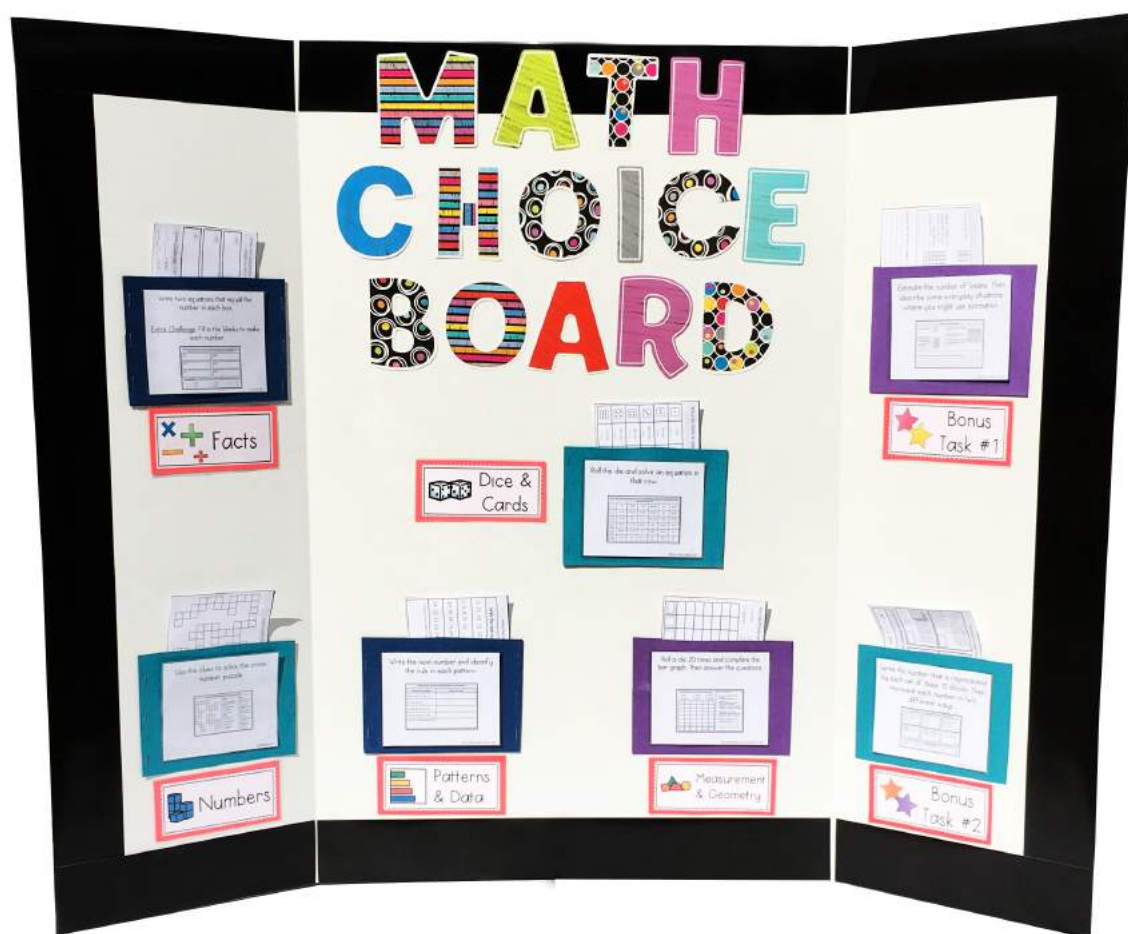
Created by Shelley Gray

Before you begin...

I'm so happy that you've decided to implement The Math Choice Board in your classroom!

Several years ago, I created The Early Finisher Board – a solution for the fast finishers in your classroom. Over the years, thousands of people have successfully used that resource to motivate and engage their students. However, I have literally received hundreds of requests for something similar that focuses on Math only.

This is where The Math Choice Board comes in! The Math Choice Board is similar to The Early Finisher Board in that it allows students to choose which activities they do, and when they do them. This board consists of six sections. You will be switching out the activities in each section weekly or bi-weekly, depending on how often your students use this board. Please read more about this in the Getting Started Guide.

The greatest aspect of this resource is its versatility. To create your Math Choice Board, you can use a tri-fold board, bulletin board, the side of a cabinet, or even folders/binders. You may choose to use your Math Choice Board as part of your Math Centers rotation, as Morning Work or to engage your fast finishers. To read other information and see options for your own board, please see the link below:

http://shelleygrayteaching.com/the-math-choice-board

Before you begin using the resources in this file, you must have your Math Choice Board set up. The set-up information and resources can be found in the "*Getting Started Guide*." To find the Getting Started Guide, simply look inside the folder where you found this file.

Printing & Preparation

Printing

To save paper and ink, please only print the pages that you need from this package, and read the rest of the instructions on your computer screen. To make this job easier for you, the pages that you will need to print are listed below:

- Pages 5-8, 10, 12, 14, 16, 18, 20, 21

Preparation Instructions

The cover page for each section describes the task and outlines the preparation needed for this set. Use the table of contents below to find the cover page for each section:

Add. If the sum is even, shade the planet red. If the sum is odd, shade the planet yellow.

Add. If the sum is even, shade the planet red. If the sum is odd, shade the planet yellow.
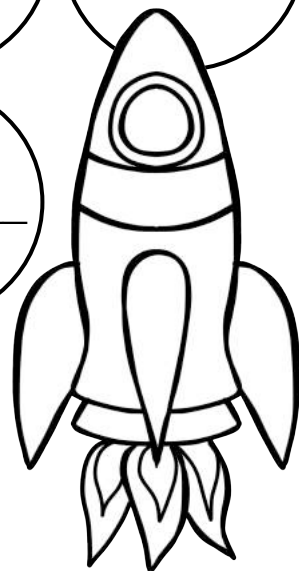
$16+7=$___ $20+10=$___ $12+12=$___ $30+4=$___

$9+8=$___ $41+9=$___ $21+11=$___ $10+13=$___

$40+5=$___ $6+5=$___ $10+7=$___ $16+6=$___

FACTS SET 1

"Facts" Label Set 1
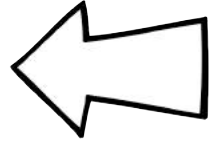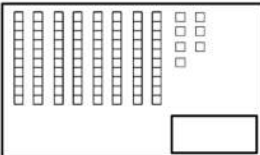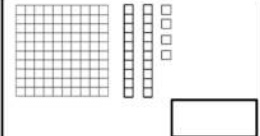
Fill in the blanks and then write the numbers.

Fill in the blanks.

Number	Hundreds	Tens	Ones
352			
	2	8	5
	1	3	4
208			
137			
	7	6	1
450			

What number is represented by the base 10 blocks?

NUMBERS SET 1

"Numbers" Label Set 1
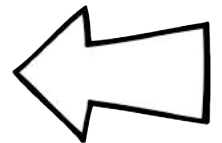
Roll two dice and add them up. Then use that number to write a doubles equation.

Roll two dice. Add them up and write a doubles equation.				
Dice Roll #1	Dice Roll #2	Sum of the Dice Rolls	Doubles Equation	Solve the doubles equations:
4	6	10	10+10=20	5+5=___
				10+10=___
				7+7=___
				3+3=___
				9+9=___
				12+12=___
				2+2=___
				6+6=___
				11+11=___
				8+8=___
				4+4=___

DICE AND CARDS SET 1
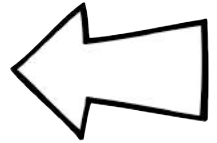
Use the picture graph to answer the questions.

Use the picture graph to answer the questions.

Favorite Snack Food of 2nd Grade Students

cherries	🍒🍒🍒🍒🍒
pretzels	🥨🥨
crackers	🍪🍪🍪🍪
muffin	🧁🧁🧁🧁
apple	🍎🍎

How many people prefer crackers? ____

How many people prefer muffins? ____

How many more people prefer muffins than pretzels? ____

How many people prefer cherries and crackers? ____

How many people prefer apples, cherries, and muffins? ____

In all, how many people were surveyed to make this picture graph? ____

PATTERNS AND DATA SET 1

Cut out the shape names and paste them beside each shape.

Cut out the shape names and paste them beside each shape.

			rhombus
oval	trapezoid	triangle	pentagon
			trapezoid
			triangle
rhombus	hexagon	pentagon	oval
			hexagon
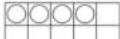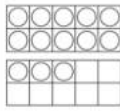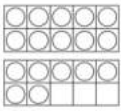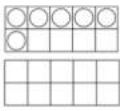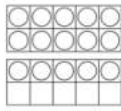
Use the ten frames to make 10 and 20.

Use the ten frames to make 10 and 20.

$4+\_\_=10$ $7+\_\_=10$ $3+\_\_=10$ $5+\_\_=10$

$2+\_\_=10$ $8+\_\_=10$ $6+\_\_=10$ $9+\_\_=10$

$13+\_\_=20$ $17+\_\_=20$ $6+\_\_=20$ $15+\_\_=20$

Write two addition equations for each array.

Write two addition equations for each array.

Draw an array to represent these equations:

3+3+3+3+3=15
5+5+5=15

BONUS TASK #2 SET 1

Facts

This activity should be placed in the "Facts" section of your Math Choice board. The "Facts" activity for this set is:

Add. If the sum is even, shade the planet red. If the sum is odd, shade the planet yellow.

A sample of the activity:

Add. If the sum is even, shade the planet red. If the sum is odd, shade the planet yellow.

16+7=___ 20+10=___ 12+12=___ 30+4=___

9+8=___ 41+9=___ 21+11=___ 10+13=___

40+5=___ 6+5=___ 10+7=___ 16+6=___

Preparation for this folder:
• Print enough copies of the activity for each student in your classroom. Place in the "Facts" folder.

Add. If the sum is even, shade the planet red. If the sum is odd, shade the planet yellow.

16+7=___   20+10=___   12+12=___   30+4=___

9+8=___   4 1+9=___   2 1+11=___   10+13=___

40+5=___   6+5=___   10+7=___   16+6=___

Add. If the sum is even, shade the planet red. If the sum is odd, shade the planet yellow.

16+7=___   20+10=___   12+12=___   30+4=___

9+8=___   4 1+9=___   2 1+11=___   10+13=___

40+5=___   6+5=___   10+7=___   16+6=___
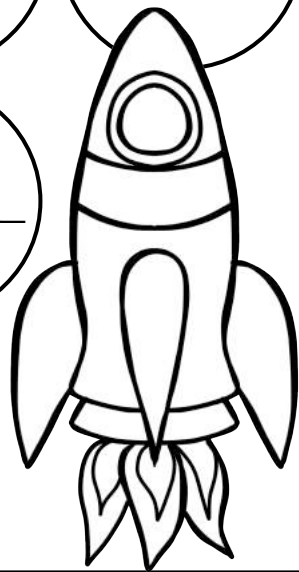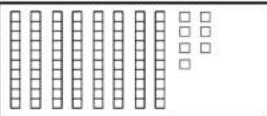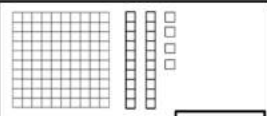
Numbers

This activity should be placed in the "Numbers" section of your Math Choice board. The "Numbers" activity for this set is:

Fill in the blanks and then write the numbers.

A sample of the activity:

Fill in the blanks.			
Number	Hundreds	Tens	Ones
352			
	2	8	5
	1	3	4
208			
137			
	7	6	1
450			

What number is represented by the base 10 blocks?

Preparation for this folder:
- Print enough copies of the activity for each student in your classroom. Place in the "Numbers" folder.

Fill in the blanks.

Number	Hundreds	Tens	Ones
352			
	2	8	5
	1	3	4
208			
137			
	7	6	1
450			

What number is represented by the base 10 blocks?
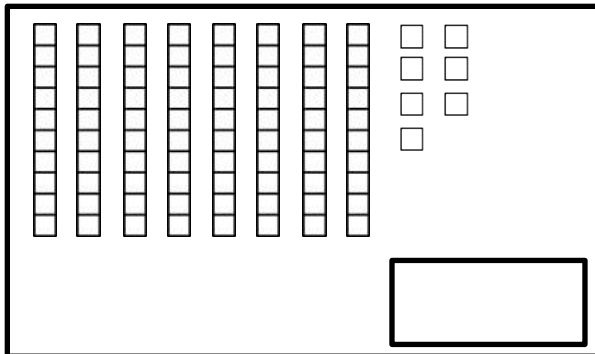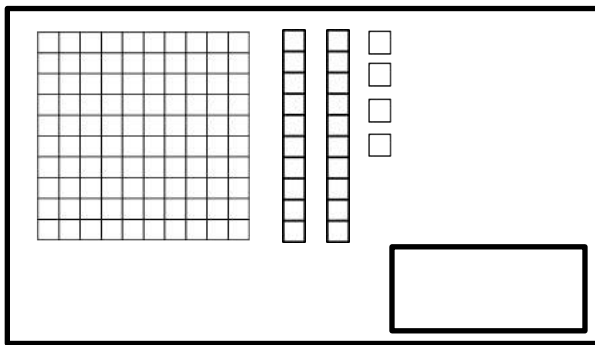
Fill in the blanks.

Number	Hundreds	Tens	Ones
352			
	2	8	5
	1	3	4
208			
137			
	7	6	1
450			

What number is represented by the base 10 blocks?
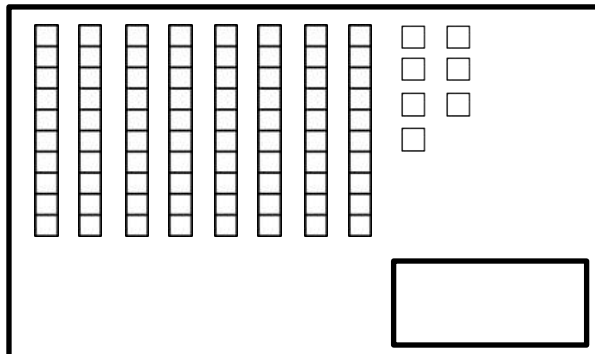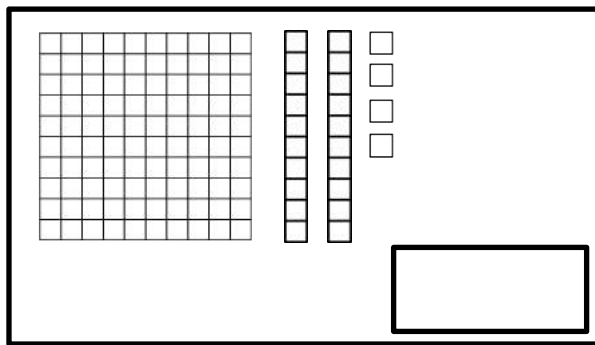
Dice and Cards

This activity should be placed in the "Dice and Cards" section of your Math Choice board. The "Dice and Cards" activity for this set is:

Roll two dice and add them up. Then use that number to write a doubles equation.

A sample of the activity:

Roll two dice. Add them up and write a doubles equation.				Solve the doubles equations:
Dice Roll #1	Dice Roll #2	Sum of the Dice Rolls	Doubles Equation	5+5=___
4	6	10	10+10=20	10+10=___
				7+7=___
				3+3=___
				9+9=___
				12+12=___
				2+2=___
				6+6=___
				11+11=___
				8+8=___
				4+4=___

Preparation for this folder:
• Print enough copies of the activity for each student in your classroom. Place in the "Dice and Cards" folder.

Dice and Cards {Set 1}

Roll two dice. Add them up and write a doubles equation.

Dice Roll #1	Dice Roll #2	Sum of the Dice Rolls	Doubles Equation	Solve the doubles equations:
4	6	10	10+10=20	5+5=___
				10+10=___
				7+7=___
				3+3=___
				9+9=___
				12+12=___
				2+2=___
				6+6=___
				11+11=___
				8+8=___
				4+4=___

Roll two dice. Add them up and write a doubles equation.

Dice Roll #1	Dice Roll #2	Sum of the Dice Rolls	Doubles Equation	Solve the doubles equations:
4	6	10	10+10=20	5+5=___
				10+10=___
				7+7=___
				3+3=___
				9+9=___
				12+12=___
				2+2=___
				6+6=___
				11+11=___
				8+8=___
				4+4=___

Patterns and Data

This activity should be placed in the "Patterns and Data" section of your Math Choice board. The "Patterns and Data" activity for this set is:

> Use the picture graph to answer the questions.

A sample of the activity:
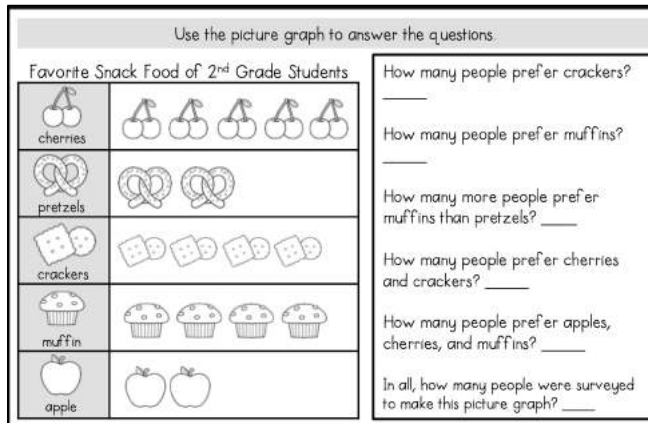
Preparation for this folder:
- Print enough copies of the activity for each student in your classroom. Place in the "Patterns and Data" folder.

Patterns and Data {Set 1}

Favorite Snack Foods of 2nd Grade Students

cherries	🍒 🍒 🍒 🍒 🍒
pretzels	🥨 🥨
crackers	🍪 🍪 🍪 🍪 🍪
muffin	🧁 🧁 🧁 🧁
apple	🍎 🍎
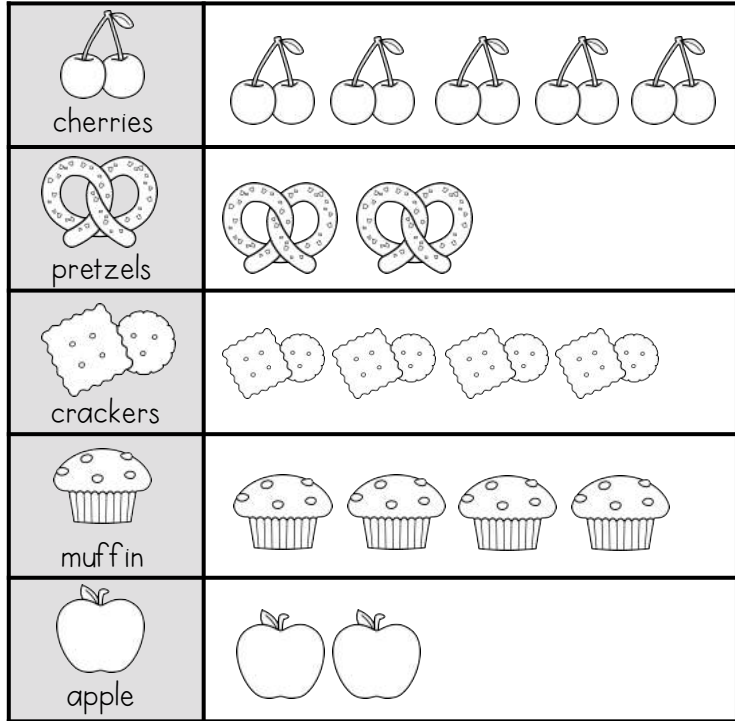
How many people prefer crackers? _____

How many people prefer muffins? _____

How many more people prefer muffins than pretzels? _____

How many people prefer cherries and crackers? _____

How many people prefer apples, cherries, and muffins? _____

In all, how many people were surveyed to make this picture graph? _____

Use the picture graph to answer the questions.
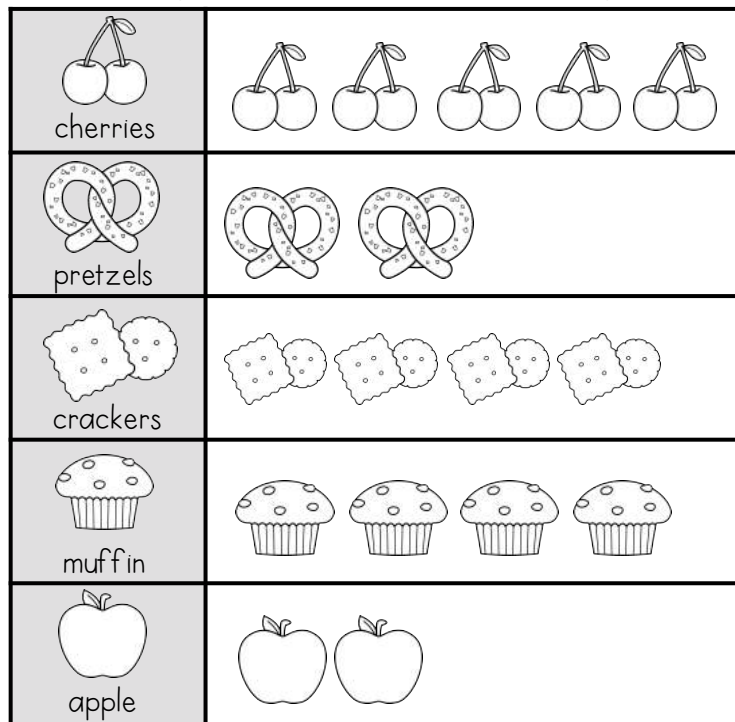
Favorite Snack Foods of 2nd Grade Students

cherries	🍒 🍒 🍒 🍒 🍒
pretzels	🥨 🥨
crackers	🍪 🍪 🍪 🍪
muffin	🧁 🧁 🧁 🧁
apple	🍎 🍎

How many people prefer crackers? _____

How many people prefer muffins? _____

How many more people prefer muffins than pretzels? _____

How many people prefer cherries and crackers? _____

How many people prefer apples, cherries, and muffins? _____

In all, how many people were surveyed to make this picture graph? _____

Measurement and Geometry

This activity should be placed in the "Measurement and Geometry" section of your Math Choice board. The "Measurement and Geometry" activity for this set is:

Cut the shape names and paste them beside each shape.

A sample of the activity:

Preparation for this folder:
- Print enough copies of the activity for each student in your classroom. Place in the "Measurement and Geometry" folder.

Cut out the shape names and paste them beside each shape.
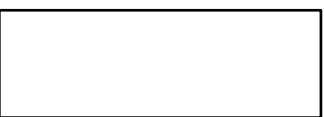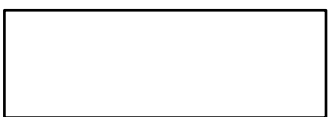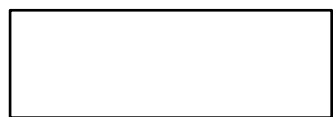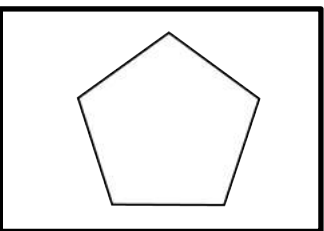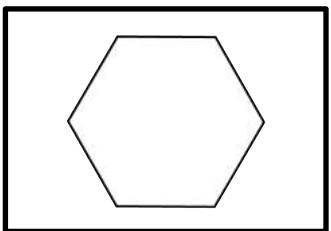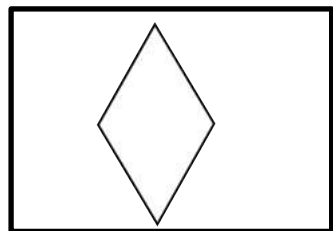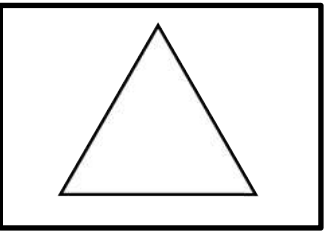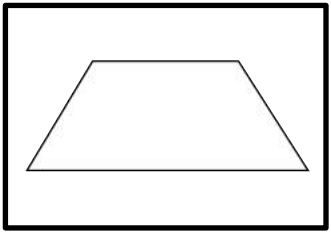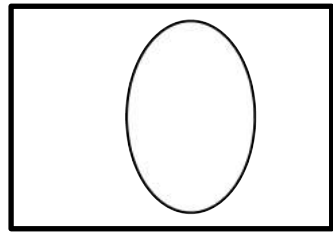
rhombus

pentagon

trapezoid

triangle

oval

hexagon

Cut out the shape names and paste them beside each shape.
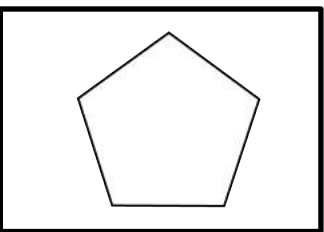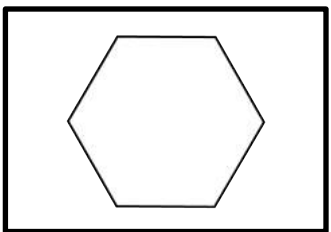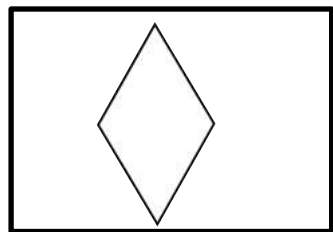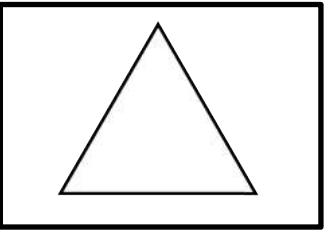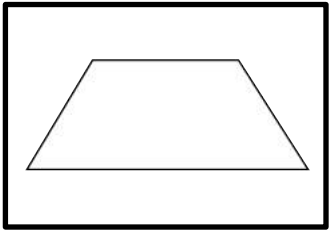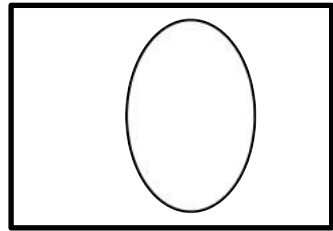
rhombus

pentagon

trapezoid

triangle

oval

hexagon

Bonus Tasks

The following pages include two bonus tasks for Set 1. Each task should be placed in a separate pocket in the "Bonus Tasks" section.

The Bonus Tasks for Set 1 are:

- Use the ten frames to make 10 and 20.

- Write two addition equations for each array.

Use the ten frames to make 10 and 20.

4+___=10	7+___=10	3+___=10	5+___=10
2+___=10	8+___=10	6+___=10	9+___=10
13+___=20	17+___=20	6+___=20	15+___=20

Write two addition equations for each array.

Draw an array to represent these equations:

3+3+3+3+3=15
5+5+5=15

Preparation:
- For Bonus Task #1: Print enough copies of the activities for each student in your classroom. Place in the Bonus Task #1 folder.
- For Bonus Task #2: Print enough copies of the activities for each student in your classroom. Place in the Bonus Task #2 folder.

Use the ten frames to make 10 and 20.

4+___=10

7+___=10

3+___=10

5+___=10

2+___=10

8+___=10

6+___=10

9+___=10
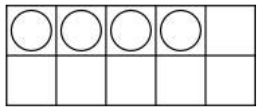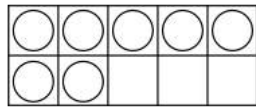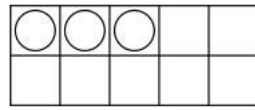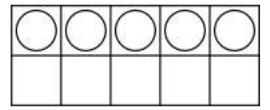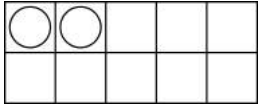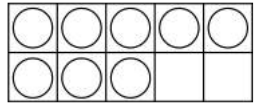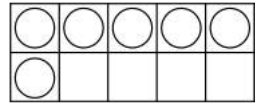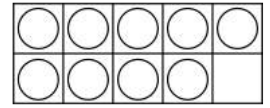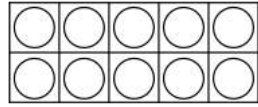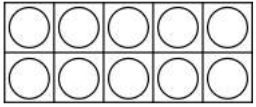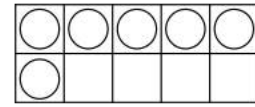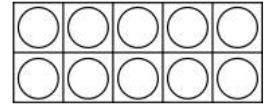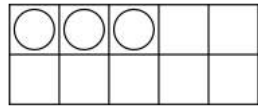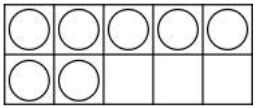
13+___=20

17+___=20

6+___=20

15+___=20

Use the ten frames to make 10 and 20.
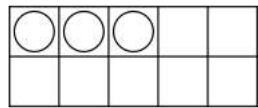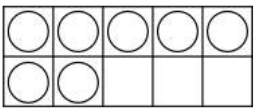
4+___=10

7+___=10

3+___=10

5+___=10

2+___=10

8+___=10

6+___=10
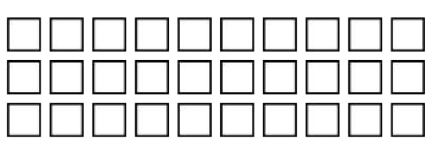
9+___=10

13+___=20

17+___=20

6+___=20

15+___=20

Write two addition equations for each array.

___ + ___ + ___ = ___

___ + ___ + ___ + ___ + ___ + ___ = ___

___ + ___ + ___ = ___

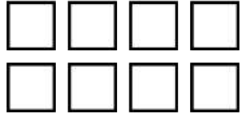___ + ___ + ___ + ___ + ___ + ___ + ___ = ___

___ + ___ = ___

___ + ___ + ___ + ___ = ___

___ + ___ + ___ = ___

___ + ___ + ___ + ___ = ___
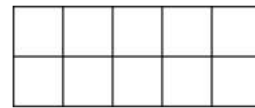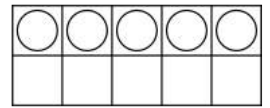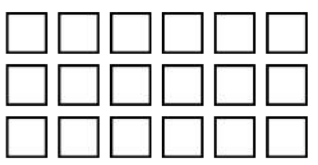
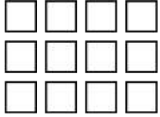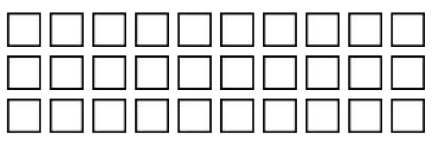Draw an array to represent these equations:

3+3+3+3+3=15
5+5+5=15

Write two addition equations for each array.

___ + ___ + ___ = ___

___ + ___ + ___ + ___ + ___ + ___ = ___

___ + ___ + ___ = ___

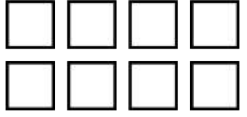___ + ___ + ___ + ___ + ___ + ___ + ___ = ___

___ + ___ = ___

___ + ___ + ___ + ___ = ___

___ + ___ + ___ = ___

___ + ___ + ___ + ___ = ___
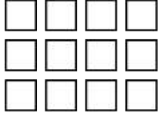
Draw an array to represent these equations:

3+3+3+3+3=15
5+5+5=15

Thank-you!

Thank-you for your purchase! I'd love to connect with you!

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Have a wonderful day!

Shelley