

SMALL GROUP & INTERVENTION MATH KIT

ACTIVITIES, ASSESSMENTS, ORGANIZATION, & MORE



700+ PAGES

**KEEP SCROLLING TO TAKE A
LOOK INSIDE THIS RESOURCE!**

Why?

SMALL GROUP & INTERVENTION MATH KIT

This math kit provides you with everything you need for effective math small groups & interventions!

The materials allow you to assess students, create plans, and get organized. The activities allow you to teach small groups effortlessly, effectively, and in engaging ways!

Need to figure out where your students are really at?

The various assessments and data trackers support evidence-based student learning!

1

Tired of feeling unorganized & overwhelmed?

The planning sheets, organization pages, and binder supplies will help you plan groups easily!

3

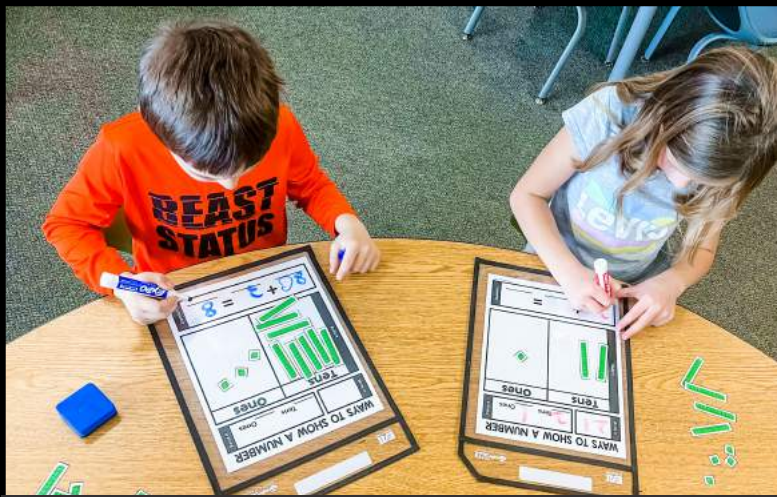
2

Want activities for skill-based small groups?

There are activities included for addition & subtraction, place value, money, time, measurement, geometry, graphing, and more!



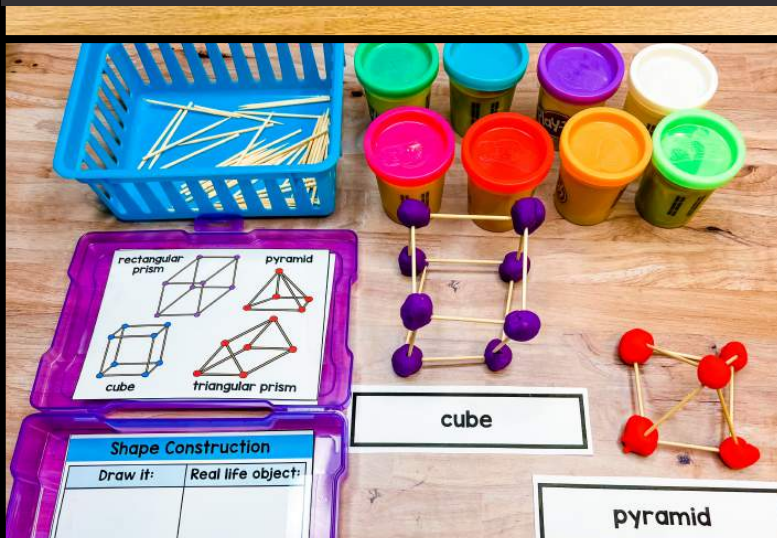
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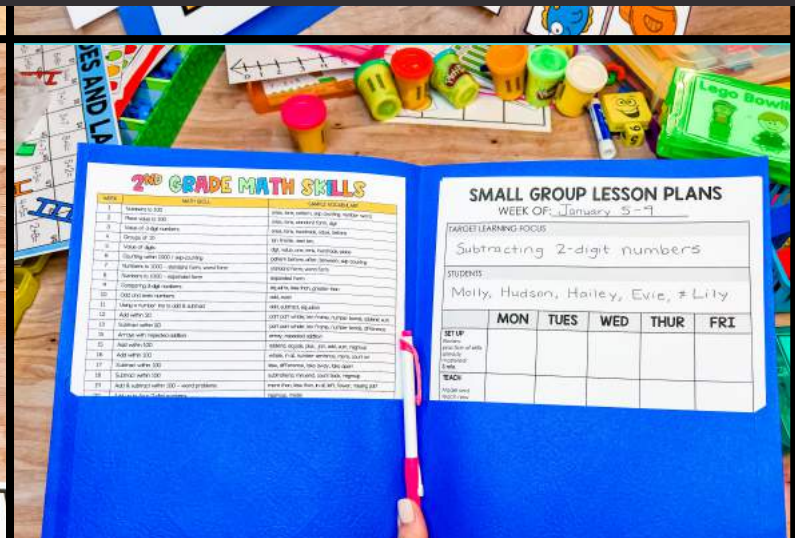
Small group instruction



Math interventions



Skill groups



Math groups



Guided math



Math rotations



LESSON PLANNING

SMALL GROUP SCHEDULE

WEEK OF: _____

Monday Tuesday Wednesday Thursday Friday

Organization
pages

SMALL GROUP PLANNED

WEEK OF: _____

SMALL GROUP PLANNER

WEEK OF: _____

SMALL GROUP PLANNER

SKILL: _____

SKILL: _____

SKILL: _____

SKILL: _____

SMALL GROUP LESSON

WEEK OF: _____

TARGET LEARNING FOCUS

STUDENTS

SET UP

Review practice of skills already mastered. 2 min.

TEACH

Model and teach new concept. 3 min.

ENGAGE

Teacher-led practice. 3 min.

PRACTICE

Extended practice of new skill. 15-20 min.

SHOW YOU KNOW

Quick check of skill mastery.

SMALL GROUP LESSON PLANS

WEEK OF: _____

TARGET LEARNING FOCUS

STUDENTS

MATERIALS

MON TUES WED THUR FRI

INSTRUCTION

SMALL GROUP LESSON PLANS

WEEK OF: _____

TARGET LEARNING FOCUS

STUDENTS

MON TUES WED THUR FRI

INSTRUCTION

SMALL GROUP NOTES

SKILL: _____

TEXT: _____

Lesson plan
templates

1ST GRADE MATH SKILLS

WEEK	MATH SKILL	SAMPLE VOCABULARY
1	Subtracting Numbers 1-10	ones, tens, more, count, counting
2	Ordering Numbers	first, fourth, number bonds, addition, subtraction
3	Decomposing Numbers 1-10	color, shape, size, name the pattern (AB, ABB, ABC, etc.)
4	Patterns	before, next, between, ones, number words, eight
5	Counting to 120	skip count, five, tens, patterns, 100 chart, value
6	Counting to 120	skip count, five, tens, patterns, 100 chart, value
7	Shape Attributes	side, vertex, edge, face, flat, point
8	Compare 2D and 3D Shapes	circle, oval, oval, equal, unequal, row, column, fraction
9	Random Order and Sequences	subtraction, ordering, pattern, skip counting, shapes
10	Meaning of Addition	one-to-one correspondence, skip counting, groups
11	Meaning of Subtraction	take away, count backwards
12	Adding within 20	part-part whole, ten frames, sum, count on, double
13	Subtracting within 20	think addition, count back, difference
14	Word Problems	double, half, in between, measure, width
15	Order Objects by Length	shorter, longer, in between, measure, width
16	Order Objects by Length	measure, ruler, understand units, inches, feet, estimate
17	Express the Length of an Object	measure, ruler, understand units, inches, feet, estimate
18	Time to the Hour	half past, thirty, in between, minutes, hour-minute hands
19	Time to the Half Hour	half past, thirty, in between, minutes, hour-minute hands
20	Ordering and Representing Data	color, graph, tally, the picture graph, key
21	Ordering and Representing Data	color, graph, tally, the picture graph, key
22	Ordering and Representing Data	color, graph, tally, the picture graph, key
23	Ordering and Representing Data	color, graph, tally, the picture graph, key
24	Ordering and Representing Data	color, graph, tally, the picture graph, key
25	Ordering and Representing Data	color, graph, tally, the picture graph, key
26	Ordering and Representing Data	color, graph, tally, the picture graph, key
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32	Ordering and Representing Data	color, graph, tally, the picture graph, key
33	Ordering and Representing Data	color, graph, tally, the picture graph, key
34	Ordering and Representing Data	color, graph, tally, the picture graph, key
35	Ordering and Representing Data	color, graph, tally, the picture graph, key
36	Ordering and Representing Data	color, graph, tally, the picture graph, key

2ND GRADE MATH SKILLS

WEEK	MATH SKILL	SAMPLE VOCABULARY
1	Numbers to 100	ones, tens, patterns, skip counting, number word
2	Place value to 100	ones, tens, standard form, digit
3	Value of 3-digit numbers	ones, tens, hundreds, value, before
4	Groups of 10	ten frame, read, write
5	Value of digits	digit value, one, tens, hundreds, place
6	Counting within 1000 / skip-counting	patterns, before, after, between, skip counting
7	Numbers to 1000 - standard form, word form	standard form, word form
8	Numbers to 1000 - expanded form	expanded form
9	Comparing 3-digit numbers	equal to, less than, greater than
10	Odd and even numbers	odd, even
11	Using a number line to add & subtract	add, subtract, equal, number bonds, addend, sum
12	Add within 20	part-part whole, ten frame, number bonds, difference
13	Subtract within 20	array, repeated addition
14	Arrays with repeated addition	standard, equals, plus, join, add, sum, total
15	Add within 100	whole, in all, number sentence, more, count
16	Add within 100	whole, in all, number sentence, more, count
17	Subtract within 100	less, difference, take away, take apart
18	Subtract within 100	subtrahend, minuend, count back, regroup
19	Add & subtract within 100 - word problems	more than, less than, in all, less, fewer, missing part
20	Add up to four 2-digit numbers	regroup, model
21	Meaning of 1000: tens, 1000 less	standard form, 1000 less, 1000 less
22	Add within 1000	expanded, equals, plus, join, add, sum, total
23	Subtract within 1000	subtrahend, minuend, count back, regroup
24	Add & subtract within 1000	whole, in all, less, difference, regroup, model
25	Bar graphs, picture graphs, the place	data, tally mark, picture graph, bar graph, the plot, key
26	Counting money - coin value	value, penny, cent, nickel, dime, quarter, dollar
27	Counting money - word problems	cents, dimes, change, buy, value
28	Telling time - nearest 5 minutes	analog, digital, hour hand, minute hand, hour, minute
29	Telling time - AM and PM	clock, AM, PM, morning, afternoon, evening
30	2D shapes	square, triangle, rectangle, circle, side, corner, angle
31	2D shapes	side, corner, square, circle, area, edge, face, vertex
32	Partitioning rectangles - rows and columns	row, column, equal, parts, whole
33	Partitioning circles into equal volumes	halves, thirds, fourths, equal, unequal, share
34	Measurement - tools, measuring length	measure, ruler, tape measure, protractor, meter stick
35	Measurement - estimating length, comparing lengths	inch, foot, centimeter, meter, yard, estimate
36	Measurement - word problems	shorter, longer, bigger, height, width

Math scope &
sequence for
1st & 2nd grades



BINDER SET-UP

Binder & divider
cover pages

SMALL
GROUP
BINDER

GROUPS

LESSON
PLANS

CALENDARS

SOURCES

DATA

NOTES

SMALL GROUP
RULES



Be respectful



Stay on task



Use soft voices



Participate

SMALL GROUP

Looks like

Sounds like

Group anchor
charts for behavior

GROUP #4

Group labels in
different sizes

GROUP #1

GROUP #2

GROUP #3

GROUP
#2

GROUP
#4

GROUP
#1

GROUP
#3

#5

#7

GROUP
#4



MENTAL MATH WARM-UPS

Warm-Up Directions

- Write problems for students to solve one at a time.
- Students put a thumb up when they solved the problem.
- When students all have thumbs up to share with a partner how they got an answer. Listen to students as they choose two with different strategies with the group.
- As students share, you can write representations and thinking for the students to see.
- Students can use hand signals to respond to each others' thinking.
- Continue with the other problem warm-up card.
- Note: A warm-up should only take 5 minutes.

Hand signals

I have an answer.



I have another answer.



I want to add on.



I'm thinking.



Me too!



I solved it.



I disagree.



I have a question.

I have an answer.



I have another answer.



I did it differently.



Silent hand signal posters

Math Warm-Up

A



B



C



Math Warm-Up

A



B



C



Math Warm-Up

A



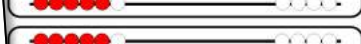
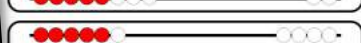
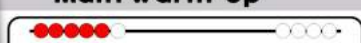
B



C



Math Warm-Up



Math Warm-Up

$$\begin{array}{l} 24 - 4 \\ 24 - 5 \\ 24 - 8 \\ 24 - 9 \end{array}$$

Math Warm-Up

$$\begin{array}{l} 30 + 30 \\ 29 + 29 \\ 29 + 28 \\ 29 + 31 \end{array}$$

Math Warm-Up

$$\begin{array}{l} 8 + 2 \\ 2 + 4 + 8 \\ 8 + 3 + 2 \end{array}$$

Math Warm-Up

$$\begin{array}{l} 5 + 5 \\ 4 + 6 \\ 6 + 6 \\ 5 + 7 \end{array}$$

Math Warm-Up

$$\begin{array}{l} 22 - 2 \\ 22 - 4 \\ 22 - 5 \\ 22 - 8 \end{array}$$

Math Warm-Up

$$\begin{array}{l} 40 + 40 \\ 39 + 39 \\ 39 + 38 \\ 39 + 41 \end{array}$$

Math Warm-Up

$$\begin{array}{l} 9 + 1 \\ 9 + 7 + 1 \\ 1 + 6 + 9 \end{array}$$

Math Warm-Up

$$\begin{array}{l} 7 + 7 \\ 6 + 8 \\ 8 + 8 \\ 7 + 9 \end{array}$$



HANDS-ON ACTIVITIES

Hands-on ways
to practice
math skills

Interactive Number Line

0 10 20 30 40 50 60 70 80 90 100

Block Number Towers

TENS ONES

Domino Combinations

6

Four Square

Four Square

Place Value

Hundreds	Tens	Ones
4	2	8

WAYS TO WRITE NUMBERS:

Standard form: 428

Expanded form: $400 + 20 + 8$

Word form: Four hundred twenty-eight

Interactive Number Line

7 10

Place Value Popsicles

5 2 4

Beads

Addition Beads

$2 + 3 = 5$ $3 + 4 = 7$

Subtraction Smash

9 - 5 = 4

7 - 2 = 5

Addition Race

Write the equation on the signs. Add as you drive the car on the road until you get to the sum.

Addition Race

Build a Robot

Equation: $___ + ___ = ___$

Bolts (Tens): $___$

Nuts (Ones): $___$

Sum: $___$

Money Regrouping

Equation: $___ - ___ = ___$

Dimes (Tens): $___$

Pennies (Ones): $___$

Sum: $___$

Number Frog Hops

Equation: $___ - ___ = ___$

3D Shape Construction

Shape Construction

Draw it: $___$ Real life object: $___$

Faces	Edges	Vertices

3D Shape Construction

rectangular prism

pyramid

cube

triangular prism

2D Shape Construction

Shape Construction

Draw it: $___$ Real life object: $___$

Name	Sides	Vertices

Piggy Bank Spin

quarter 25¢

dime 10¢

nickel 5¢

penny 1¢

Measurement 500

Write the distance each car traveled on the trophies. Don't forget to add the units.

Lego Bowling

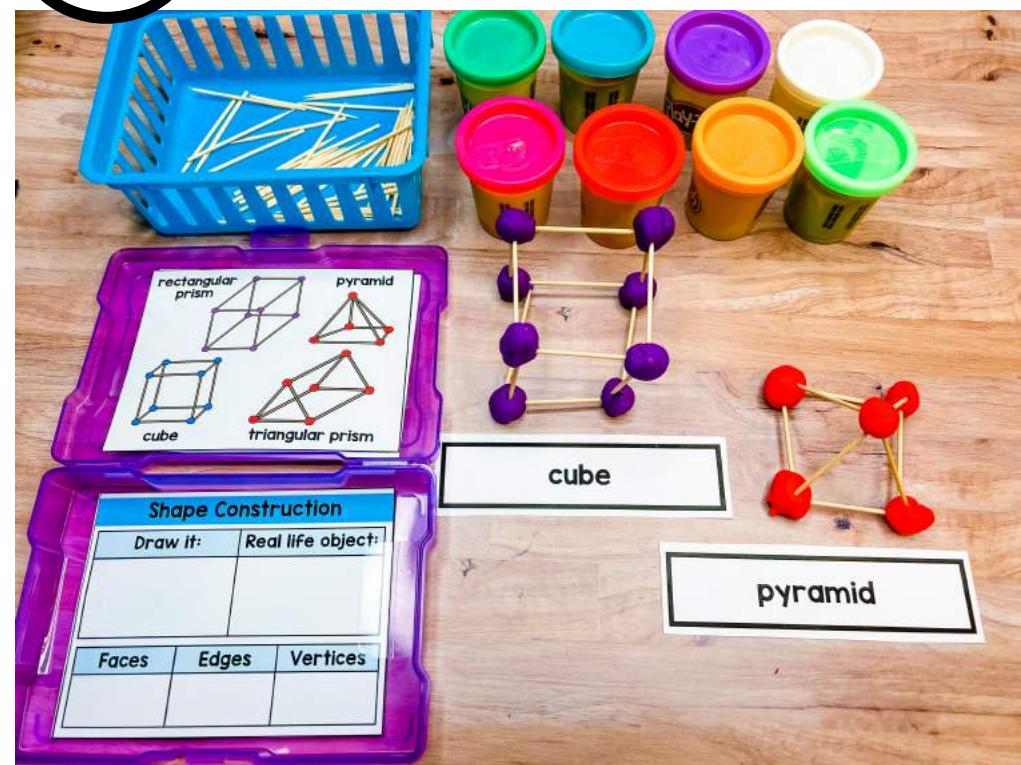
Easy, quick prep interventions

green white blue red yellow

Winner's Circle



HANDS-ON ACTIVITIES





ASSESSMENTS & DATA

MATH SCREENER
INSTRUCTIONS, SCORING, & NEXT STEPS

Instructions

- There is no need to administer the entire screener in one sitting! Select the skill(s) you would like to check student understanding on.
- Some of the skills require one-on-one administration and others can be administered to the whole class at once.
- Print a copy of the student materials for each student to work on during the screener. Use the scoring pages for the teacher to read from and record on.
- Set a timer for the time indicated on each half sheet. Students work independently to complete the problems. Collect them when the time is up.

Scoring – One-on-one skills

- As you say the prompts to the student, mark their responses on the page by slashing any items they got incorrect. Write the number of correct items. Tally the total points for each target skill.
- Students should be able to say the answer within a few seconds to be counted as correct.

Scoring – Whole class skills

- Each problem counts as 2 points.
- One point is given for every correct answer. One point is given for each problem set-up.

Next Steps

- If the student misses more than a few points in any target skill, this indicates more instruction and practice is needed with that target skill.

Skills Included

* One-on-one skills	* One-on-one skills
* Counting to 100	* Subtraction to 20
* Counting to 1000	* Subtraction to 100
* Identify numbers to 100	* Subtraction to 1000
* Identify numbers to 1000	* Measurement
* Missing numbers	* Coins
* Skip-counting	* Money word problems
* Place Value to 100	* Time to hour & half
* Place Value to 1000	* Time to 5 minutes
* Addition to 20	* Fractions
* Addition to 100	* 2D Shapes
* Addition to 1000	* 3D Shapes
	* Graphs
	* Compare within 100
	* Compare within 1000
	* Odd & even numbers
	* Arrays
	* Word problems – one-step to 20
	* Word problems – one-step to 100
	* Word problems – two-step to 100
	* Mental math
	* Multiplication

Student Name: _____ Date: _____

MATH SCREENER
COUNTING TO 100

Student materials are needed for this portion of the screener. Number 1 and count as high as you can.

3	4	5	6	7	8	9	10
13	14	15	16	17	18	19	20
23	24	25	26	27	28	29	30
33	34	35	36	37	38	39	40
43	44	45	46	47	48	49	50
53	54	55	56	57	58	59	60
63	64	65	66	67	68	69	70
73	74	75	76	77	78	79	80
83	84	85	86	87	88	89	90
93	94	95	96	97	98	99	100

Counting points: ____/100
Number sequencing points: ____/30

Student Name: _____ Date: _____

MATH SCREENER
COUNTING TO 1000

Student materials are needed for this portion of the screener. Number 1 and count until I tell you to stop. (Teacher says the number.)

699	700	701	702	703	704	705	706
709	710	711	712				
797	798	799	800	801	802	803	804
807	808	809	810	811	812	813	814

Counting points: ____/43
Counting backward points: ____/25

Student Name: _____ Date: _____

MATH SCREENER
NUMBER IDENTIFICATION

Student materials are needed for this portion of the screener. To each number and say its name.

33	18	37	7	41	9	74	2	45
36	10	1	76	4	48	13	12	60
13	11	17	38	34	19	21	83	51

Student materials are needed for this portion of the screener. To each number and say its name.

333	918	237	700	341	609	574	902	145
836	100	791	376	864	248	113	812	660
713	511	317	138	234	419	621	883	151

Numbers to 100 points: ____/30
Numbers to 1000 points: ____/30

MISSING NUMBERS

Student materials are needed for this portion of the screener. At each set of numbers, tell me the number that is missing.

33	18	37	7	41	9	74	2	45
36	10	71	76	4	48	13	12	60
23	11	17	38	34	19	21	83	51

Missing numbers points: ____/30

Math screener for every skill

Name: _____

ODD & EVEN NUMBERS

Color the even numbers. Color the odd numbers.

7	6	11	1	5	6
46	69	95	21	86	69
454	774	600	458	539	833

Name: _____

ODD & EVEN NUMBERS

Color the even numbers. Color the odd numbers.

7	6	11	1	5	6
46	69	95	21	86	69
454	774	600	458	539	833

Name: _____

COMPARING NUMBERS TO 100

Each set of numbers.

43	43	34	88	18
72	67	67	25	52
12	41	14	91	91

Name: _____

COMPARING NUMBERS TO 100

Each set of numbers.

43	43	34		
72	67	67		
12	41	14		

Name: _____

ADDITION TO 100

Solve each problem.

5 =	11 + 49 =	66 + 17 =
1 =	16 + 38 =	10 + 87 =
2 =	59 + 24 =	45 + 29 =

Name: _____

ADDITION TO 100

Solve each problem.

2 =	59 + 24 =	45 + 29 =
-----	-----------	-----------

Name: _____

SUBTRACTION TO 100

Solve each problem.

25 - 15 =	49 - 11 =	66 - 17 =
94 - 31 =	38 - 16 =	87 - 10 =
42 - 13 =	59 - 24 =	75 - 29 =

Name: _____

SUBTRACTION TO 100

Solve each problem.

49 - 11 =	66 - 17 =
38 - 16 =	87 - 10 =
42 - 13 =	59 - 24 =

Can also be used as exit tickets

Name: _____

GRAPHS

Answer the questions using the graph.

Type of Animal	Number of Animals
Cows	14
Pigs	8
Chickens	18
Goats	6

How many cows are on the farm?

What animal is there the most of?

How many pigs and goats are there?

What animal is there the least of?

Name: _____

GRAPHS

Answer the questions using the graph.

Type of Animal	Number of Animals
Cows	14
Pigs	8
Chickens	18
Goats	6

How many cows are on the farm?

What animal is there the most of?

How many pigs and goats are there?

What animal is there the least of?

Name: _____

SKIP COUNTING

Counting numbers.

90	15	20	30
16	55	65	70
60	46	48	50

Name: _____

SKIP COUNTING

Counting numbers.

90	15	20	30
16	55	65	70
60	46	48	50

Student Name: _____

MATH SCREENER
STUDENT COPY

Number Identification to 1000

32	34	17	19	36	38	6	8
8	10	73	75	1	3	44	46
35	37	9	11	70	72	75	77
47	49	12	14	11	13	59	61
22	24	10	12	16	18	37	39
18	20	20	22	82	84	50	52

Student Name: _____

MATH SCREENER
STUDENT COPY

Number Identification to 1000

32	34	17	19	36	38	6	8
8	10	73	75	1	3	44	46
35	37	9	11	70	72	75	77
47	49	12	14	11	13	59	61
22	24	10	12	16	18	37	39
18	20	20	22	82	84	50	52

Student Name: _____

MATH SCREENER
STUDENT COPY

Number Identification to 1000

333	918	237	700	341	609
836	100	791	376	864	248
713	511	317	138	234	419
621					

Student Name: _____

MATH SCREENER
STUDENT COPY

Number Identification to 1000

333	918	237	700	341	609
836	100	791	376	864	248
713	511	317	138	234	419
621					



ASSESSMENTS & DATA

My Data Booklet

Name: _____

My Data Booklet

Name: _____

Math Skills 1

Color in the smile when you master the skill.

I can count to 120.	I can identify 2D shapes.
I can add within 20.	I can subtract within 20.
I can order objects by length.	I can solve word problems.
I can identify place value of 2-digit numbers.	I can create math equations.

Math Skills 1

Color in the smile when you master the skill.

I know the numbers 1-20.	I can count to 120.
I can partition circles & rectangles.	I can identify 2D shapes.
I can tell time to the half hour.	I can add within 20.
I can read a graph.	I can subtract within 20.
I can identify place value of 2-digit numbers.	I can order objects by length.
I can create math equations.	I can solve word problems.

Math Skills 2

Color in the smile when you master the skill.

I can identify place value of 3-digit numbers.	I can skip count by 2s, 5s, and 10s.
I can identify and even numbers.	I can create and use arrays.
I can identify 3D shapes.	I can solve two-step word problems.
I can count money.	I can tell time to 5 minutes.

Math Skills 2

Color in the smile when you master the skill.

I can read & write numbers up to 1000.	I can identify place value of 3-digit numbers.
I can measure the length of objects.	I can skip count by 2s, 5s, and 10s.
I can add and subtract within 1000.	I can identify and even numbers.
I can create a graph.	I can create and use arrays.
I can count money.	I can solve two-step word problems.
I can tell time to 5 minutes.	I can identify 3D shapes.

Counting to 100

Count to 100. Fill in the missing numbers.

1	4	6	10
12		25	17
31	34		39
43			
52		66	60
	73		78
	85		
92		97	

Counting to 100

Count to 100. Fill in the missing numbers.

1	4		
12		25	
31	34		
43			
52		66	
	73		78
	85		
92		97	

Student data booklet

Partitioning

Partition each shape into 2 equal shares.

halves fourths halves

Partitioning

Partition each shape into 2 equal shares.

fourths halves fourths halves

Strategies

Color the math strategies you know how to use.

Ten Frame $6 + 4 = 10$	Draw A Picture $2 + 3 = 5$
Draw Dots or Tallies $5 + 4 = 9$	Number Line $10 - 8 = 2$

Math Strategies

Color the math strategies you know how to use.

Use Fingers $2 + 5 = 7$	Ten Frame $6 + 4 = 10$
Visualize $2 + 2 = 4$	Draw A Picture $2 + 3 = 5$
Use Manipulatives $6 - 1 = 5$	Draw Dots or Tallies $5 + 4 = 9$
Number Bond $8 - 3 = 5$	Number Line $10 - 8 = 2$

Addition Facts

100	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70	68	66	64	62	60	58	56	54	52	50	48	46	44	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0
-----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	---	---	---

Addition Facts

100	98	96	94	92	90	88	86	84	82	80	78	76	74	72	70	68	66	64	62	60	58	56	54	52	50	48	46	44	42	40	38	36	34	32	30	28	26	24	22	20	18	16	14	12	10	8	6	4	2	0
-----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	---	---	---

Telling Time

Write the time shown on each clock.

Draw the clock hands to show each time.

7:30 3:00 9:30 1:00

Telling Time

Write the time shown on each clock.

Draw the clock hands to show each time.

7:30 3:00 9:30 1:00

Money

Draw to complete the coin chart.

Heads	Tails

Money

Write and draw to complete the coin chart.

Coin name and value	Heads	Tails

Place Value

Color in the base ten blocks to make each number.

43	12
39	24
5	51

Place Value

Color in the base ten blocks to make each number.

43	12
39	24
5	51

Creating Graphs

Count and color the images.

Fill in the tally chart with the information.

Bug	Tallies

Fill in the bar chart with the information.

Bug	Count

Creating Graphs

Count and color the images.

Fill in the tally chart with the information.

Bug	Tallies

Fill in the bar chart with the information.

Bug	Count

Object Lengths

Color the shorter object blue and the longer object red.

_____ is the shortest.
_____ is the longest.

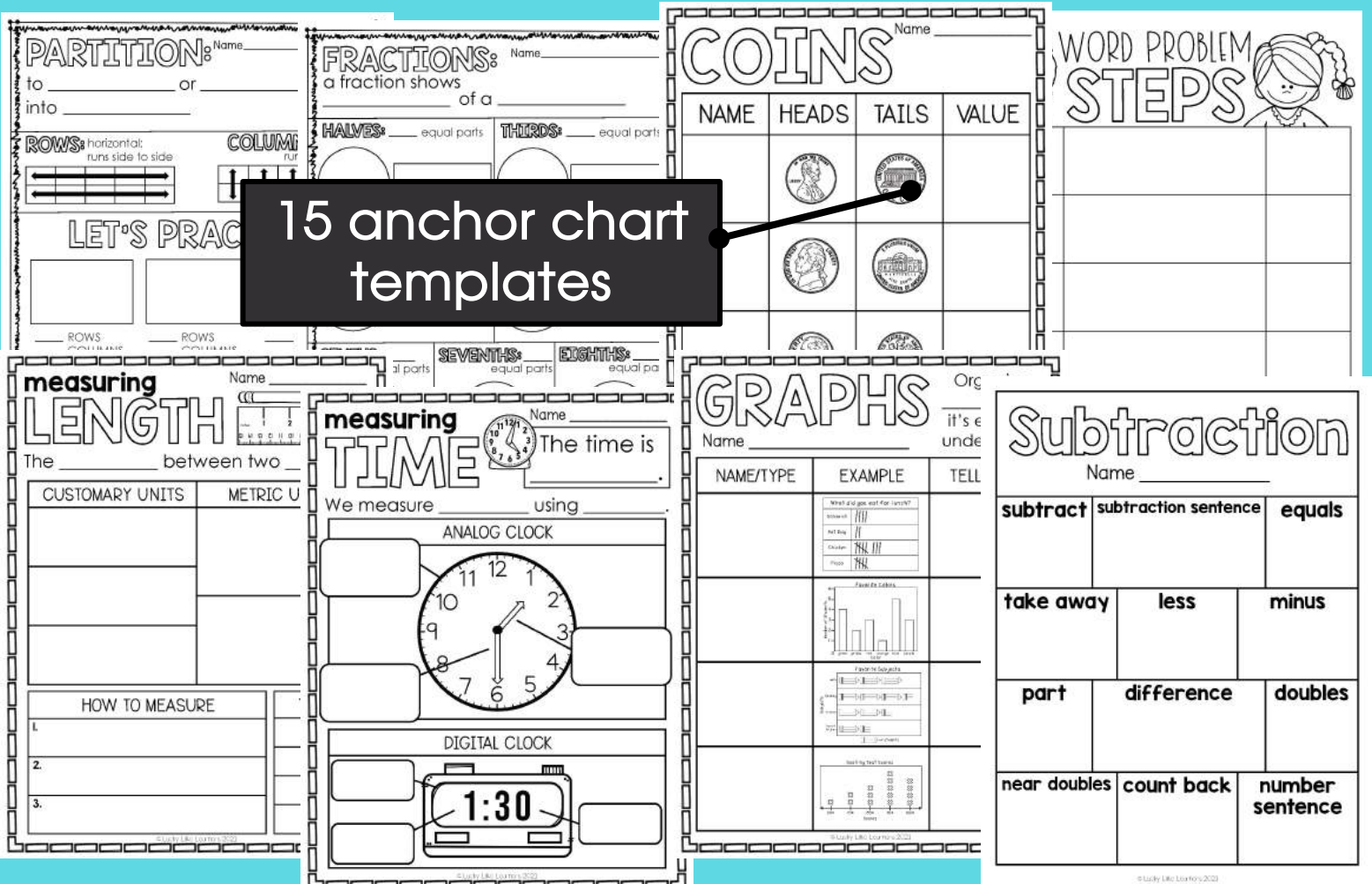
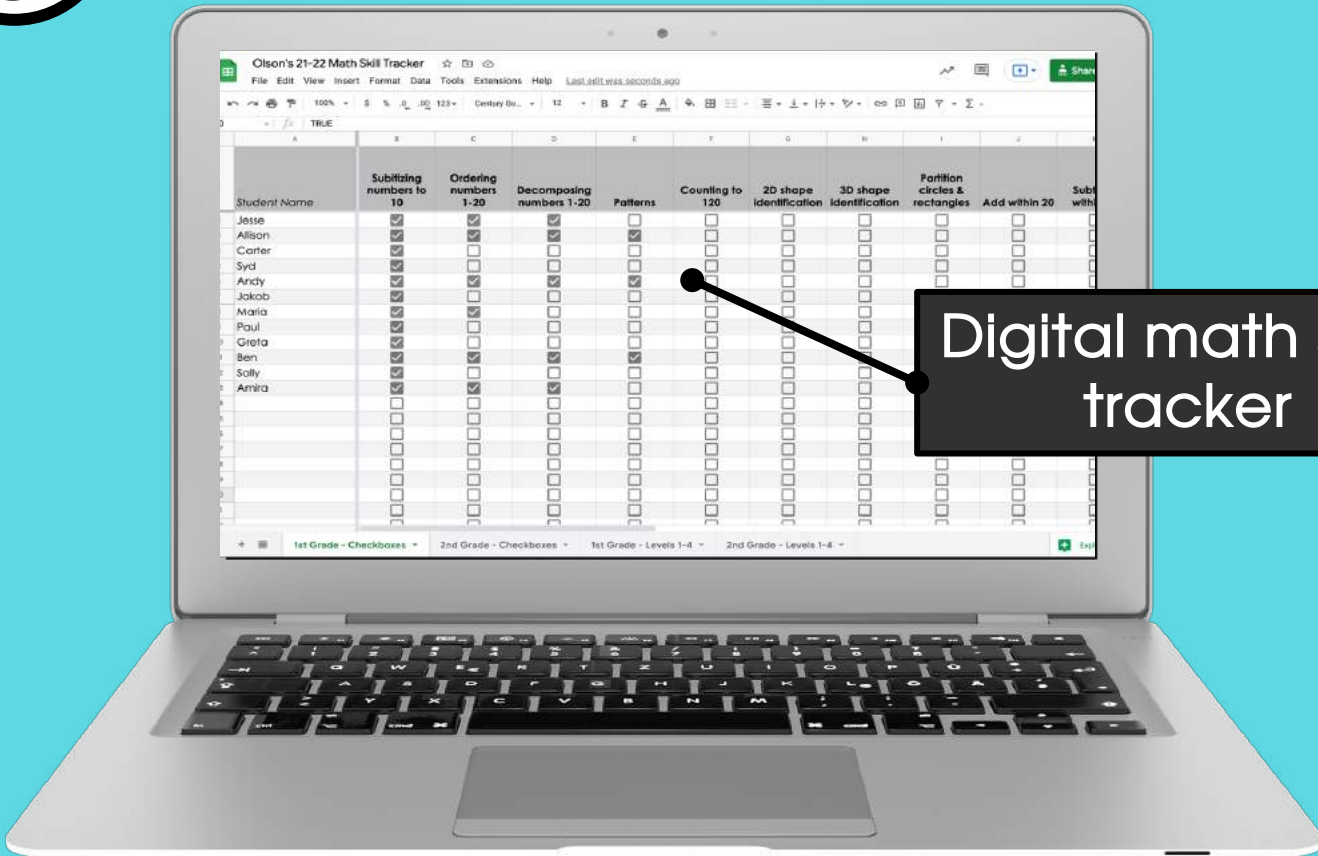
Object Lengths

Color the shorter object blue and the longer object red.

_____ is the shortest.
_____ is the longest.



ASSESSMENTS & DATA





NUMBER PATTERNS

NUMBER PATTERNS

1. Give each student the chart and a handful of counters.
2. Ask students to duplicate the pattern you create.
3. Ask students to write the number of tens and ones they have.
4. Ask students to cover the tens and then ask them to count the ones.
5. Ask students to cover the ones and then ask them to count the tens.
6. Ask students to cover both the tens and ones and then ask them to count the total.

I	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100
101	102	103	104	105	106	107	108	109	110
111	112	113	114	115	116	117	118	119	120

Various activities



PLACE VALUE FOLDER

BUILDING NUMBERS

BUILD

TH	H	T	O

TH

--

	Minus 10	
Minus 1		Plus 1
	Plus 10	

Color and
black & white
versions

-1		+1
	+10	

FLIP & COMPARE

How to Play:

1. Flip over cards.
2. Write the number in the circle.
3. Write a greater than, less than, or equal to symbol in the middle.
4. Note: Take out aces and jacks. Count aces as a value of 1 and jacks as a value of 10.

How to Differentiate:

There are many ways to create 1-, 2-, or 3-digit numbers. Try adding 1-, 2-, or 3-digit numbers.

Differentiation
tips

ROLL & COMPARE

How to Play:

1. Roll dice.
2. Write the number in the circle.
3. Write a greater than, less than, or equal to symbol in the middle.

How to Differentiate:

There are many ways to create 1-, 2-, or 3-digit numbers using dice. Try adding dice to create larger numbers.

WAYS TO SHOW A NUMBER

Write it:

Value it: Tens Ones

Tens	Ones

Build it:

Expand it: + =

COMPARING NUMBERS

> is greater than	< is less than	= is equal to
6 > 3	1 < 2	8 = 8

--

Instructional mats

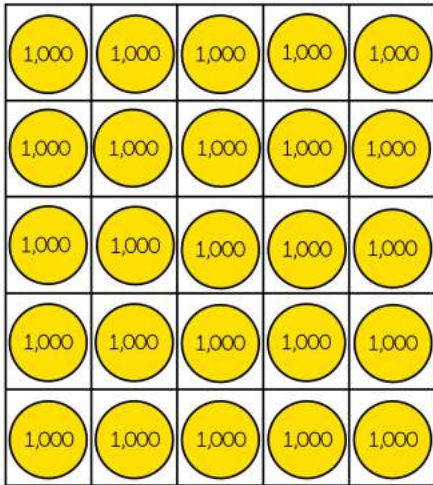
MORE & LESS

-1		+1
-10		+10
-100		+100

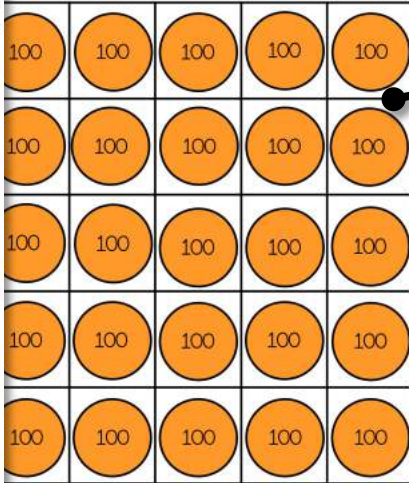


PLACE VALUE FOLDER

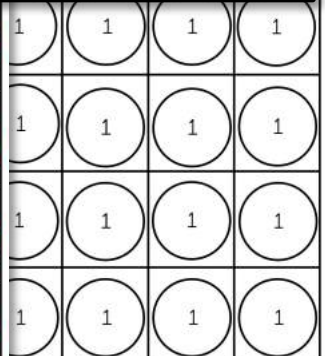
Place Value Chips



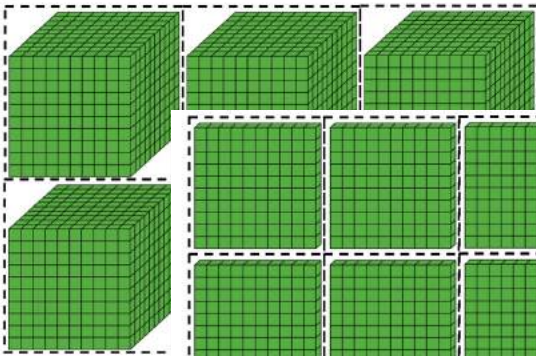
Place Value Chips



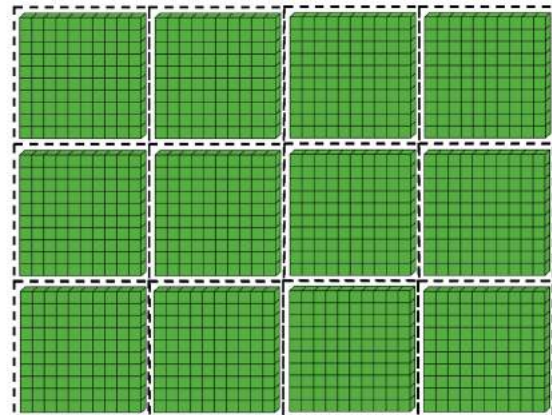
Printable
manipulatives



Cut apart the base ten blocks and store them in the envelope inside the folder.

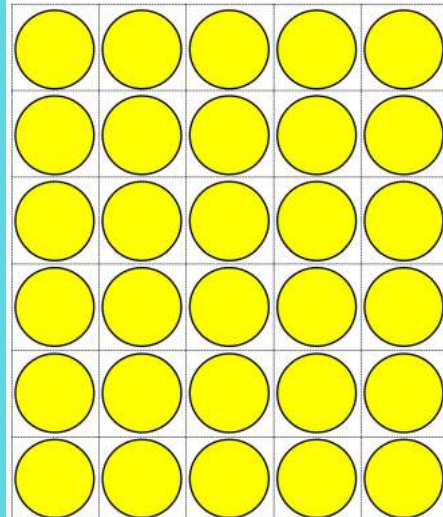


Thousands

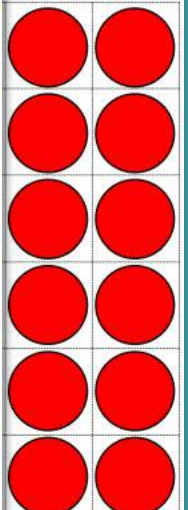


Hundreds

Counters



Counters



0	1	2	3	4	5
6	7	8	9		

1,000	100	10	1
1,000	100	10	1
1,000	100	10	1
1,000	100	10	1
1,000	100	10	1
1,000	100	10	1
1,000	100	10	1
1,000	100	10	1
1,000	100	10	1
1,000	100	10	1

Hundreds Tens Ones

Store & use inside
student folder

NUMBER CARDS

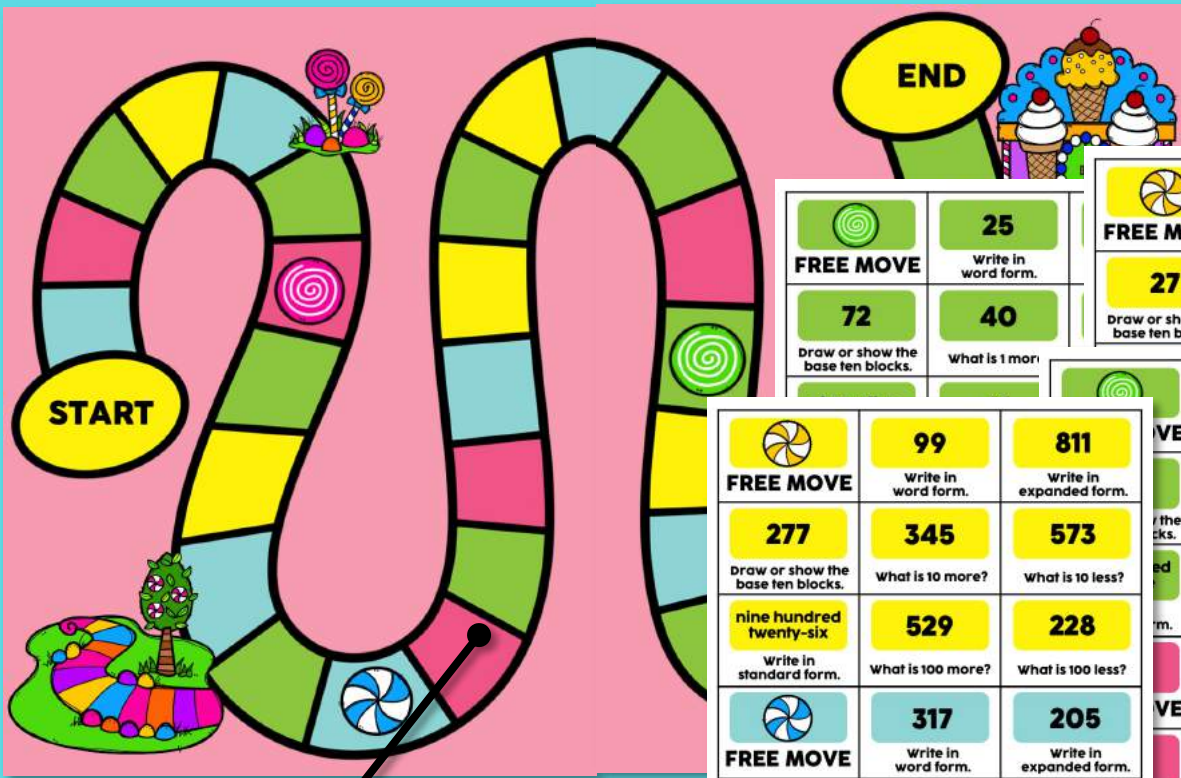
0	1	2	3	4	5
6	7	8	9	>	=

0	1	2	3	4	5
6	7	8	9	<	>

0	1	2	3	4	5
6	7	8	9	=	<



PLACE VALUE ACTIVITIES



FREE MOVE	25 Write in word form.
72 Draw or show the base ten blocks.	40 What is 1 more?

FREE MOVE	99 Write in word form.	81 Write in expanded form.
27 Draw or show the base ten blocks.	34 What is 10 more?	5 What is 10 less?

FREE MOVE	99 Write in word form.	811 Write in expanded form.
277 Draw or show the base ten blocks.	345 What is 10 more?	573 What is 10 less?
nine hundred twenty-six Write in standard form.	529 What is 100 more?	228 What is 100 less?
FREE MOVE	317 Write in word form.	205 Write in expanded form.
611 Draw or show the base ten blocks.	441 What is 10 more?	510 What is 10 less?
six hundred thirty Write in standard form.	208 What is 100 more?	488 What is 100 less?

256 Write in word form.	124 Write in expanded form.
408 What is 10 more?	392 What is 10 less?
761 What is 100 more?	928 What is 100 less?
685 Write in word form.	268 Write in expanded form.
733 What is 10 more?	444 What is 10 less?
100 What is 100 more?	399 What is 100 less?

2 Candy City partner games

SLIDES AND LADDERS

Winner!	58 900+9	57 What is 1 less? 800	56 Compare 112_221	55 7 hundreds 1 tens 2 ones	54 eight hundred seventy-eight	53 200 + 20 + 1	52 What is 1 less? 791	51 Compare 520_250	50 2 hundreds 5 tens
40	41 Compare 923_329	42 3 hundreds 9 tens 7 ones	43	44 What is 10 less? 333	45	46 Compare 324_329	47 1 hundred 8 tens 2 ones	48	49 What is 10 less? 400
39 1 hundred 9 tens 9 ones	38 800+ 10+2	37	36 three hundred eighty-one	35	34	33	32	31 nine hundred sixty-three	30 40+7
29 two hundred fifty-six	28	27 700+20+8	26 What is 10 more? 889	25	24 one hundred twenty-five	23	22	21 four hundred ninety	20
19 four hundred ninety	18 900+10+9	17 2 hundreds 5 tens 9 ones	16 8 hundreds 8 tens 1 ones	15 nine hundred thirty	14 What is 1 more? 340	13 Compare 801_180	12 700 + 5	11	10
Start Here	9 Compare 712_721	8 5 hundreds 3 tens 6 ones	7 six hundred forty-one	6	5 Compare 656_566	4 100 + 20 + 8	3 4 hundreds 8 tens 9 ones	2 nine hundred ninety-four	1

Slides & Ladders partner game



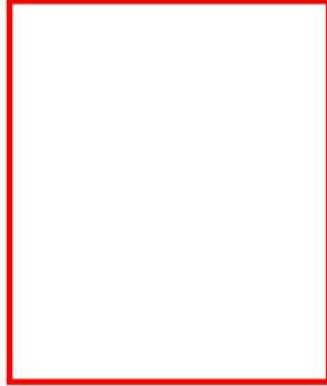
PLACE VALUE ACTIVITIES

Take a Guess

Sample Questions:

- Is it greater than ____ ?
- Is it smaller than ____ ?
- Is it an even number?
- Is it an odd number?
- Does it have ____ digits?
- Does it have ____ tens?
- Can it be grouped into sets of ____?

Place card here:

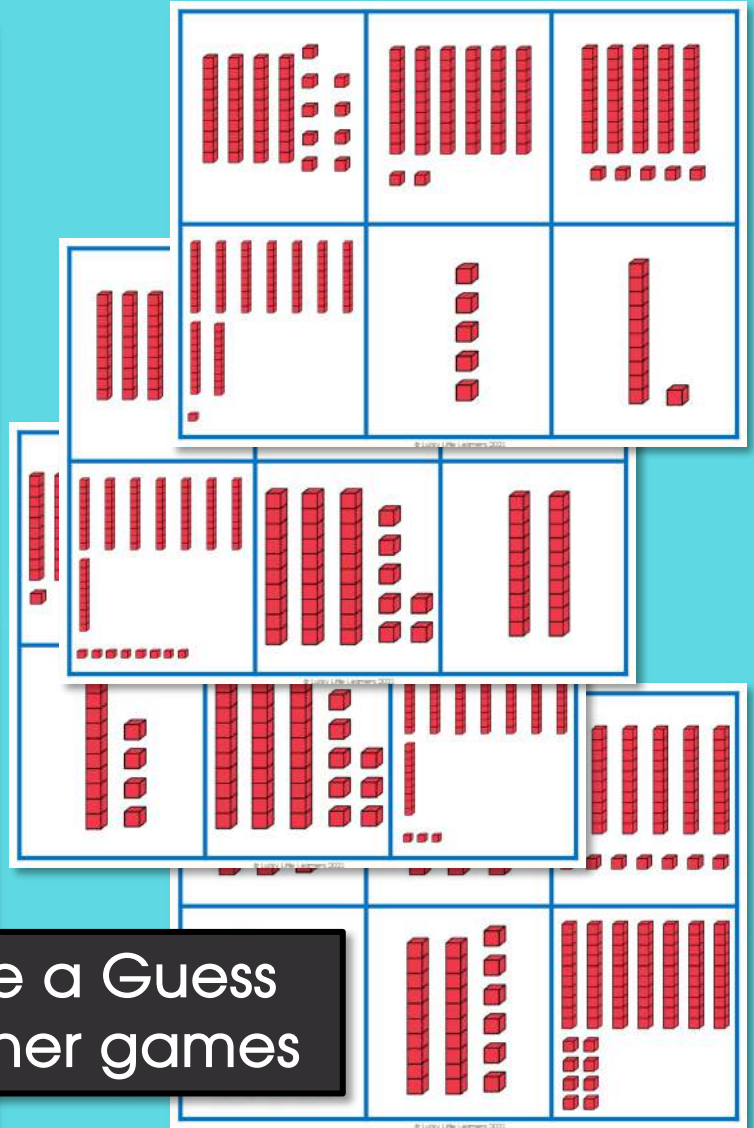


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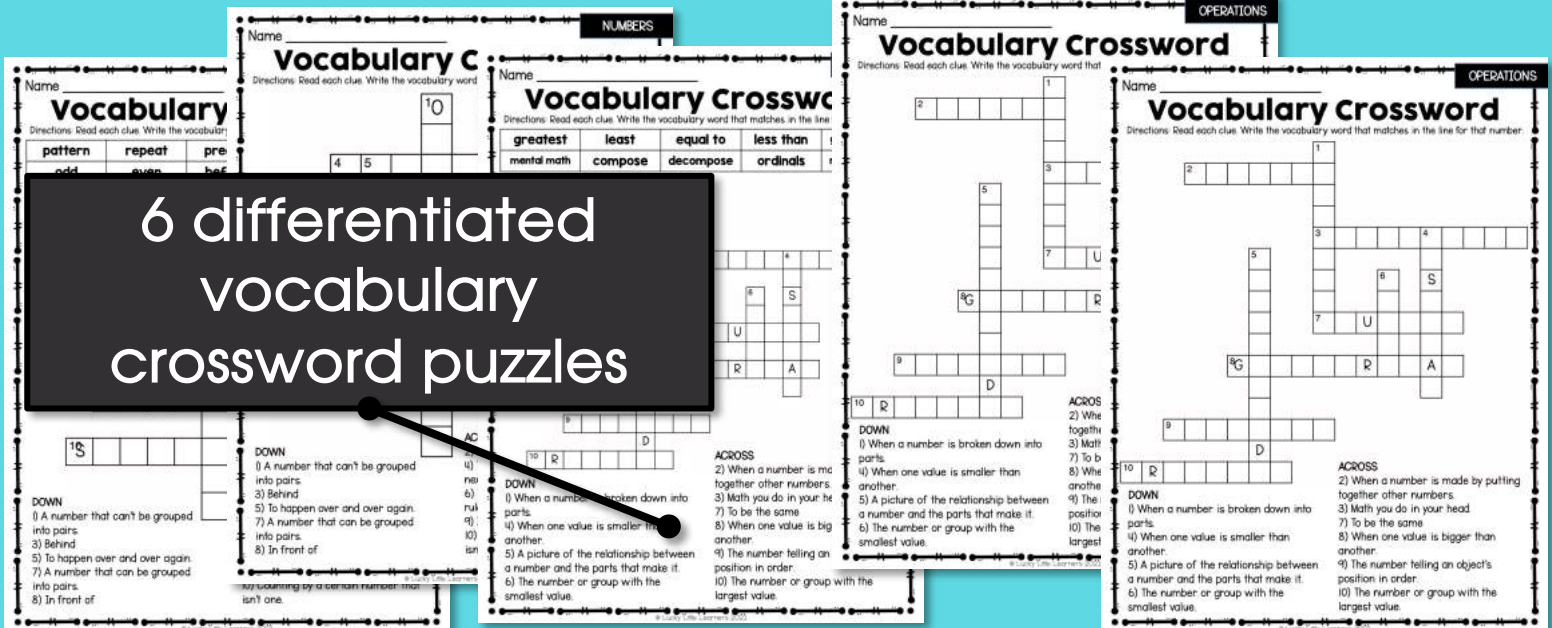
25	30	67	19	26	78
71	99	43	14	38	83
50	29	75	88	37	
49	62	55	91	5	11

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Take a Guess
partner games



6 differentiated
vocabulary
crossword puzzles





OPERATIONS FOLDER

Folder,
manipulatives,
& instructional
mats



WORD PROBLEM MATS

Prep Suggestions:

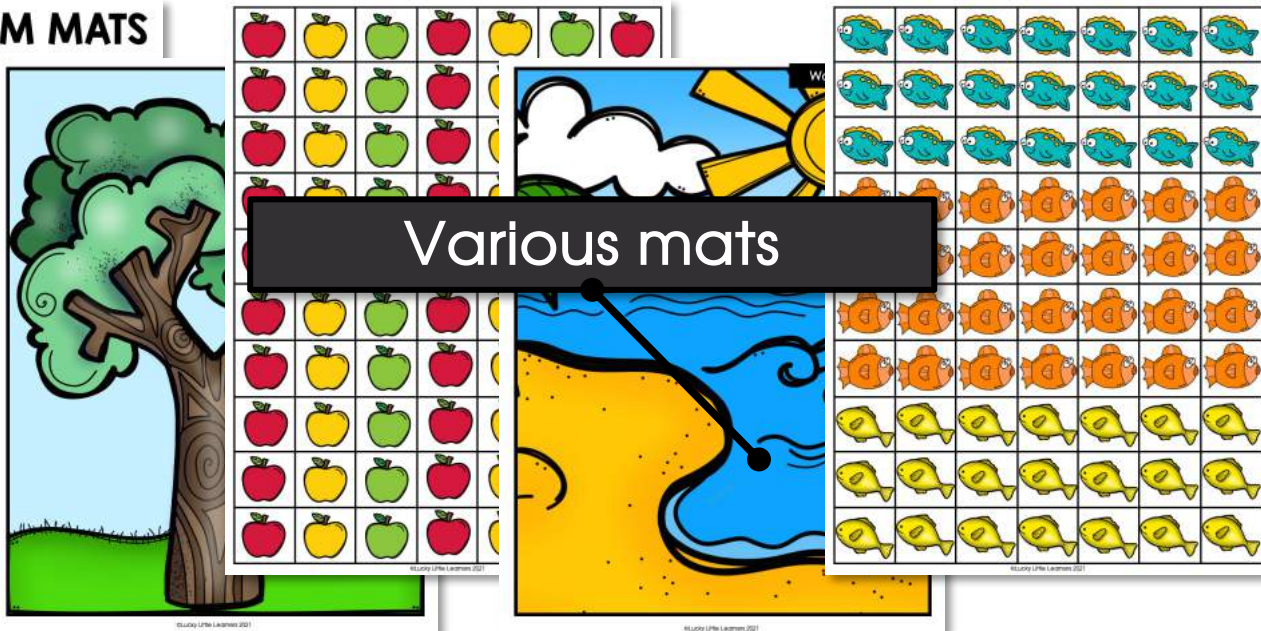
1. Print on colored paper for options, print on white paper for students to color objects, print different color options

How to Play:

1. The teacher says a word or writes it out for the student
2. Students use the paper to solve the word problem.

Note:

It's important that students have a variety of different word problem types and a variety of practice opportunities.

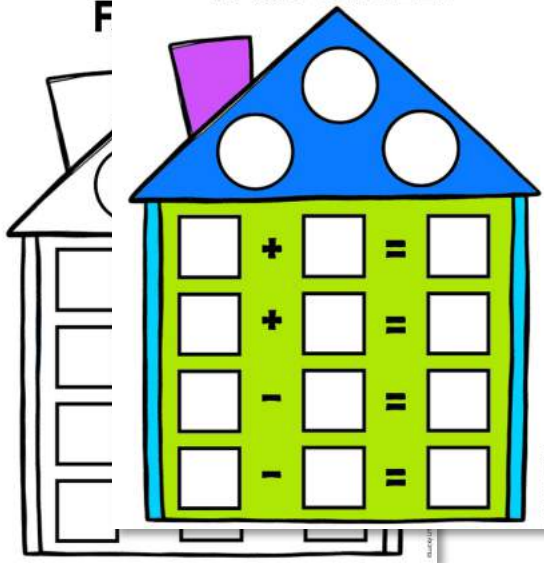


Various mats

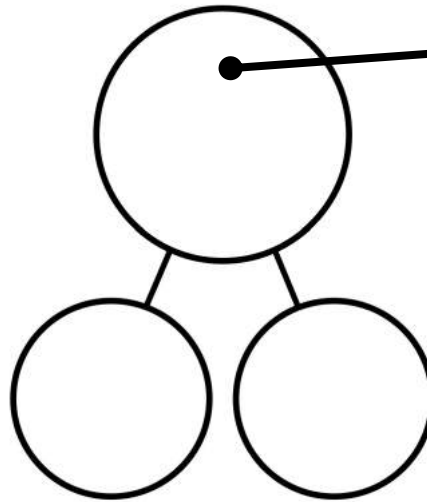


OPERATIONS FOLDER

FACT FAMILY



NUMBER BOND



Color and
black & white
versions

PART	PART

ADDING ON A NUMBER

	0 1 2 3 4 5 6 7 8 9 10
	0 1 2 3 4 5 6 7 8 9 10
	0 1 2 3 4 5 6 7 8 9 10
	0 1 2 3 4 5 6 7 8 9 10

SUBTRACTING ON A NUMBER LINE

	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

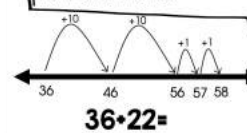
OPEN NUMBER LINES

	+	
--	---	--

Try this strategy!

Make jumps of 10, +

I start at 36. Then I jump up
tens and 2 ones.



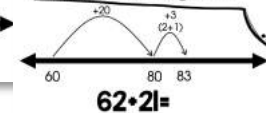
OPEN NUMBER LINES

	+		=	
--	---	--	---	--

Try this strategy!

Combine tens and then combine ones

I combine the tens (60+20) and
then then ones (2+1). Then I
added them together.



Use your
chips to
solve this
problem

+

TH	H	T	O

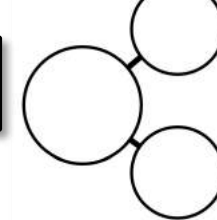
ADDITION MAT

	+		=	

Instructional mats

	+		=	
--	---	--	---	--

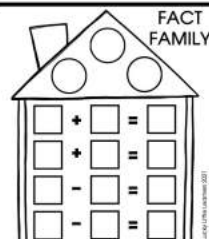
NUMBER BOND



DRAW TO SOLVE

WHOLE

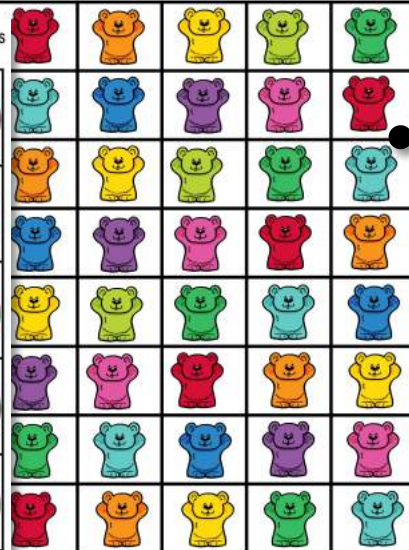
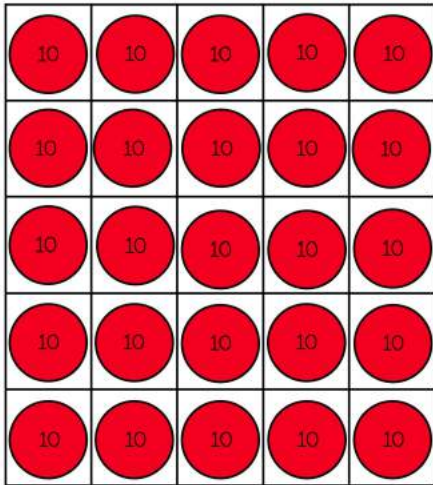
PART PART



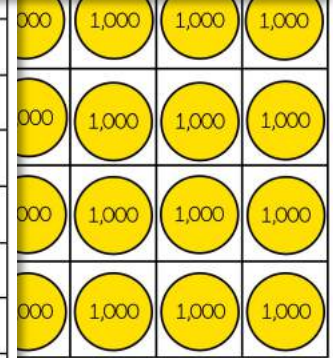
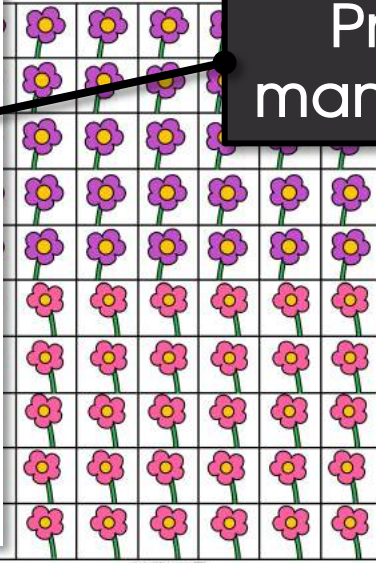


OPERATIONS FOLDER

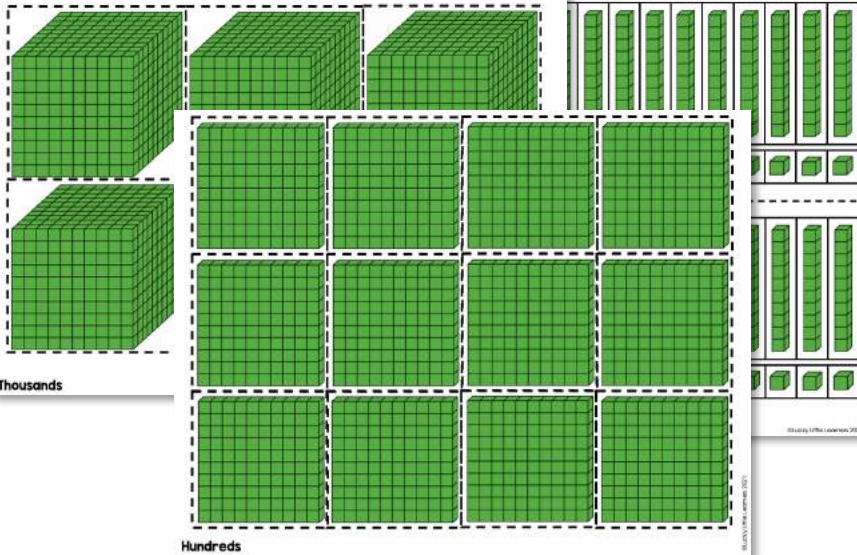
Place Value Chips



Printable
manipulatives



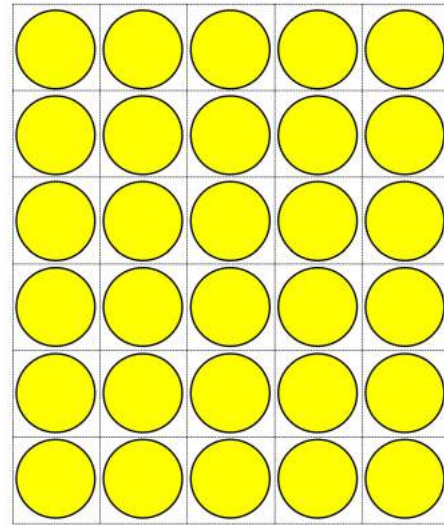
Cut apart the base ten blocks and store them in the envelope inside the folder.



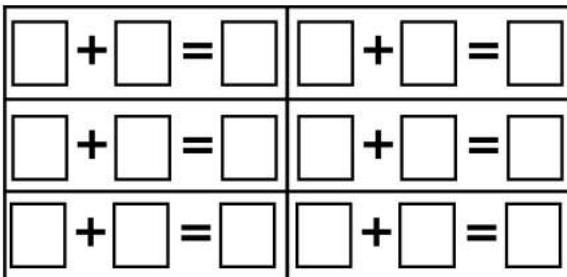
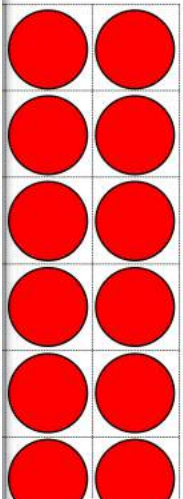
Thousands

Hundreds

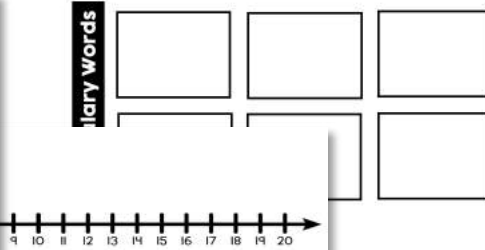
Counters



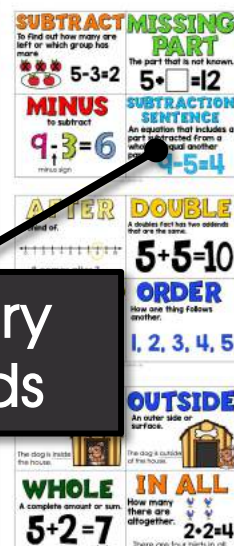
Counters



Vocabulary Words



Vocabulary
word cards

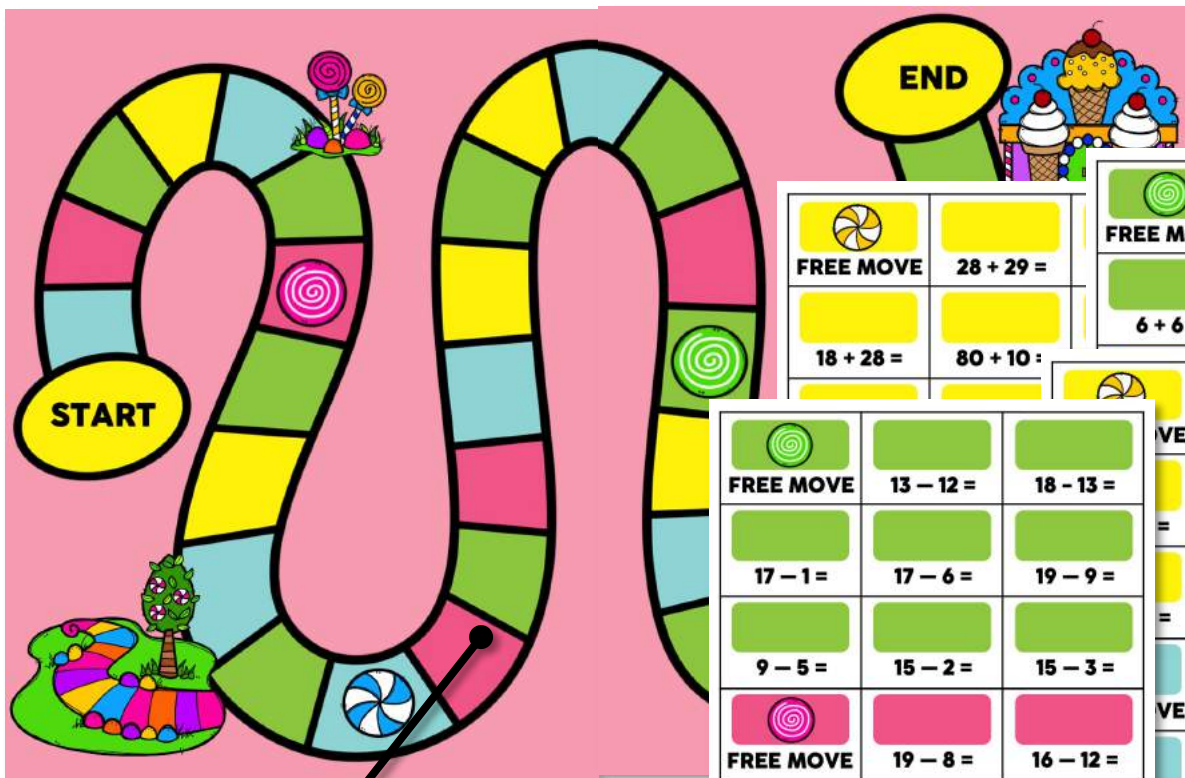


VOCABULARY CARDS











OPERATIONS ACTIVITIES



4 Candy City
partner games


				
FREE MOVE	$28 + 29 =$	FREE MOVE	$10 + 3 =$	$9 + 7 =$
$18 + 28 =$	$80 + 10 =$	$6 + 6 =$	$8 + 9 =$	$9 + 2 =$

		
FREE MOVE	$13 - 12 =$	$18 - 13 =$
$17 - 1 =$	$17 - 6 =$	$19 - 9 =$
$9 - 5 =$	$15 - 2 =$	$15 - 3 =$
		
FREE MOVE	$19 - 8 =$	$16 - 12 =$
$11 - 1 =$	$14 - 2 =$	$18 - 4 =$
$10 - 6 =$	$14 - 4 =$	$17 - 3 =$

		
FREE MOVE	$63 - 23 =$	$75 - 23 =$
$65 - 25 =$	$85 - 48 =$	
$98 - 63 =$	$78 - 49 =$	
		
FREE MOVE	$50 - 11 =$	$91 - 75 =$
$86 - 30 =$	$90 - 35 =$	
$89 - 23 =$	$82 - 51 =$	

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SLIDES AND LADDERS

 Winner!	58 $6-4=$	57 $8-3=$	56 $9-4=$	55 $7-5=$
13 $-2=$	40 $7-4=$	41 $9-5=$	42 $19-8=$	43 $18-3=$
39 $14-8=$	38 $9-6=$	37 $3-2=$	36 $6-1=$	35 $3-1=$
17-7=	15-6=	14-7=	10-4=	15-2=
12-8=	16-7=	14-5=	6-2=	

54 $11-8=$	53 $9-1=$	52 $7-5=$	51 $12-7=$	50 $16-8=$
45 $14-4=$	46 $16-1=$	47 $17-2=$	48 $12-10=$	49 $15-4=$
34 $12-11=$	33 $8-5=$	32 $11-1=$	31 $11-7=$	30 $9-4=$
25 $9-9=$	26 $14-5=$	27 $7-2=$	28 $10-5=$	29 $19-2=$
14 $18-4=$	13 $11-2=$	12 $15-2=$	11 $18-9=$	10 $19-4=$
5 $10-2=$	6 $15-4=$	7 $16-1=$	8 $15-7=$	9 $8-2=$

4 Slides & Ladders
partner games



OPERATIONS ACTIVITIES

Take a Guess

Sample Questions: Place card here:

- Is it greater than ____?
- Is it less than ____?
- Is it an even number?
- Is it an odd number?
- Did you take away more than ____?
- Is the difference ____?
- Are there ____ digit(s)?

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1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24

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$\begin{array}{r} 1 \\ +0 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$	
$\begin{array}{r} 1 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +5 \\ \hline \end{array}$	
$\begin{array}{r} 6 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +10 \\ \hline \end{array}$	
$\begin{array}{r} 8 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +11 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 11 \\ +10 \\ \hline \end{array}$
		$\begin{array}{r} 11 \\ +12 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ +12 \\ \hline \end{array}$

Take a Guess
partner games

Name _____

Vocabulary Crossword

Directions: Read each clue. Write the vocabulary word that matches in the line for that number.

equation	double	addend	in all
join	add	sum	each family

DOWN

- 1) To add one by one
- 2) To put together
- 3) To join together
- 4) A fact with two addends that are the same
- 5) How many there are altogether
- 6) The whole amount. The answer to an addition problem
- 7) The symbol telling you to add

ACROSS

- 1) A group of related addition and subtraction facts
- 2) The numbers you add together to find the whole
- 3) A math sentence with a symbol and equals sign
- 4) The symbol telling you to add

Name _____

Vocabulary Crossword

Directions: Read each clue. Write the vocabulary word that matches in the line for that number.

subtract	minus	difference	equal sign
separate	fewer	subtrahend	minuend

DOWN

- 1) The second number in a subtraction problem
- 2) To decide if numbers are bigger, smaller, or equal to each other
- 3) To subtract one by one
- 4) A lesser amount
- 5) The first number in a subtraction problem

ACROSS

- 1) To find out how many are left or the difference between two numbers
- 2) A sign that tells you to subtract
- 3) To break apart or subtract
- 4) The amount that is left after you subtract
- 5) The first number in a subtraction problem

Name _____

Vocabulary Crossword

Directions: Read each clue. Write the vocabulary word that matches in the line for that number.

DOWN

- 1) The second number in a subtraction problem
- 2) To decide if numbers are bigger, smaller, or equal to each other
- 3) To subtract one by one
- 4) A lesser amount
- 5) The first number in a subtraction problem

ACROSS

- 1) To find out how many are left or the difference between two numbers
- 2) A sign that tells you to subtract
- 3) To break apart or subtract
- 4) The amount that is left after you subtract
- 5) The first number in a subtraction problem

4 differentiated
vocabulary
crossword puzzles



MATH FACT ACTIVITIES

31 math fact searches & answer keys

Addition Fact Search (Easy)

Name: _____

5 6 5 9 6 4 9 6
4 5 1 1 9 3 4 5
9 9 1 1 8 1 4 8
4 9 6 0 1 2 8 8
3 1 3 1 3 1 3 6
1 4 9 3 5 2 2 3
4 6 6 1 2 2 9 2
1 1 1 2 8 4 9 9
1 0 1 0 2 0 9 3
3 2 2 4 8 8 1 6

Directions: Solve each fact. Find the fact in the puzzle. Add the symbol.

$1 + 1 = 2$ $5 + 5 = 6$ $9 + 9 = 10$

Addition Fact Search (Medium)

Name: _____

9 9 0 7 4 2 4 1 7 1
9 1 0 0 1 0 1 1 2 9
6 9 9 5 9 5 1 4 9 1
7 4 2 0 5 8 1 4 1 0
4 0 0 3 4 1 1 7 1 8
7 3 1 0 2 2 0 3 0 2
3 7 0 8 1 8 5 7 0 1
7 1 1 0 9 2 + 8 = 10 0
9 0 0 3 9 9 6 9 8 0
6 4 1 0 5 4 6 1 0 4

Directions: Solve each fact. Find the fact in the puzzle. Add the symbol.

$0 + 10 = 10$ $1 + 9 = 10$ $2 + 8 = 10$ $3 + 7 = 10$

Addition Fact Search (Hard)

Name: _____

7 6 9 1 0 1 9 0 4
2 5 7 1 3 7 9 3 1
6 3 5 1 2 2 7 3 0
2 8 5 2 3 7 5 4 1
3 8 9 1 7 4 5 9 1
1 1 0 8 1 7 2 2 2
3 2 5 7 2 3 1 4 1
5 6 1 1 5 1 2 3 0
1 9 3 4 2 8 3 0 8
5 0 6 0 7 8 3 + 4 = 7

Directions: Solve each fact. Find the fact in the puzzle. Add the symbol.

$1 + 2 = 3$ $2 + 3 = 5$ $3 + 4 = 7$ $4 + 5 = 9$
 $5 + 6 = 11$ $6 + 7 = 13$ $7 + 8 = 15$ $8 + 9 = 17$
 $9 + 10 = 19$ $10 + 11 = 21$ $2 + 1 = 3$ $3 + 2 = 5$

Addition Fact Search (+0)

Name: _____

0 9 9 4 7 0 0 0 4 5
4 6 5 0 7 3 0 7 0 1
3 0 3 6 9 3 0 0 4 9
8 9 1 9 5 5 9 7 2 1
8 8 0 2 2 5 4 5 9 1
0 5 2 6 + 0 = 6 5 5 5 0
8 1 1 0 0 1 0 4 6 1
5 4 6 9 5 0 5 2 1 1
8 7 2 0 2 8 9 0 1 4
5 4 9 8 9 3 1 0 1 6

Directions: Solve each fact. Find the fact in the puzzle. Add the symbol.

$0 + 0 = 0$ $1 + 0 = 1$ $2 + 0 = 2$ $3 + 0 = 3$
 $4 + 0 = 4$ $5 + 0 = 5$ $6 + 0 = 6$ $7 + 0 = 7$
 $8 + 0 = 8$ $9 + 0 = 9$ $10 + 0 = 10$ $11 + 0 = 11$

Addition Fact Search (Easy)

Name: _____

4 3 4 0 1 2 0 1
7 7 7 1 4 6 7 4
2 1 7 2 9 7 6 9
0 0 7 2 6 1 4 0
7 3 9 0 0 3 6 2
7 7 1 0 7 1 7 9
5 4 3 8 7 1 5 5
5 1 4 2 5 7 1 2
4 7 1 1 5 5 0 5
8 3 0 7 4 1 + 7 = 8

Directions: Solve each fact. Find the fact in the puzzle. Add the symbol.

$0 + 7 = 7$ $1 + 7 = 8$ $2 + 7 = 9$ $3 + 7 = 10$
 $4 + 7 = 11$ $5 + 7 = 12$ $6 + 7 = 13$ $7 + 7 = 14$
 $8 + 7 = 15$ $9 + 7 = 16$ $10 + 7 = 17$ $11 + 7 = 18$

Addition Fact Search (Medium)

Name: _____

2 4 6 9 1 6 7 8 1 1
6 0 9 1 4 8 5 6 1 2
6 8 6 0 8 4 1 3 1 1
1 2 1 1 1 6 2 8 0 6
4 1 3 9 7 7 9 7 1 0
9 1 8 3 1 5 1 0 5 5
6 7 7 5 5 4 6 1 5 4
1 1 0 6 2 - 1 = 1 4 8 1

Directions: Solve each fact. Find the fact in the puzzle. Add the symbol.

$1 - 1 = 0$ $2 - 1 = 1$ $3 - 1 = 2$ $4 - 1 = 3$
 $5 - 1 = 4$ $6 - 1 = 5$ $7 - 1 = 6$ $8 - 1 = 7$
 $9 - 1 = 8$ $10 - 1 = 9$ $11 - 1 = 10$ $12 - 1 = 11$

Subtraction Fact Search (Easy)

Name: _____

5 4 3 4 8 2 3 7 1
1 5 9 2 4 1 4 8 6
3 9 8 0 1 1 2 9 4
2 0 5 2 5 8 2 4 0
1 8 2 6 9 8 6 9 9
1 6 2 9 9 4 0 7 2
5 3 0 1 2 2 1 0 7
3 3 6 4 1 8 5 - 2 = 3
4 9 1 0 2 8 7 2 5
7 1 1 2 9 5 3 2 6

Directions: Solve each fact. Find the fact in the puzzle. Add the symbol.

$2 - 2 = 0$ $3 - 2 = 1$ $4 - 2 = 2$ $5 - 2 = 3$
 $6 - 2 = 4$ $7 - 2 = 5$ $8 - 2 = 6$ $9 - 2 = 7$
 $10 - 2 = 8$ $11 - 2 = 9$ $12 - 2 = 10$ $13 - 2 = 11$

Subtraction Fact Search (-3)

Name: _____

7 3 4 3 7 0 7 5 5 9
5 0 8 3 1 9 5 3 1 8
0 8 7 3 3 9 2 2 4 5
8 9 0 0 3 3 1 6 3 5
6 3 3 4 1 0 2 6 1 9
3 6 8 3 0 0 3 1 1 1
3 3 3 0 3 7 9 8 7 0
1 4 - 3 = 1 0 0 4 8 7 3
7 2 4 9 3 8 3 5 2 7
1 1 3 8 3 9 2 4 2 6

Directions: Solve each fact. Find the fact in the puzzle. Add the symbol.

$3 - 3 = 0$ $4 - 3 = 1$ $5 - 3 = 2$ $6 - 3 = 3$
 $7 - 3 = 4$ $8 - 3 = 5$ $9 - 3 = 6$ $10 - 3 = 7$
 $11 - 3 = 8$ $12 - 3 = 9$ $13 - 3 = 10$ $14 - 3 = 11$

Math Fact Search (Easy)

Name: _____

5 2 9 5 7 9 2 0
3 4 0 7 5 3 9 7
9 4 9 5 4 5 2 7
4 5 3 9 9 2 8 8
5 9 5 9 2 8 7 5
3 2 1 9 3 1 2 7
9 9 5 0 0 3 2 1
1 6 7 1 1 2 9 8
2 1 2 - 3 = 9 6 9 4
1 2 9 3 7 3 5 0

Directions: Solve each fact. Find the fact in the puzzle. Add the symbol.

$3 + 9 = 12$ $9 + 3 = 12$ $12 - 9 = 3$ $1 + 7 = 8$
 $5 + 4 = 9$ $4 + 5 = 9$ $9 - 4 = 5$ $9 - 5 = 4$
 $2 + 5 = 7$ $5 + 2 = 7$ $7 - 2 = 5$ $7 - 5 = 2$

Math Fact Search (Medium)

Name: _____

6 0 1 3 3 4 0 5 8 1
7 8 9 4 5 1 6 8 1 1
1 0 6 4 5 1 6 3 7 9
3 7 1 0 5 1 5 1 8 2
5 2 6 9 5 0 3 8 1 1
4 9 6 0 1 0 9 3 4 5
1 9 8 1 1 3 1 5 2 4
2 5 1 3 0 2 2 8 1 9
6 2 8 - 3 = 5 7 4 6 2 4
5 2 8 0 1 2 6 6 2 0

Directions: Solve each fact. Find the fact in the puzzle. Add the symbol.

$3 + 9 = 12$ $9 - 4 = 5$ $12 - 6 = 6$ $1 + 7 = 8$
 $5 + 4 = 9$ $14 - 2 = 12$ $19 - 8 = 11$ $10 + 5 = 15$
 $8 - 3 = 5$ $11 - 9 = 2$ $6 + 7 = 13$ $3 + 5 = 8$

Subtraction Fact Search (Easy)

Name: _____

3 8 0 3 4 6 4 4 1
2 2 5 9 5 2 1 5 0
1 1 9 3 0 2 4 0 8
7 3 1 5 - 2 = 3 7 3 2
6 2 0 5 1 7 7 9 2
4 4 2 1 7 8 9 3 6
1 6 2 1 1 8 3 4 4
1 6 9 7 9 5 8 1 9
2 3 1 8 1 0 8 6 8
7 8 3 9 1 1 3 6 7

Directions: Solve each fact. Find the fact in the puzzle. Add the symbol.

$10 - 8 = 2$ $8 - 5 = 3$ $3 - 2 = 1$ $13 - 1 = 12$
 $14 - 7 = 7$ $5 - 2 = 3$ $16 - 9 = 7$ $7 - 2 = 5$
 $18 - 10 = 8$ $9 - 3 = 6$ $6 - 4 = 2$ $11 - 8 = 3$

Subtraction Fact Search (-6)

Name: _____

6 2 1 7 7 1 0 6 4 3
6 5 3 8 2 3 0 3 5 2
6 1 6 4 7 1 3 4 1 6
0 2 7 6 8 1 7 8 5 5
4 8 5 6 4 6 5 2 6 8
3 8 1 8 1 5 1 4 9 1
0 5 6 6 9 1 7 1 0 9
1 0 7 2 1 6 6 1 0 6
3 1 2 - 6 = 6 6 7 6 1 3
1 4 6 8 0 1 4 3 7 4

Directions: Solve each fact. Find the fact in the puzzle. Add the symbol.

$6 - 6 = 0$ $7 - 6 = 1$ $8 - 6 = 2$ $9 - 6 = 3$
 $10 - 6 = 4$ $11 - 6 = 5$ $12 - 6 = 6$ $13 - 6 = 7$
 $14 - 6 = 8$ $15 - 6 = 9$ $16 - 6 = 10$ $17 - 6 = 11$



MONEY FOLDER



Folders,
manipulatives,
& instructional
mats

RACE TO A DOLLAR

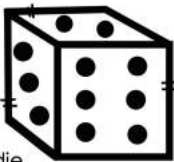
Materials:

Real or paper coins & a die






How to Play:

1. Take turns. When it's your turn, roll the die. The number on the die tells you how many pennies to take.
2. When you have enough pennies to make a trade, trade.
3. Before each roll, tell the partner the total value of money you have.
4. The first person to a dollar wins the game.

NOTE: This game can be played as an independent activity if needed.



RACE TO A DOLLAR

LET'S SORT

How to Play:

1. Use real or paper coins.
2. Sort the coins into the sorting mat.

different coins. Then make a total of one dollar with the coins. To make this activity more challenging, the student can sort the tails side of the coins. The student adds up the total value of the coins.

LET'S SORT!

PENNIES

NICKELS

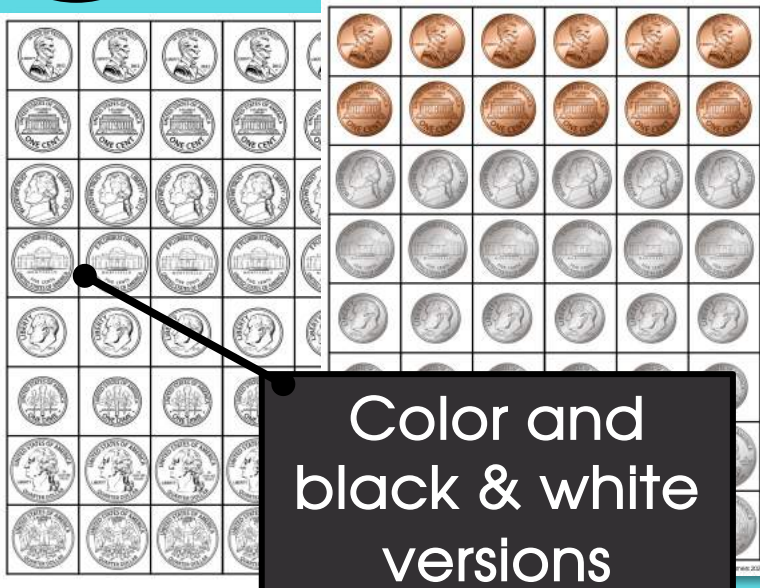
DIMES

QUARTERS

Various activities



MONEY FOLDER



Color and
black & white
versions

HEADS & TAILS

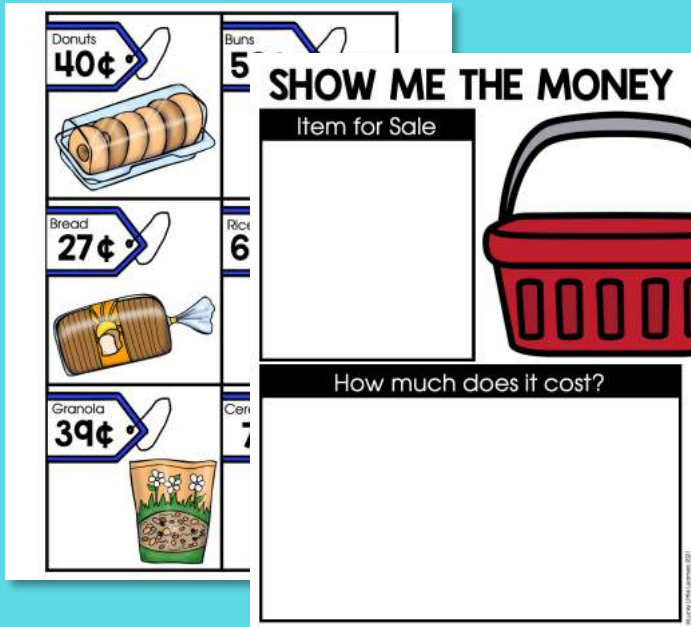
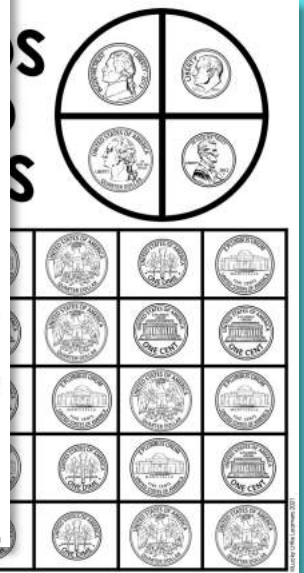


Materials:

Real or paper coins, pencil, paperclip, something to cover values (pom poms, mini erasers, counters, etc) and heads & tails mat

How to Play:

1. Spin the spinner & determine the name of the coin
2. Use something to cover a spot on the pig to match the heads side of the coin on the spinner
3. Keep playing until all values are covered



SPIN & COVER

Materials:

Real or paper coins, pen, something to cover values (mini erasers, counters, etc) and cover mat

How to Play:

1. Spin the spinner & determine the value of the coin
2. Use something to cover a spot on the pig to match the value of the coin on the spinner
3. Keep playing until all values are covered



COIN RACE

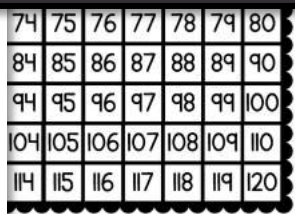
Materials:

Real or paper coins, coin race mat & a die

How to Play:

1. Take turns. When it's your turn, roll the die and move that many spaces on the mat. The number on the die tells you how many pennies to take.
2. When you have enough coins, make a trade.
3. Before each roll, tell the partner the total value of money you have.
4. The first person to 100 wins the game.

NOTE: This game can be played as an independent activity if needed.



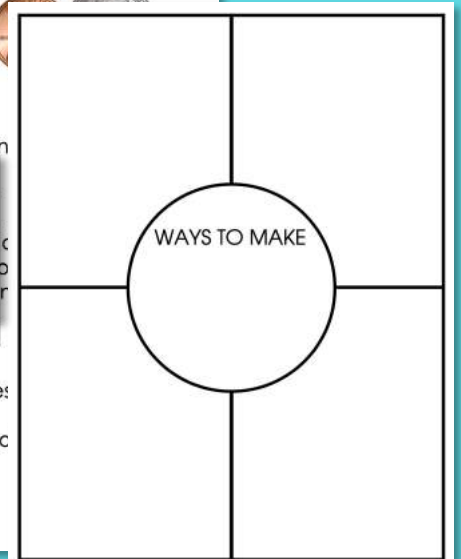
WAYS TO MAKE

Materials:

Real or paper coins and a ways to make mat

How to Differentiate:

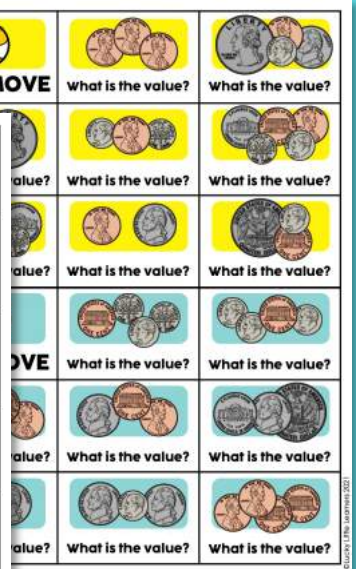
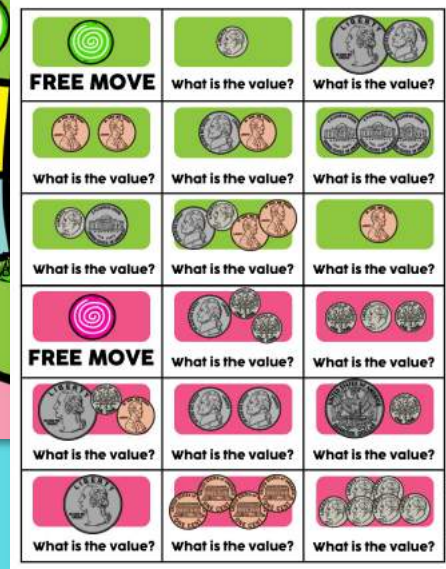
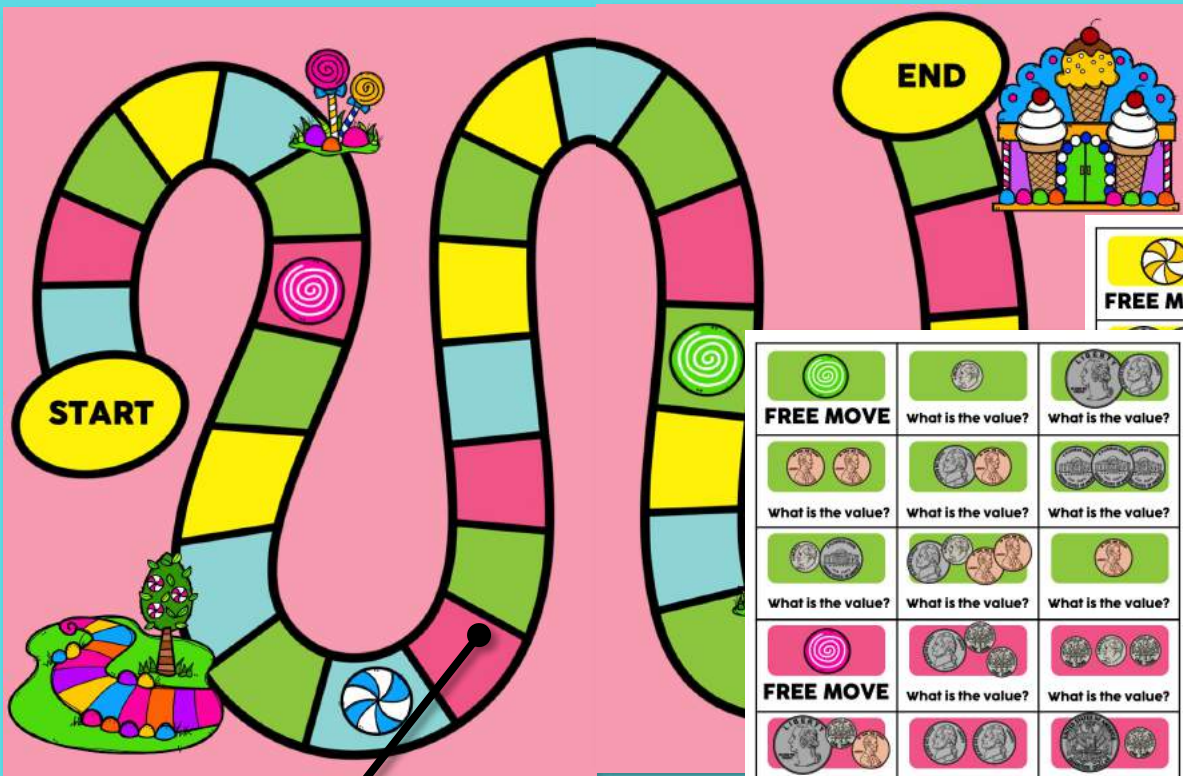
1. Larger amounts
2. Add fifty cent pieces
3. Add dollars
4. Use a combination of coins



Activities with
differentiation tips

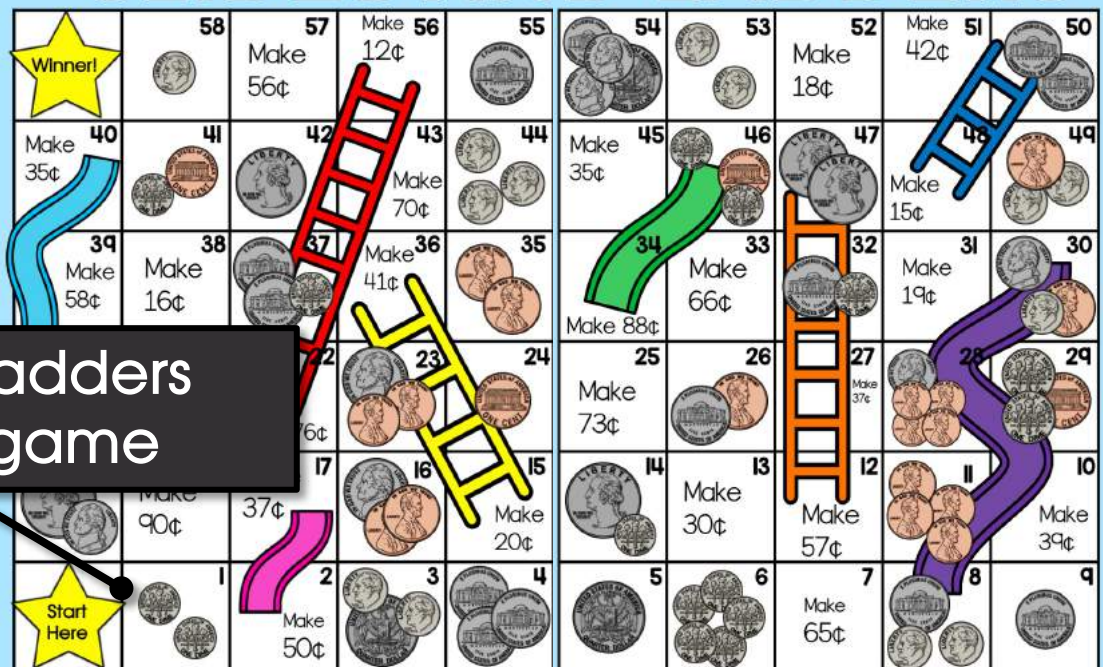


MONEY ACTIVITIES



Candy City
partner game

SLIDES AND LADDERS



Slides & Ladders
partner game



MONEY ACTIVITIES

Take a Guess

Sample Questions: Place card here:

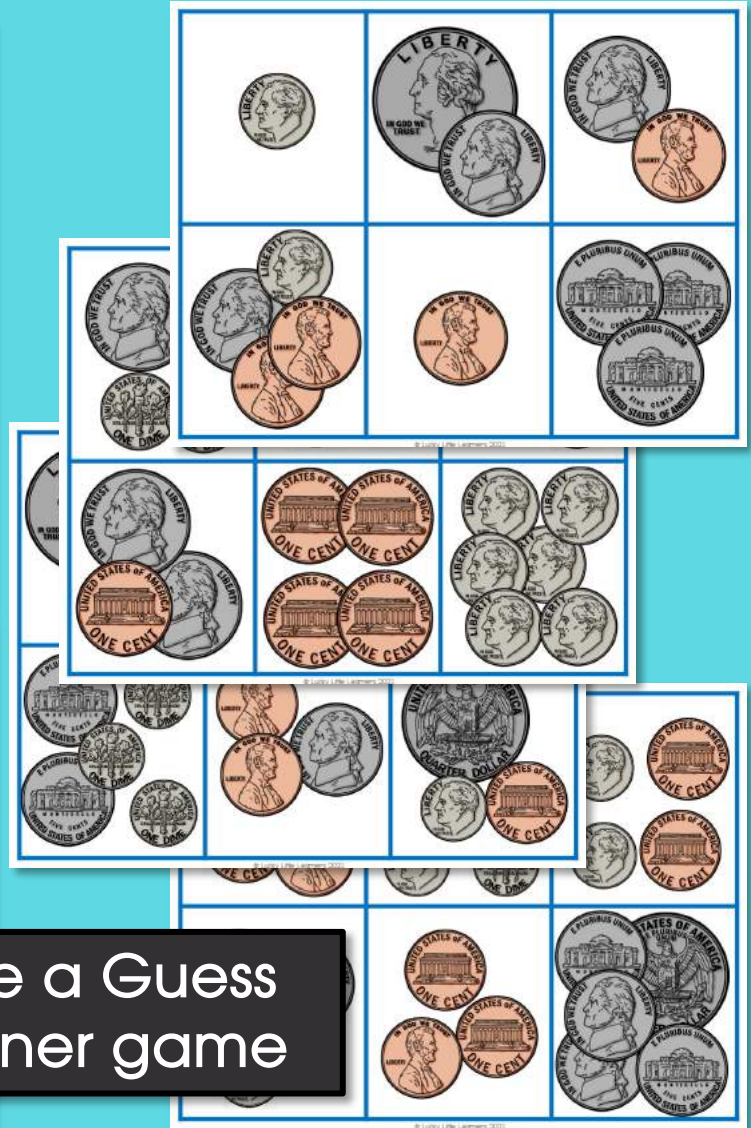
- Is it more than ____ ?
- Is it less than ____ ?
- Does it have a penny?
- Does it have a nickel?
- Does it have a dime?
- Does it have a quarter?
- Does it equal a dollar?

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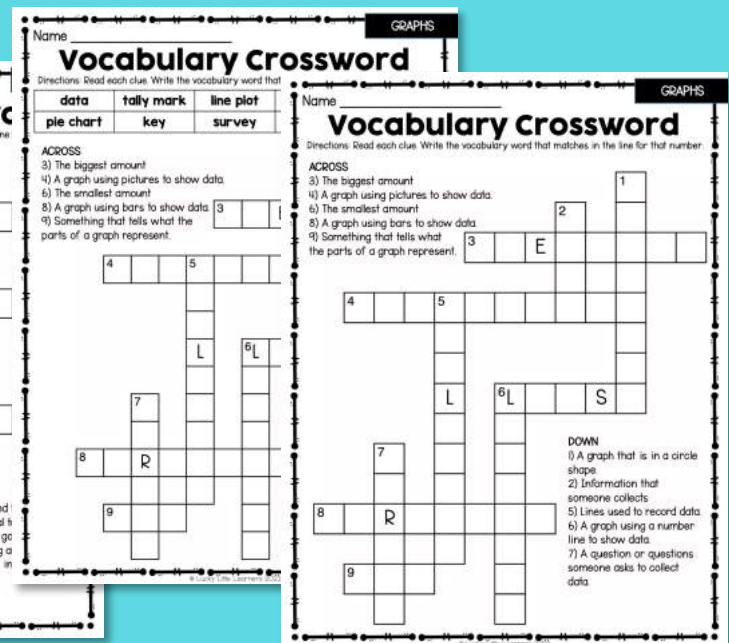
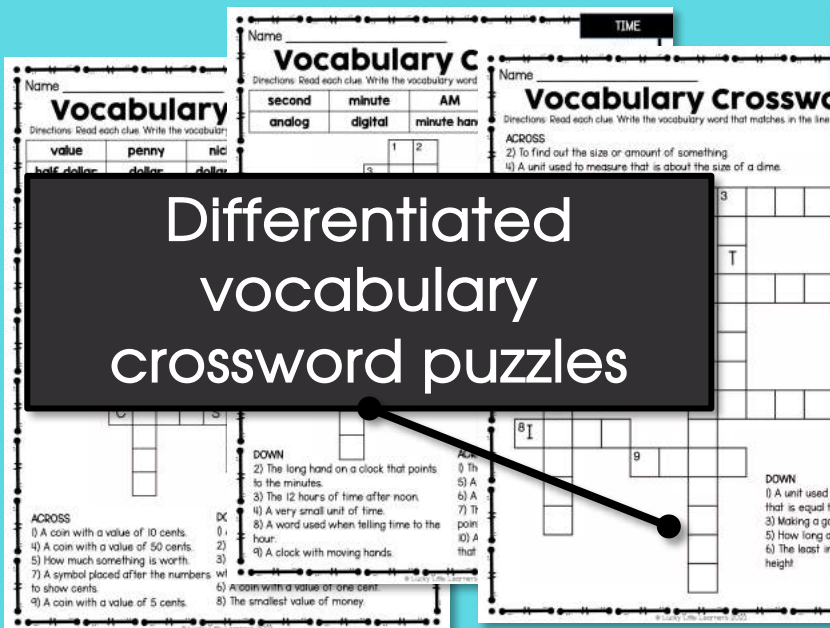
10¢	30¢	6¢	17¢	1¢	15¢
25¢	31¢	35¢	11¢	4¢	60¢
50¢	21¢	27¢	40¢	7¢	
8¢	32¢	22¢	20¢	3¢	45¢

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Take a Guess
partner game



Differentiated
vocabulary
crossword puzzles

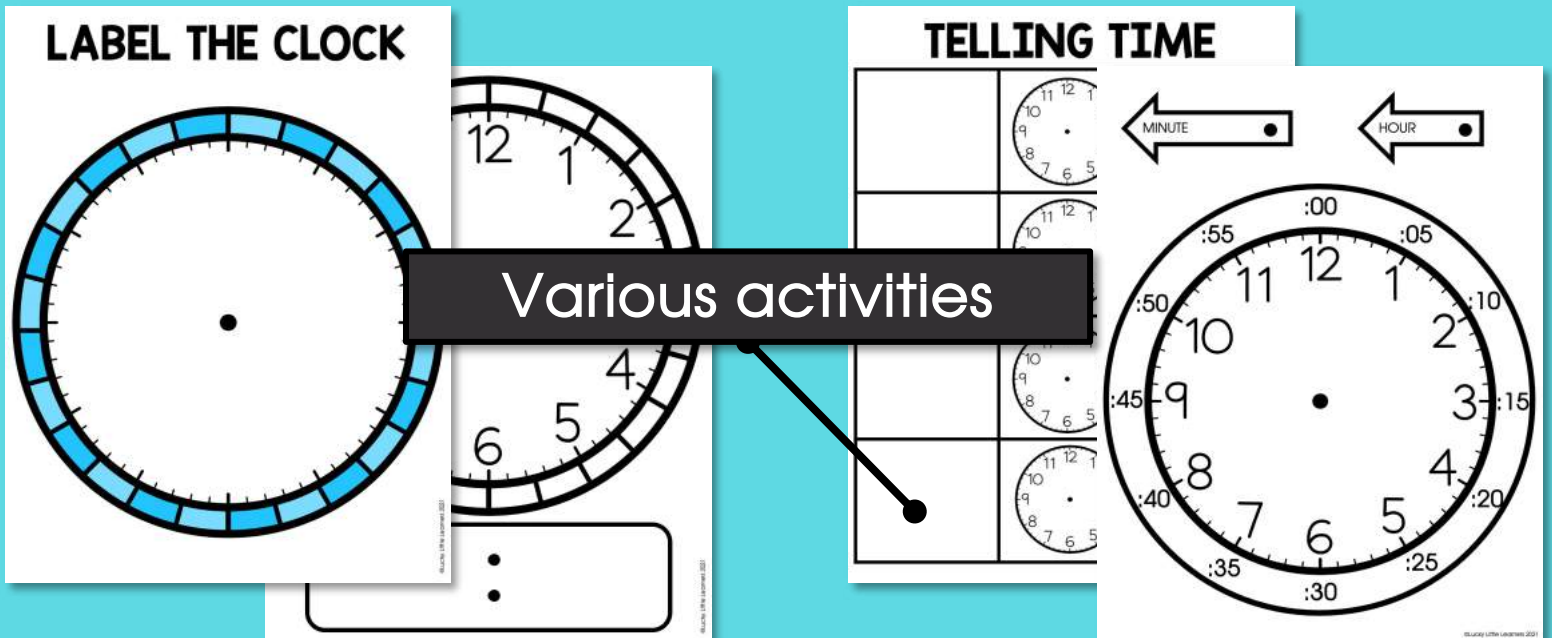




TELLING TIME FOLDER



Folders,
manipulatives,
& instructional
mats





TELLING TIME FOLDER

Time Cards - To The Half Hour

one o'clock	two o'clock	three o'clock
five o'clock	six o'clock	seven o'clock
nine o'clock	ten o'clock	eleven o'clock
one o'clock	two o'clock	three o'clock
five o'clock	six o'clock	seven o'clock
nine o'clock	ten o'clock	eleven o'clock

Time cards

A.M. and P.M.

24 hours in 1 day
60 seconds in 1 minute
60 minutes in 1 hour
12 hours for A.M.
12 hours for P.M.

24 hours = 1 day

DAILY EVENTS

What are you doing during different times of the day?

7:00 AM	11:30 AM
6:45 PM	8:00 PM

TIME MATCHING

DAILY EVENTS

What are you doing during different times of the day?

AM	PM
AM	PM
AM	PM

ELAPSED TIME

Elapsed time is the amount of time that passes between two events.

3:50 4:50 5:00 5:10 5:15

START TIME 3:50 END TIME 5:15 ELAPSED TIME 1 HOUR & 25 MINUTES

YOU TRY IT!

START TIME END TIME ELAPSED TIME

ELAPSED TIME

START TIME END TIME ELAPSED TIME

Time Cards - Quarter To

2:45	3:45	4:45
6:45	7:45	8:45
10:45	11:45	12:45

LABEL THE CLOCK

Instruction Cards

Four clock faces with colored borders (red, orange, green, blue) for labeling.

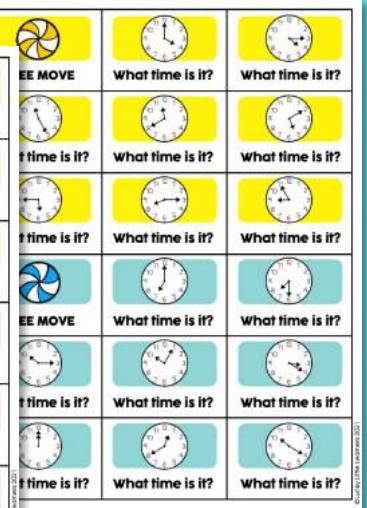


TIME ACTIVITIES



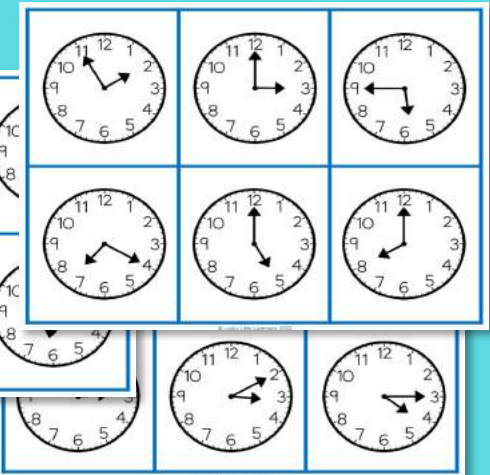
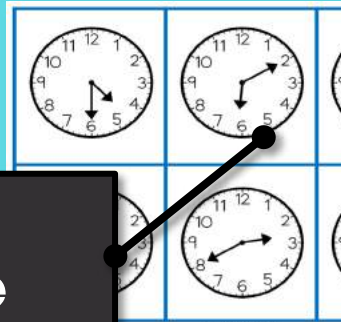
Candy City
partner game

END



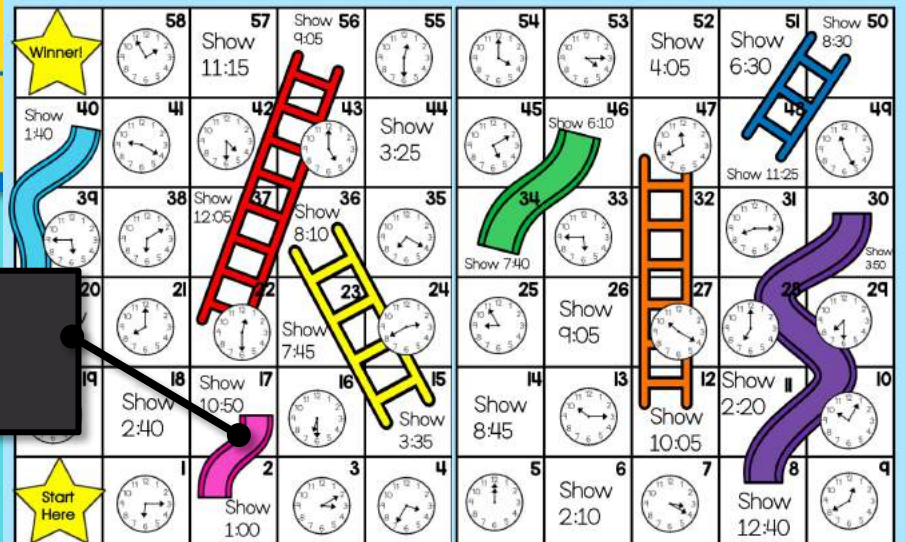
- Is it after ____ ?
- Is it before ____ ?
- Is it on the hour?
- Is it on the half hour?
- Would we be at school at this time?
- Does it end with ____ ?
- Is it around ____ ?

Take a Guess
partner game

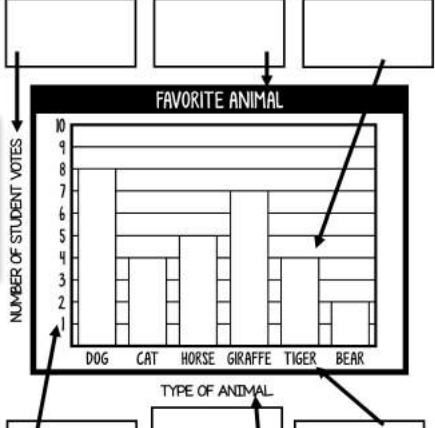


1:55	3:00	5:45	7:20	9:00	8:00
4:30	6:10	12:30	6:30	2:40	6:15
4:00	3:35	9:20	2:50	3:10	4:15
11:25	11:40	5:10	5:45	8:15	8:55

SLIDES AND LADDERS



Slides & Ladders
partner game

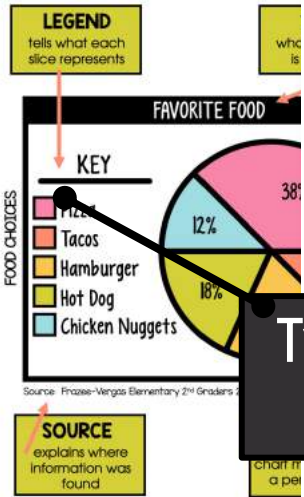


Various charts & activities

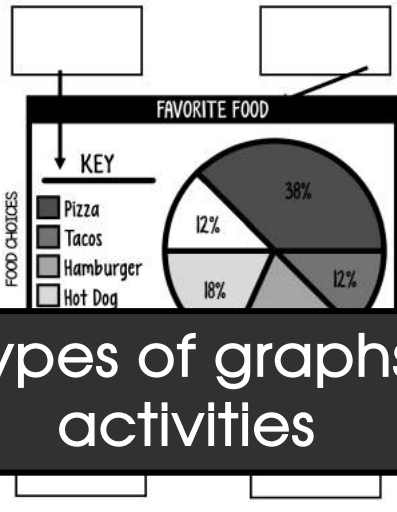


GRAPHING FOLDER

PARTS OF A PIE CHART

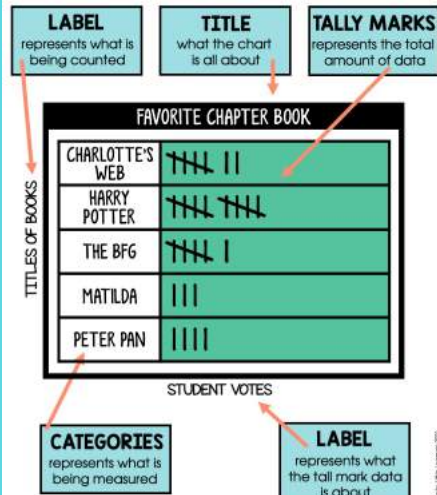


PARTS OF A PIE CHART

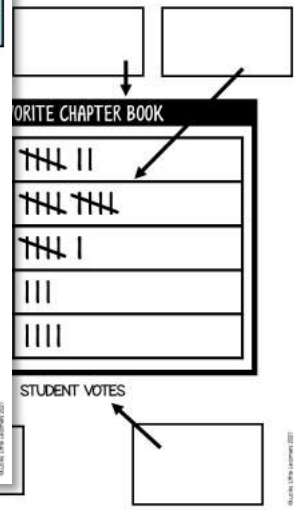


Types of graphs activities

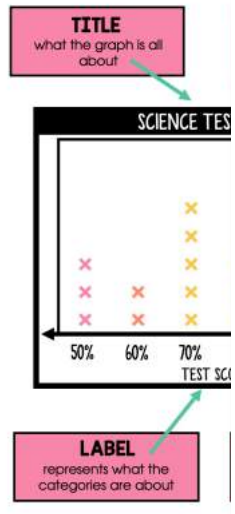
PARTS OF A TALLY CHART



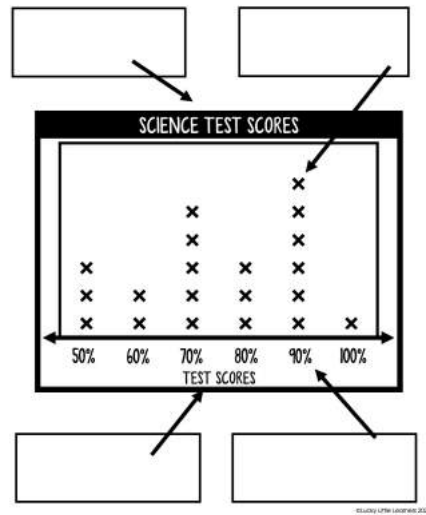
PARTS OF A TALLY CHART



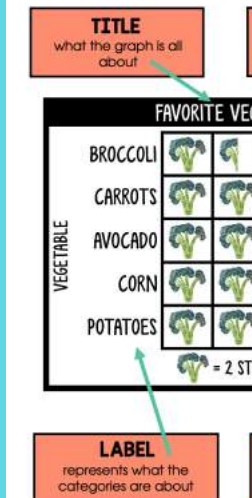
PARTS OF A PLOT GRAPH



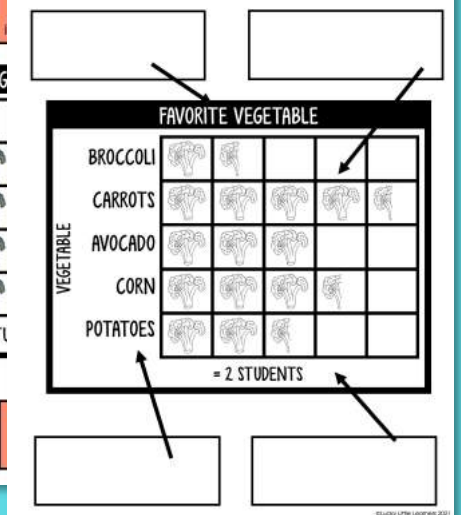
PARTS OF A PLOT GRAPH



PARTS OF A PICTURE GRAPH

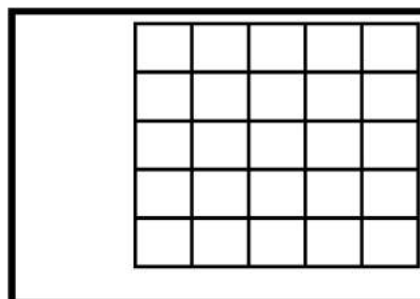


PARTS OF A PICTURE GRAPH

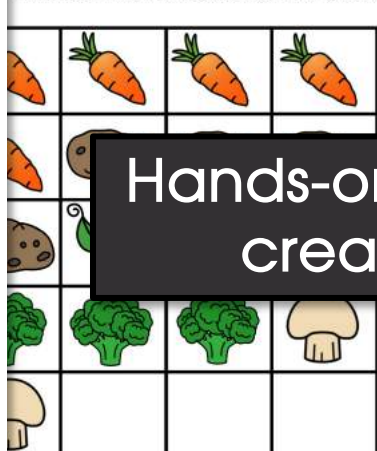


LET'S MAKE A PICTURE GRAPH

Use the vegetable cards to create a picture graph. Don't forget to include the title, symbols, label, and key.



Cards for Picture Graph
The cards on this page are for one student graph.



Hands-on graph creation

Symbols for Picture Graph



Teacher Questions for Picture Graph

1	What does each broccoli symbol stand for?
2	What is the title of this picture graph?
3	How many kinds of vegetables are shown on this picture graph?
4	Which vegetable has the most votes? How many?
5	Which vegetable has the least votes? How many?
6	Do any vegetables have the same amount of votes? Which ones?
7	How many votes did the potatoes have?
8	How many votes did the carrots and mushrooms have altogether?
9	How many more votes did the potatoes have than mushrooms?
10	How many less votes did the broccoli have than carrots?

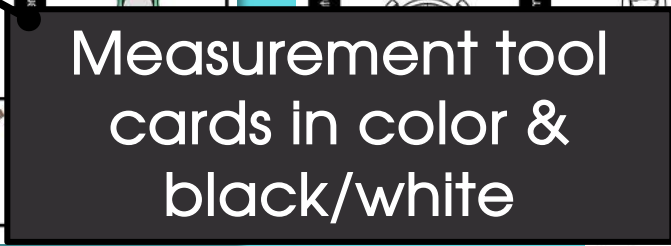


Folders,
manipulatives,
& instructional
mats

Show 9 inches.

















A horizontal ruler with markings from 1 to 12 inches. The 9-inch mark is highlighted with a thick black line.

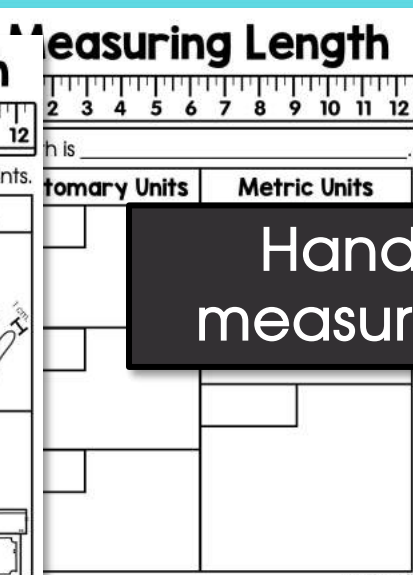


Units and Objects

TOOLS	UNITS	OBJECTS

HEAVY or LIGHT

Heavy or Light Cards	
Big Rock 	Feather 
Car 	Eraser 
House 	Beach Ball 
Tree 	Empty Water Bottle 
Cow 	Empty Lunch Bag 
Bookcase 	Piece of Paper 
Couch 	Clothespin 



Measure ^{TL}


Measurement Tool _____

Object	Estimate

Measurement Sort

LENGTH	WEIGHT	CAPACITY

Hands-on Measurement





GEOMETRY FOLDER

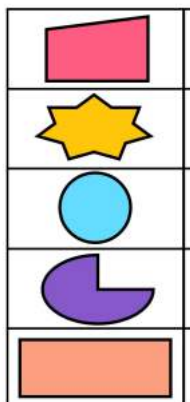
Folder,
manipulatives,
& instructional
mats



Shape Attributes

Choose 2 shape cards and the below for each shape.

Name	Name
2D or 3D	2D or 3D
# of Sides or Edges	# of Sides or Edges
# of Corners or Vertices	# of Corners or Vertices
# of Faces	# of Faces
# of Angles	# of Angles



Rectangle Rows & Columns

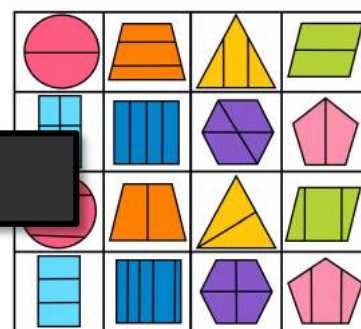
Let's Sort

Sphere	Cylinder
Cube	Cone
Pyramid	

Let's Discuss:

1. Can you partition the rectangle into columns? How many smaller rectangles?
2. Can you partition the rectangle into rows? How many smaller rectangles?
3. Can you partition the rectangle into columns? How many smaller rectangles?
4. Can you partition the rectangle into rows? How many smaller rectangles?

Various mats

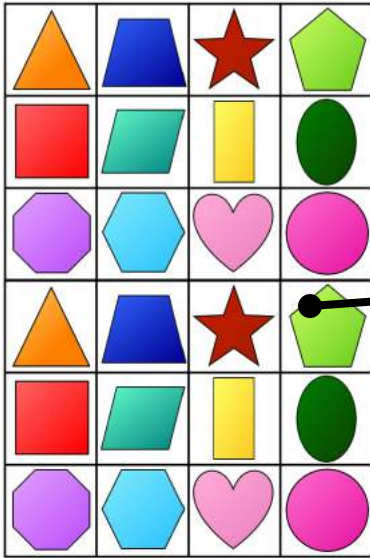




GEOMETRY FOLDER

2D Shape Cards

2D Shape Cards



Composing Shapes

Use pattern blocks to create new shapes.



Build a HEXAGON
Use 3 triangles, 5 trapezoids, and 1 hexagon



Build a TRAPEZOID
Use 3 triangles



Build a TRIANGLE
Use 3 triangles

Color and
black & white
versions

Shape Parts

EQUAL

NOT EQUAL

Shape Partitions

Materials:

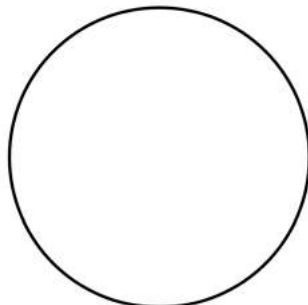
Partition Mat
Dry Erase Marker

How to Use:

Student follows the prompts at the Partition Mat. Student uses a dry erase marker to partition(s). Teacher asks the student of the shape. Teacher needs to give the student words and phrases like quarters, half of, fourth of, and quarter.

Partition a Circle

1st Grade



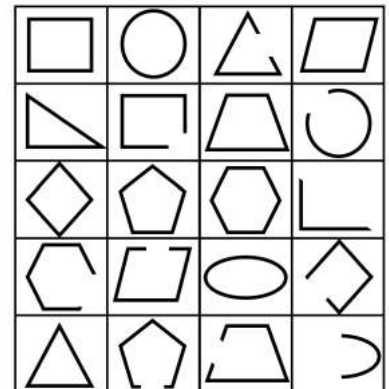
Let's Discuss:

1. Can you partition the circle into two equal shares?
2. Can you describe the shares of the circle?
3. Can you partition the circle into four equal shares?
4. Can you describe the shares of the circle?

Open & Closed Shapes

OPEN

Open & Closed Shape Cards



Symmetrical Shapes

SYMMETRICAL

NOT SYMMETRICAL

Composing Shapes

Use pattern blocks to create new shapes.



Build a HEXAGON
Use 3 triangles, 5 trapezoids, and 1 hexagon



Build a TRAPEZOID
Use 3 triangles



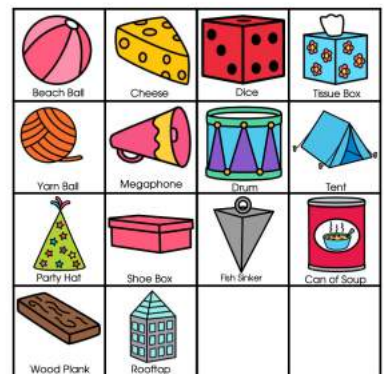
Build a TRIANGLE
Use 3 triangles and 1 hexagon



Build a RHOMBUS
Use 4 rhombuses

Instructional mats

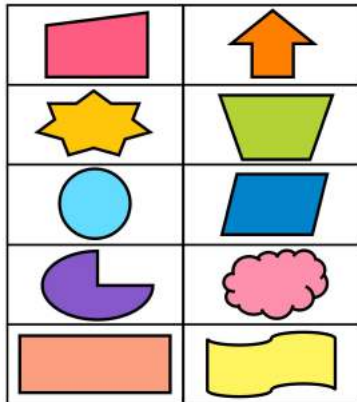
Let's Sort Cards



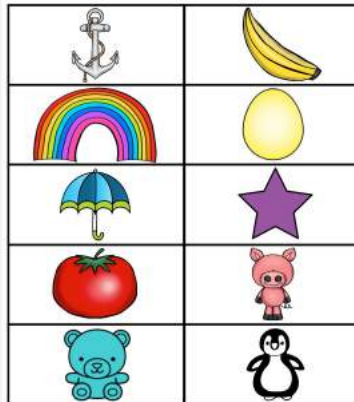


GEOMETRY FOLDER

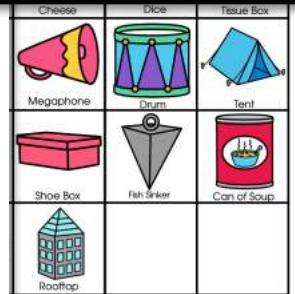
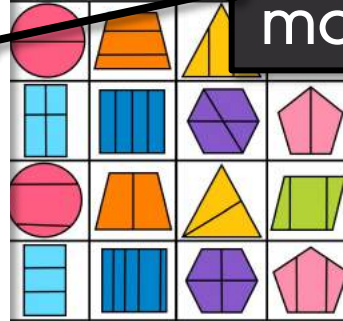
Symmetrical Shape Cards



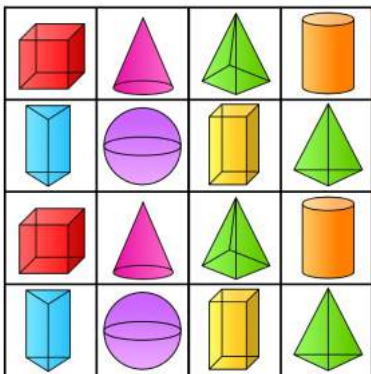
Symmetrical Shape Cards



Printable manipulatives

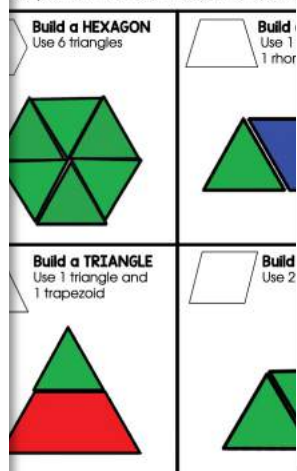


3D Shape Cards

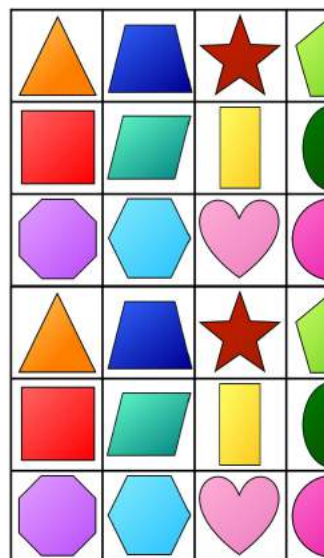


Composing Shapes

Use pattern blocks to create new shapes.

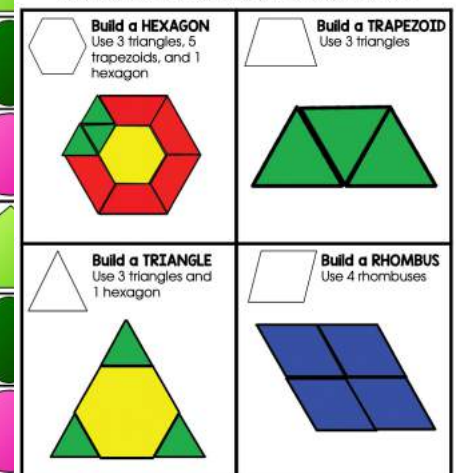


2D Shape Cards

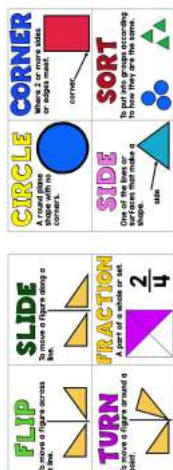
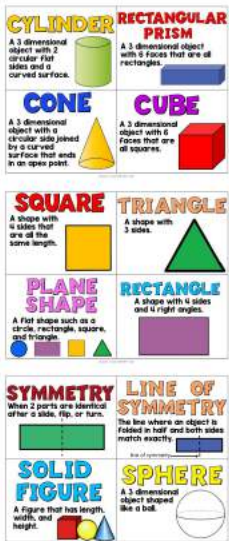


Composing Shapes

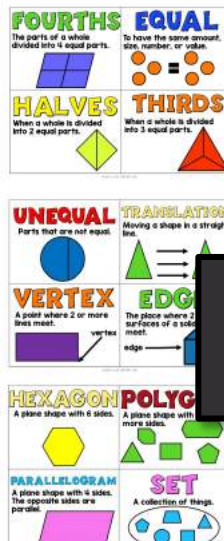
Use pattern blocks to create new shapes.



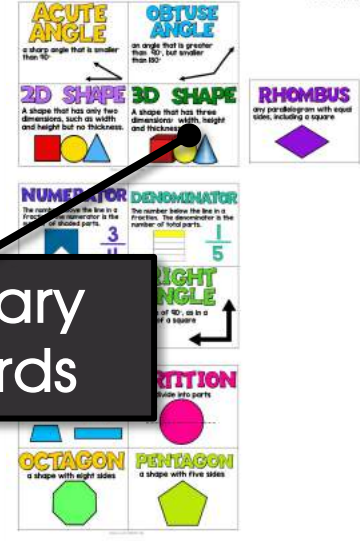
VOCABULARY CARDS



VOCABULARY CARDS



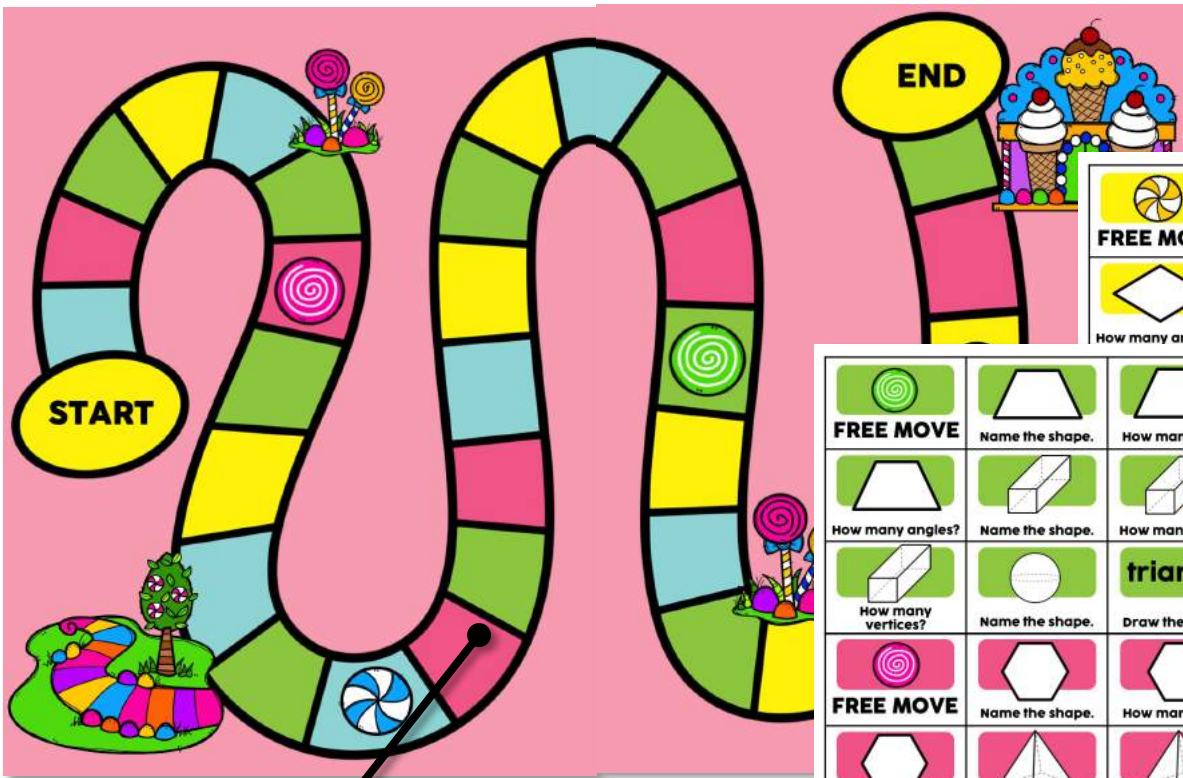
VOCABULARY CARDS



Vocabulary word cards



GEOMETRY ACTIVITIES



FREE MOVE	Name the shape.	How many sides?
How many angles?	Name the shape.	How many faces?

FREE MOVE	Name the shape.	How many sides?
How many angles?	Name the shape.	How many faces?
		triangle
How many vertices?	Name the shape.	Draw the shape.
FREE MOVE	Name the shape.	How many sides?
How many angles?	Name the shape.	How many faces?
		square
How many vertices?	Name the shape.	Draw the shape.

	circle
Name the shape.	Draw the shape.
Name the shape.	How many sides?
Name the shape.	How many faces?
	rectangle
Name the shape.	Draw the shape.

Candy City partner game

SLIDES AND LADDERS

 Winner!	Name the shape. 58	How many sides? 57	How many equal parts? 56	How many faces? 55	How many vertices? 54	Name the shape. 53	How many sides? 52	How many equal parts? 51	How many faces? 50
How many vertices? 40	How many equal parts? 41	Name the shape. 42	How many sides? 43	How many faces? 44	How many vertices? 45	How many equal parts? 46	Name the shape. 47	How many sides? 48	How many faces? 49
How many equal parts? 39	How many sides? 38	Name the shape. 37	Name the shape. 36	How many angles? 35	How many equal parts? 34	How many sides? 33	Name the shape. 32	Name the shape. 31	How many angles? 30
How many equal parts? 29	How many sides? 28	Name the shape. 27	Name the shape. 26	How many vertices? 25	How many equal parts? 24	How many faces? 23	Name the shape. 22	Name the shape. 21	How many sides? 20
Name the shape. 19	How many faces? 18	How many sides? 17	How many angles? 16	How many vertices? 15	Name the shape. 14	How many equal parts? 13	Name the shape. 12	How many angles? 11	How many sides? 10
Start Here	Name the shape. 1	How many faces? 2	How many sides? 3	How many sides? 4	How many vertices? 5	Name the shape. 6	How many vertices? 7	How many faces? 8	How many sides? 9

Slides & Ladders partner game

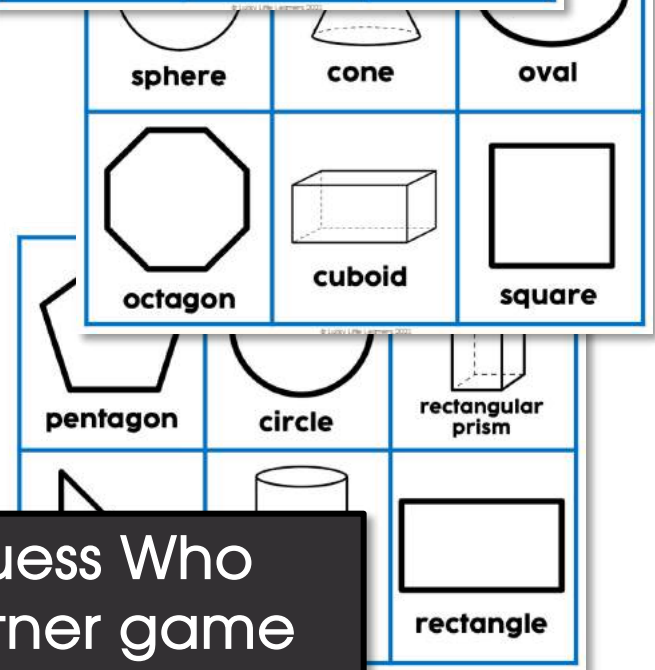
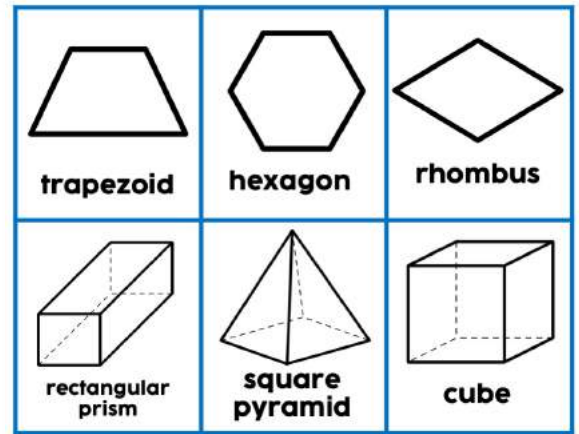
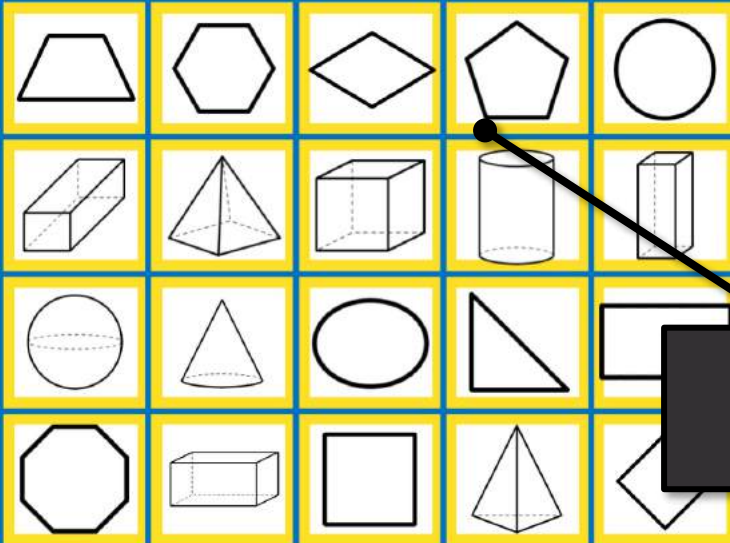
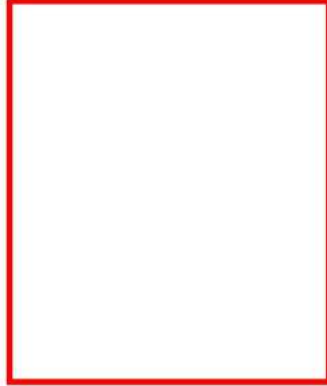


GEOMETRY ACTIVITIES

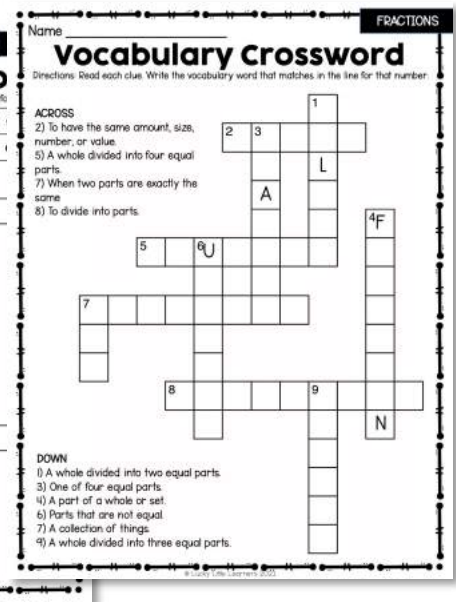
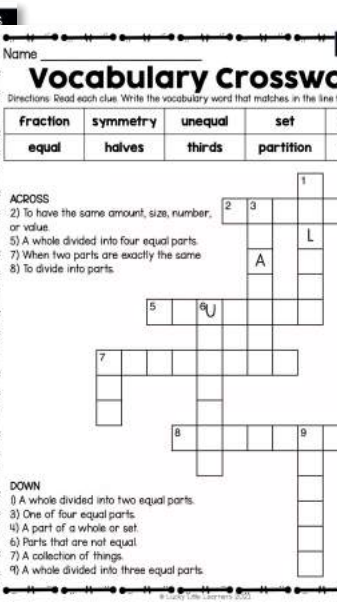
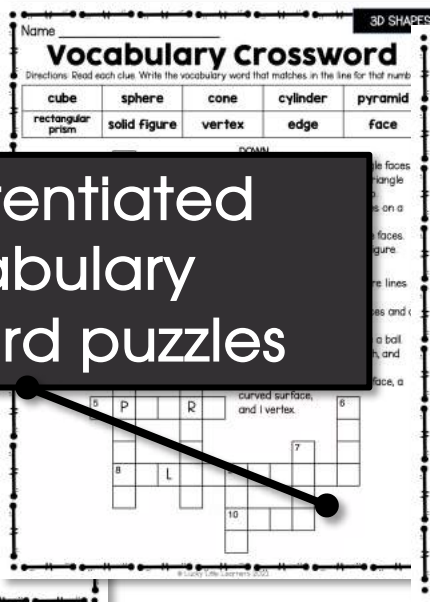
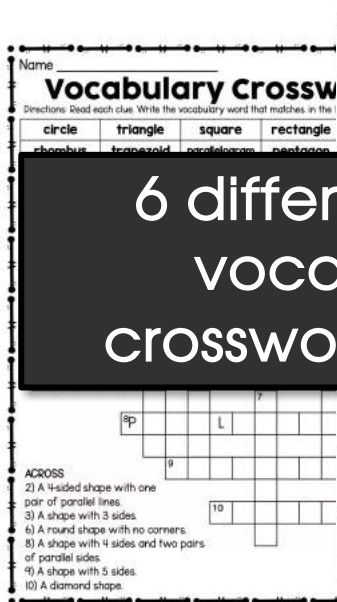
Take a Guess

Sample Questions: Place card here:

- Is it 2D?
- Is it a solid figure?
- Does it have ____ sides?
- Does it have ____ angles?
- Does it have a flat surface?



Guess Who partner game



6 differentiated vocabulary crossword puzzles

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About the Author

Angie Olson has many years of classroom experience teaching grades kindergarten, first, and second grade. She earned her master's degree in mathematics and has presented for a variety of conferences at the national, state, and local levels. Over the years, Angie has employed teachers to help with Lucky Little Learners. She is proud of her talented team who strives to support the teaching community with her. Lucky Little Learners has created over 400 resources and is one of the top primary sellers on Teachers Pay Teachers.



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