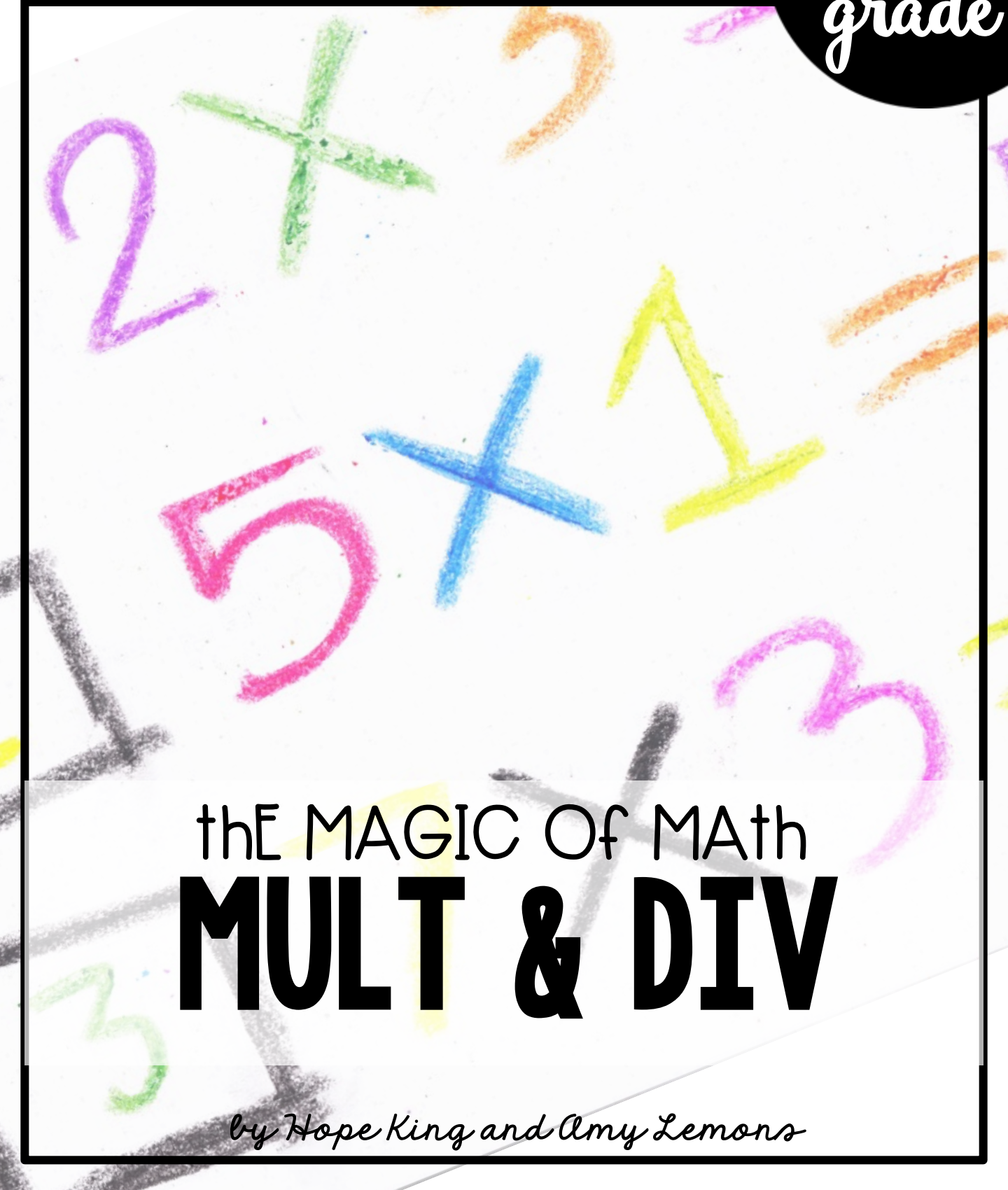
20 Days of Lesson Plans and Activities

2ND grade



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MULT & DIV

by Hope King and Amy Lemons

MULT & DIV
OVERVIEW

	FOCUS	STANDARD
WEEK 1	Multiplication Situations Making Equal Groups	TEKS: 2.6A, 2.7A, CC: 2.OA.C.4, 2.NBT.A.2
WEEK 2	Multiplication Situations Arrays	TEKS: 2.6A, 2.7A, CC: 2.OA.C.4, 2.NBT.A.2
WEEK 3	Division: Separating into Equal Groups	TEKS: 2.6B CC: 2.NBT.A.2
WEEK 4	Multiplication and Division Word Problems	TEKS: 2.6AB, 2.7A, CC: 2.OA.C.4, 2.NBT.A.2

DAILY LESSON PLANS

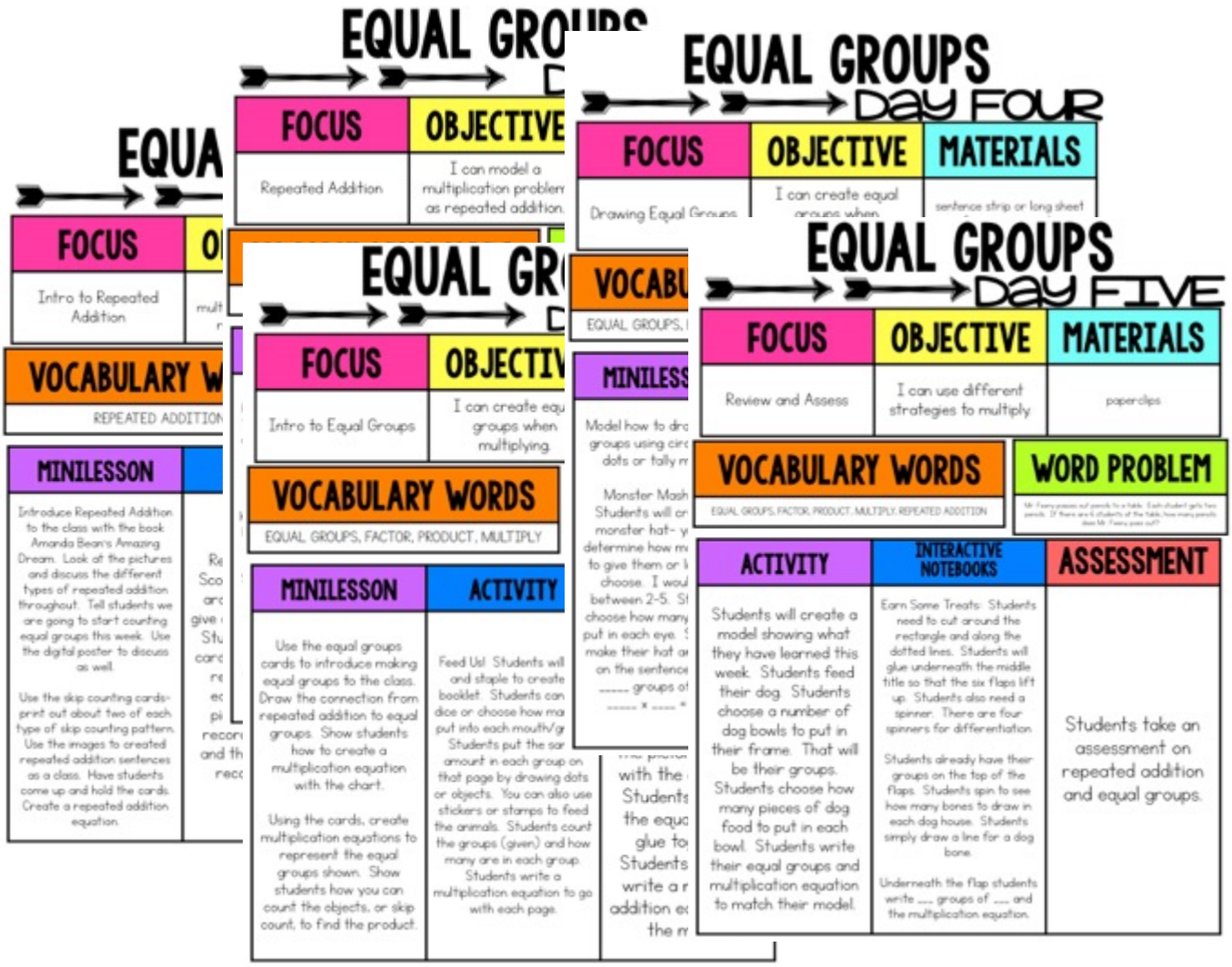
-20 Days of Lesson Plans for:

Week 1: Multiplication Situations- Making Equal Groups

Week 2: Multiplication Situations- Arrays

Week 3: Division

Week 4: Word Problems



DAILY WORD PROBLEMS

20 Word Problems that fit the skills included

WORD PROBLEM- DAY ONE

There are 10 children running around the park. Each child has two feet. How many feet are running around the park?

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WORD PROBLEM- DAY TWO

three bags of marbles. Each bag has in it. How many marbles does Corey have in all?

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PROBLEM- DAY THREE

to have a party. She wants each 3 party favors. If she invites 5 any party favors will she need?

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Mr. Feeny passes out pencils to a table. Each student gets two pencils. If there are 6 students at the table, how many pencils does Mr. Feeny pass out?

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Shawn is making a sticker book. Each page has 4 stickers on it. If the book has 3 pages, how many stickers does Shawn have?

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QUICK ASSESSMENTS

MULTIPLICATION

Name: _____

1. Which repeated addition sentence matches the picture below? Answer the equation.

a. 3 + 3 + 3
b. 4 + 3 + 4 + 3
c. 4 + 4 + 4

2. There are two cookie jars. Each cookie jar has 7 cookies in it. How many cookies are there total?

a. 2
b.
c.

5. Which multiplication ec
matches the pictures?

a. 4 x 6 = 30
b. 5 x 5 = 25
c. 5 x 6 = 25
d. 5 x 6 = 30

6. There were 6 bugs. E
had 2 spots. How many sp
there total?

3.
eq

a.
b.

4.
gr
a.
b.

MULTIPLICATION: ARRAYS

Name: _____

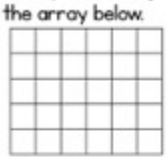
1. Which repeated addition sentence matches the array?

a. 5 + 5 + 5
b. 5 + 3
c. 3 + 3 + 3 + 3

2. Hannah plants a garden that has 4 rows of flowers. Each row has 4 flowers in it. How

D
a.

4. Which multiplication equation matches the array below.



a. 5 x 5 =25
b. 5 x 6 = 30
c. 6 x 5 = 35
d. 6 x 6 = 36

5. The teacher asks her students

DIVISION

Name: _____

1. What is the answer to a division called?

a. dividend
b. quotient
c. product

2. What does it mean to divide?

a. add up equal groups
b. separate into two parts
c. splitting into equal groups or parts

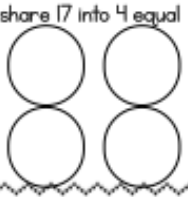
3. Solve the problems. Draw models if needed.

10 ÷ 5 = _____

21 ÷ 7 = _____

4. Can I share 17 into 4 equal groups?

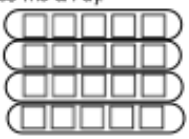
a. yes
b. no



5. Illustrate the equation. The
solve. 16 ÷ 4.

a. 3
b. 4
c. 16
d. 8

6. Circle the division equation
matches the array.



a. 20 ÷ 5 = 4
b. 16 ÷ 4 = 4
c. 12 ÷ 3 = 4

8. Write two ways to divide
equal groups.

WORD PROBLEM
quick check

AT RACHELLE'S BIRTHDAY PARTY, HER MOTHER GAVE 6 CANDIES TO EACH CHILD. IF FIVE PEOPLE CAME TO THE PARTY, HOW MANY CANDIES DID HER MOM GIVE OUT?	BEN WAS PLAYING WITH HIS TOY CARS. HE HAD 36 CARS WITH 9 CARS IN EACH ROW. HOW MANY ROWS OF CARS DID BEN HAVE?
IF 2 PEOPLE HAD TO SHARE 16 SHEETS OF PAPER EQUALLY, HOW MANY SHEETS WOULD EACH PERSON GET?	MRS. JONES IS DIVIDING UP 24 FLOWERS INTO DIFFERENT VASES. IF SHE PUTS 6 FLOWERS IN EACH VASE, HOW MANY VASES WILL SHE NEED?

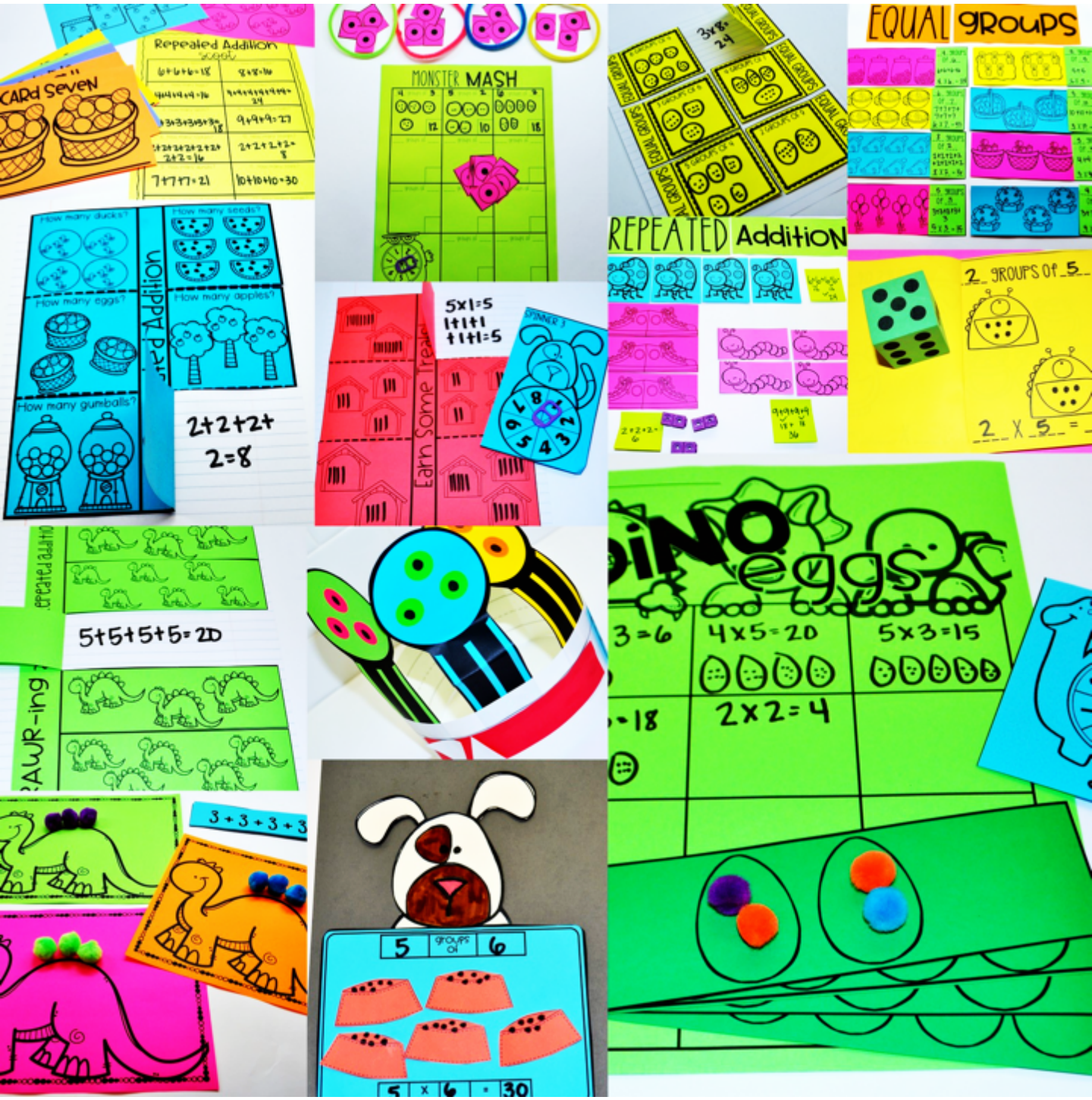
Name _____

WEEK ONE:

Multipl-ication

situations

week ONE


Repeated Addition
CARd Seven
MONSTER MASH
REPEATED Addition
EQUAL groups
2 groups of 5
2 X 5 =
How many ducks?
How many seeds?
How many eggs?
How many apples?
How many gumballs?
2+2+2+2=8
5x1=5
tititi
tititi=5
Earn Some Treats
5+5+5+5=20
3+3+3+3
5 groups of 6
5 x 6 = 30
dino eggs
3=6
4x5=20
5x3=15
2x2=4

DAY 1

Minilesson: Repeated Addition Cards and Modeling

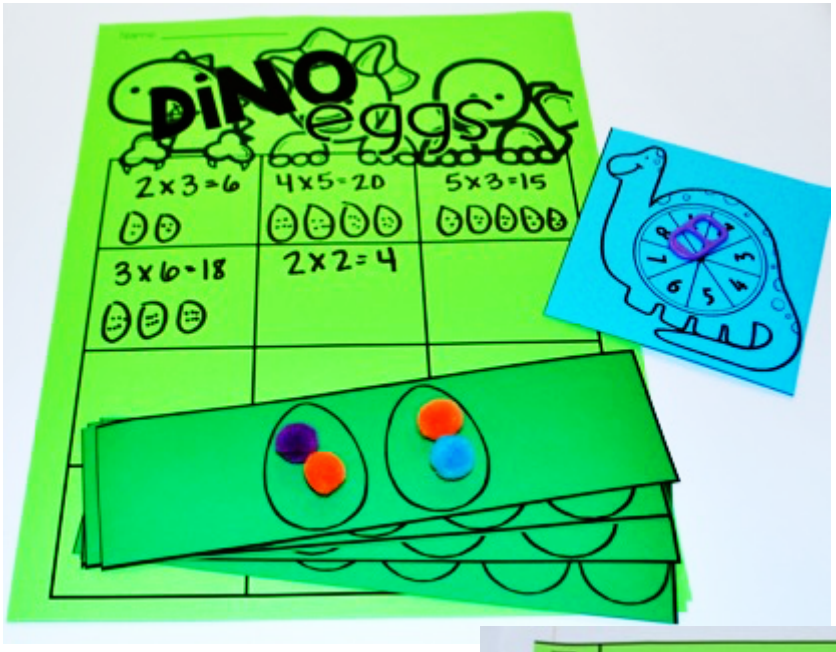
Activity: Repeated Addition Scoot

Interactive Notebooks: Repeated Addition Flap-Ups

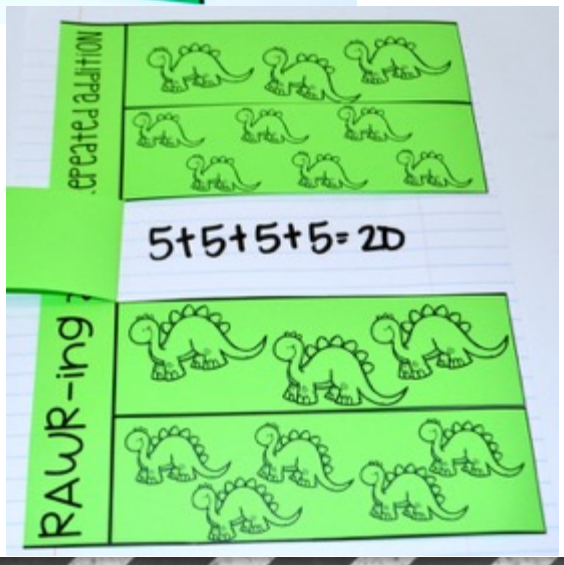
DAY 2

Minilesson: Repeated Addition Dinosaurs

Activity: Dino Eggs

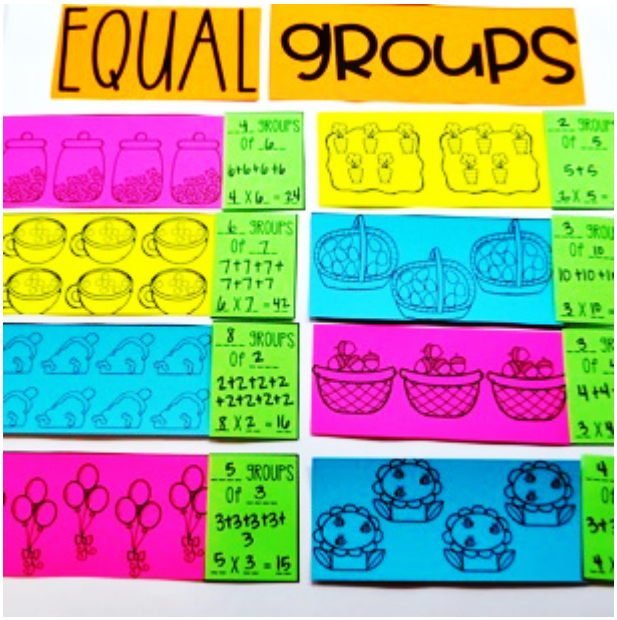


Interactive Notebooks: Rawring About Repeated Addition

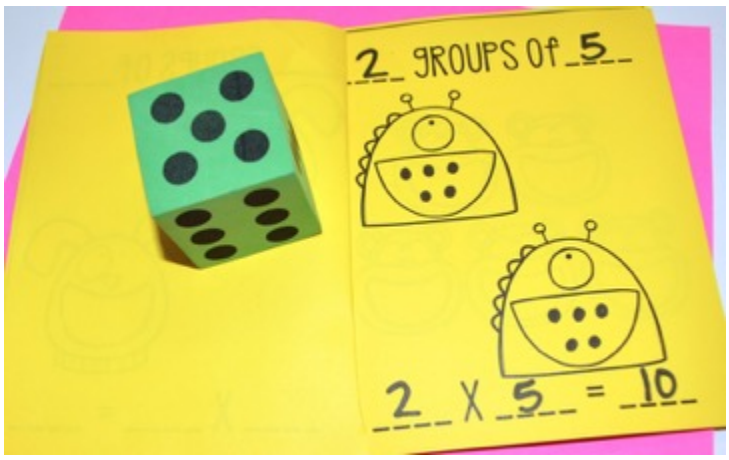


DAY 3

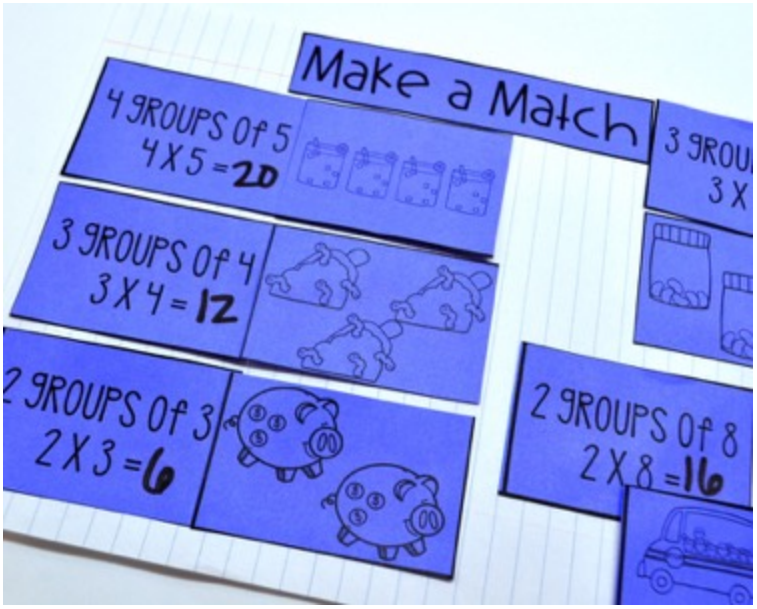
Minilesson: Equal Groups Cards and Modeling



Activity: Feed Us Booklet



Interactive Notebooks: Make a Match!

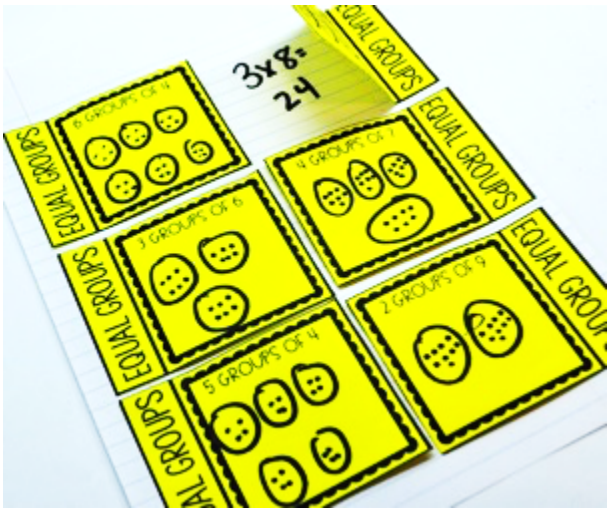


DAY 4

Minilesson: Drawing Equal Groups and Monster Hat

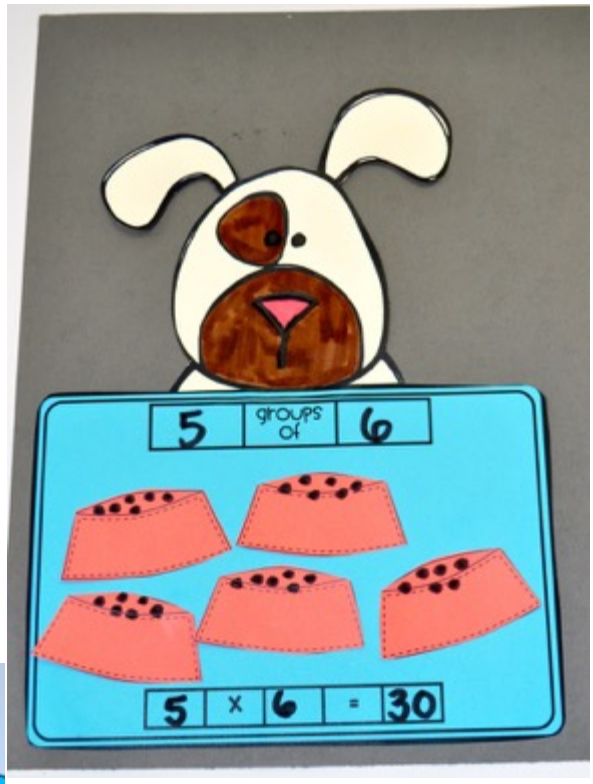
Activity: Monster Mash

Interactive Notebooks: Equal Groups Flap Ups

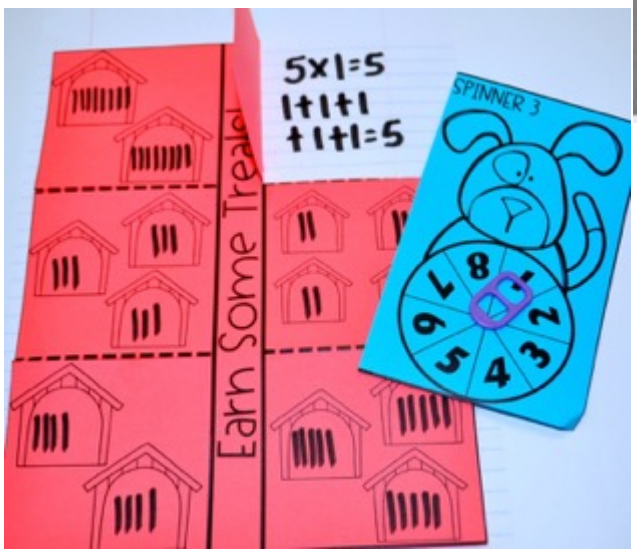


DAY 5

Activity: Feed the Dog Model



Interactive Notebook: Earn Some Treats!



Assessment

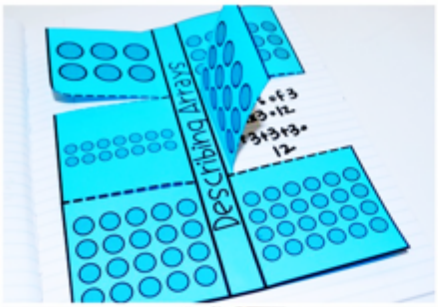
WEEK TWO:

MULTIPL-ICATION

with arrays

week two

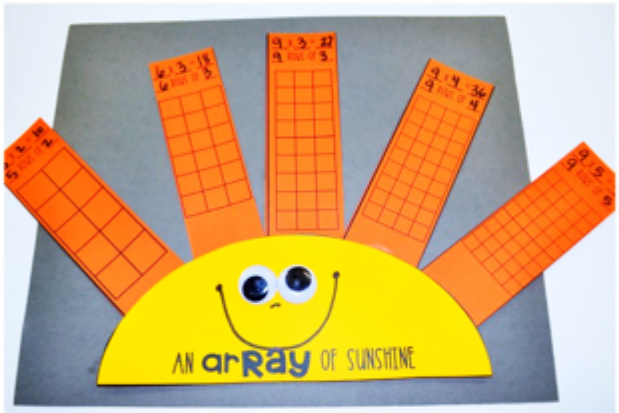

MAKING ARRAYS


Describing Arrays


My ARRAY has 2 rows and 4 columns.

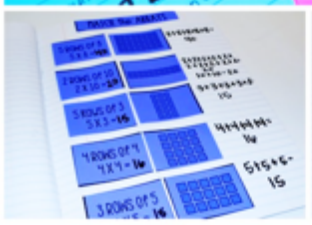

APPETIZING ARRAYS!


MAKING ARRAYS


AN arRay OF SUNSHINE


Task
MAKE
AN array
(with MARKERS)
Task
MAKE
array
CANDY


AWESOME arrays
I have 2 rows with 5 columns
2x5=10
5+5=10

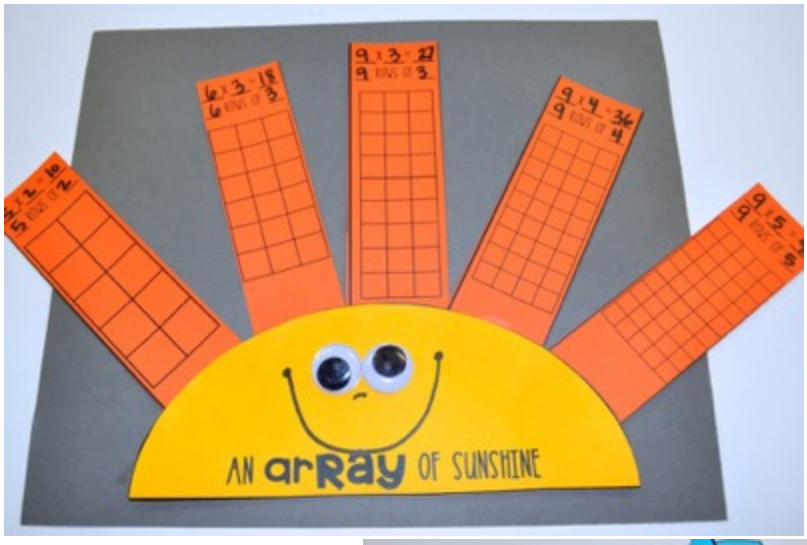



Create

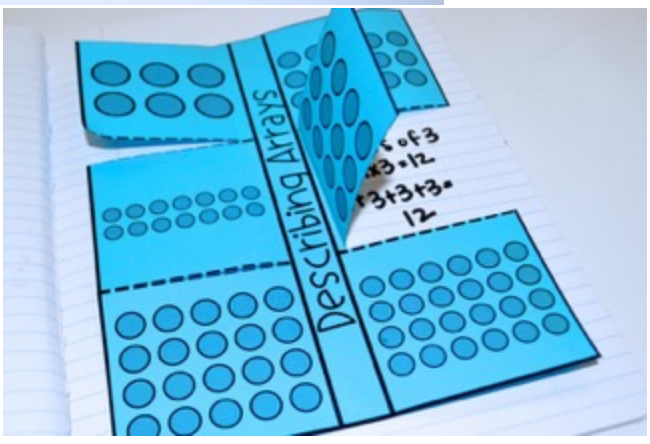
DAY 1

Minilesson: Making Arrays Chart

Activity: An Array of Sunshine



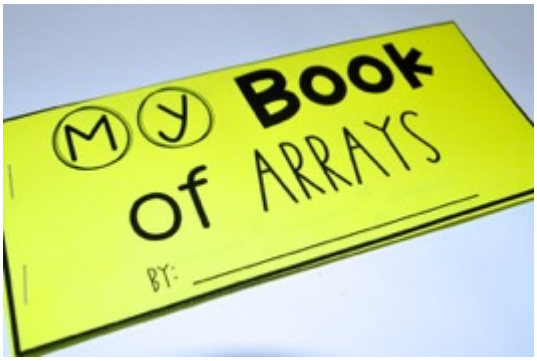
Interactive Notebooks: Describing Arrays

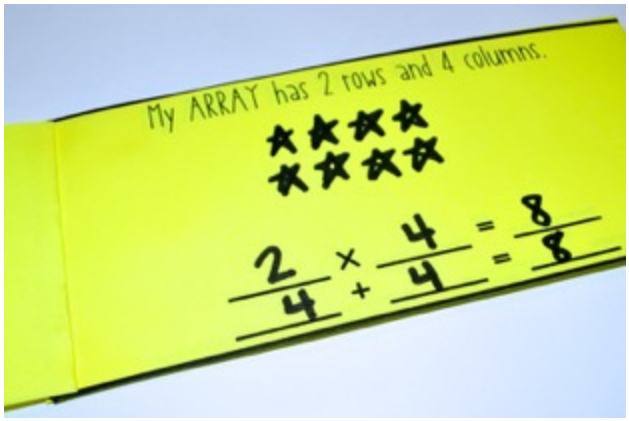


DAY 2

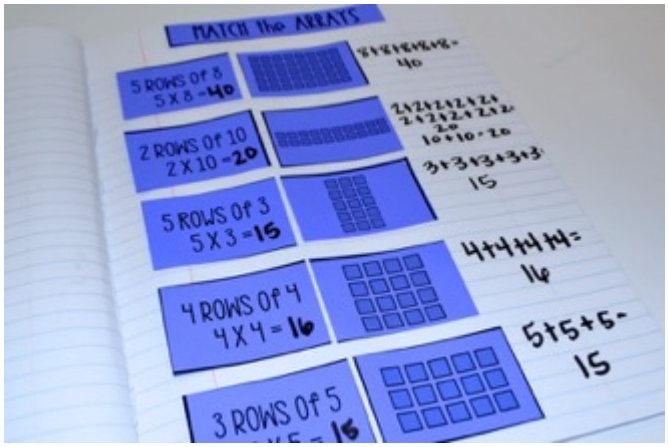
Minilesson: Drawing Arrays

Activity: My Book of Arrays





Interactive Notebooks: Match the Arrays

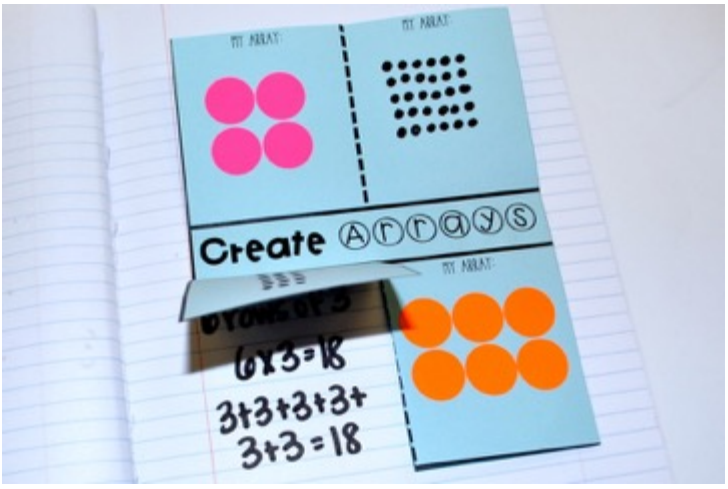


DAY 3

Minilesson: Awesome Array Pennant Banner

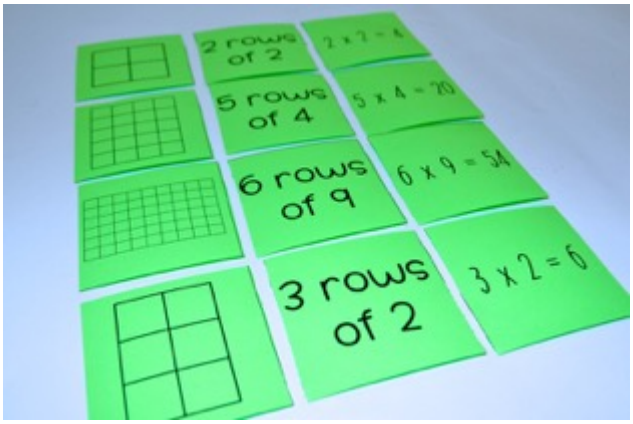
Activity: Appetizing Arrays

Interactive Notebooks: Creating Arrays

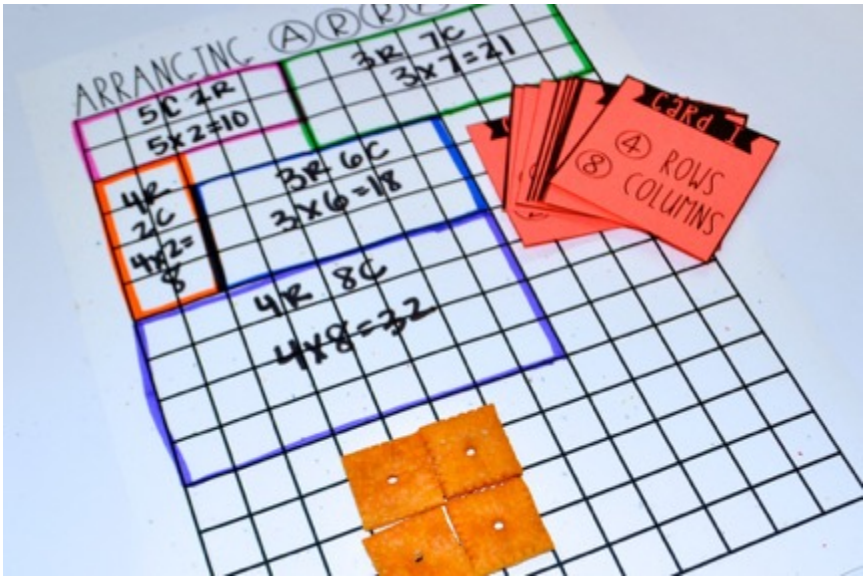


DAY 4

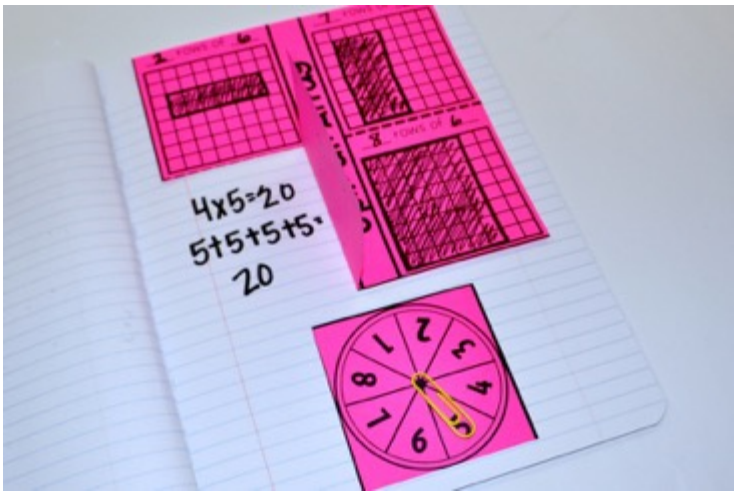
Minilesson: Silent Whole Group Matching Game



Activity: Arranging Arrays

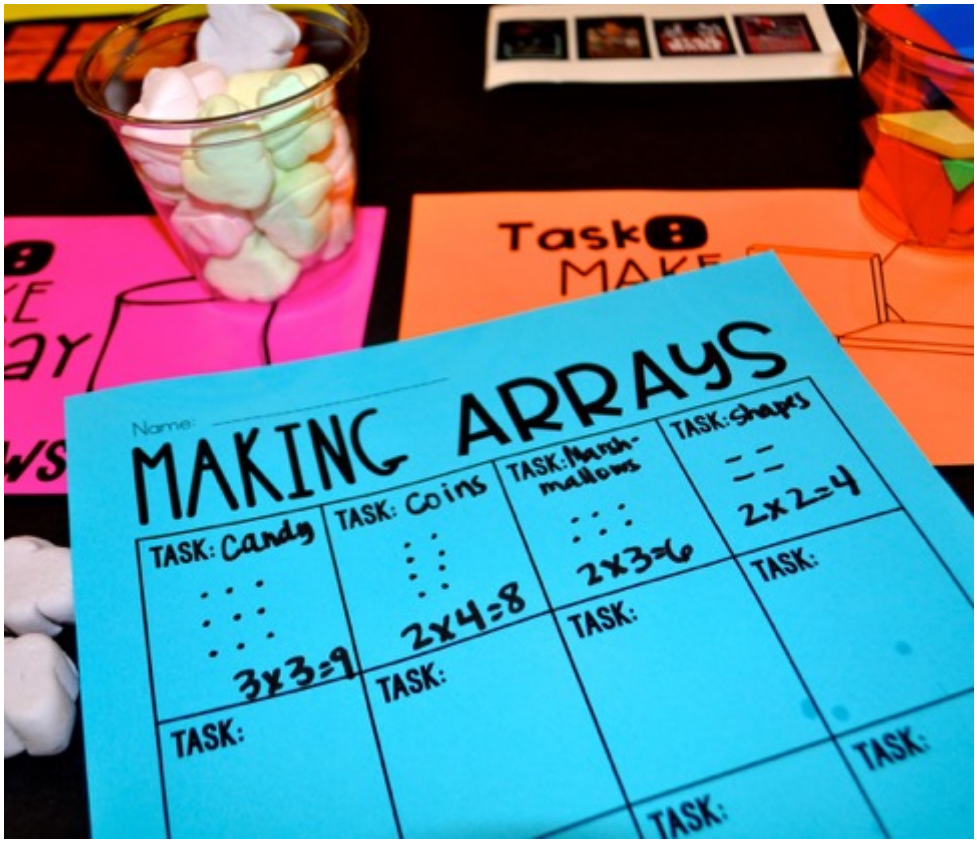


Interactive Notebooks: Spin an Array



DAY 5

Activity: Creating Arrays



WEEK THREE:

division

with equal groups

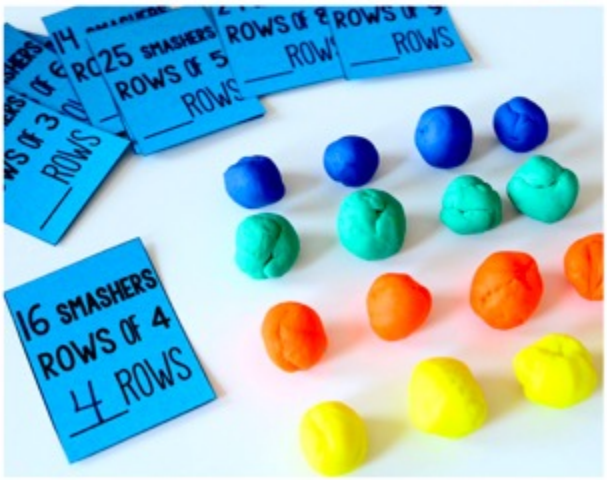
WEEK THREE


NOPE!
I CAN'T SHARE EVENLY!
YES!
I CAN SHARE EVENLY!
24


JURASSIC SAFARI
DINO
32 ÷ 4 =


18 ÷ 6 =
BURSTING DIVISION!
21 ÷ 3 =


15 ÷ 5 =


16 SMASHERS
ROWS OF 4
4 ROWS

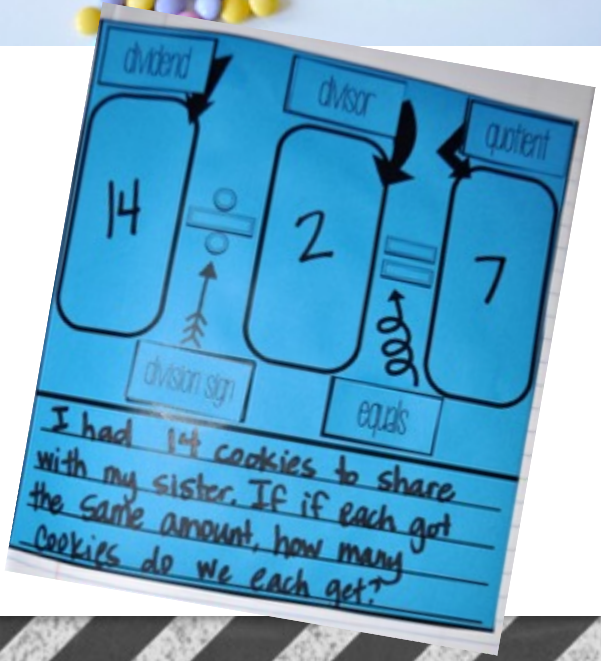

HABITAT 4
HABITAT 5
HABITAT 6

DAY ONE

Minilesson: The students are introduced to division.

Activity: The students determine if equal groups can be made with a number.

Interactive Notebooks: The students work to label the parts of a division equation.

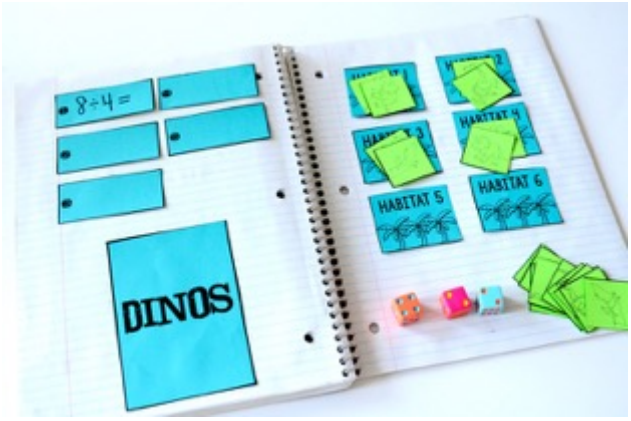


DAY TWO

Minilesson: The students work in groups to divide safari men and women equally into jeeps!

Activity: The students hunt for dino eggs and create equal groups into nests.

Interactive Notebooks: The students work to divide dinosaurs into equal groups.

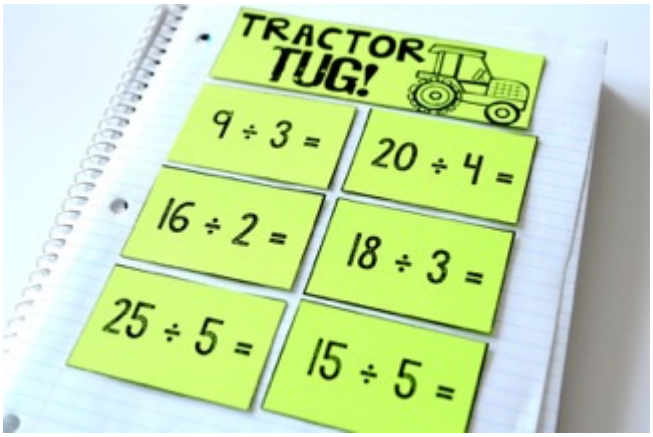


DAY THREE

Minilesson: The students are introduced to illustrating equal groups to divide while dividing animals into corrals.

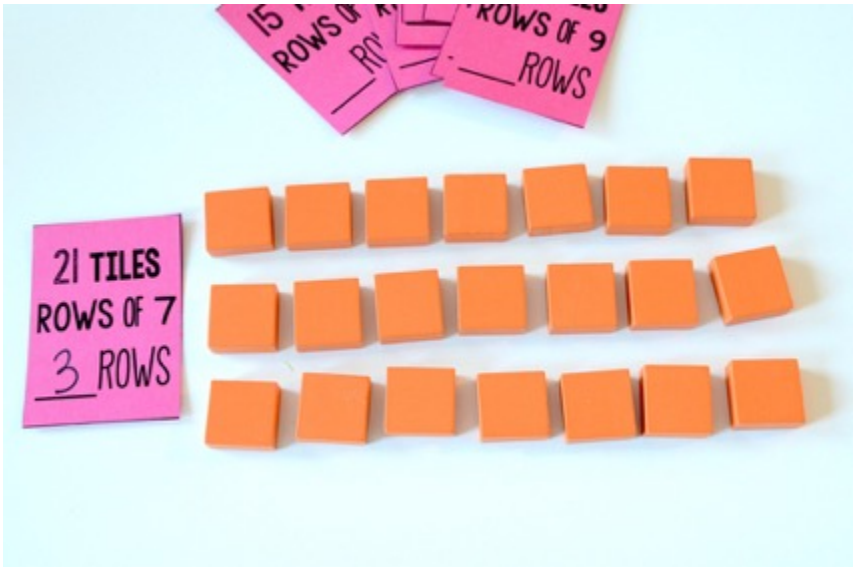
Activity: The students work to corral the cows into equal groups and illustrate their models.

Interactive Notebooks: The students use illustrations to solve division equations.



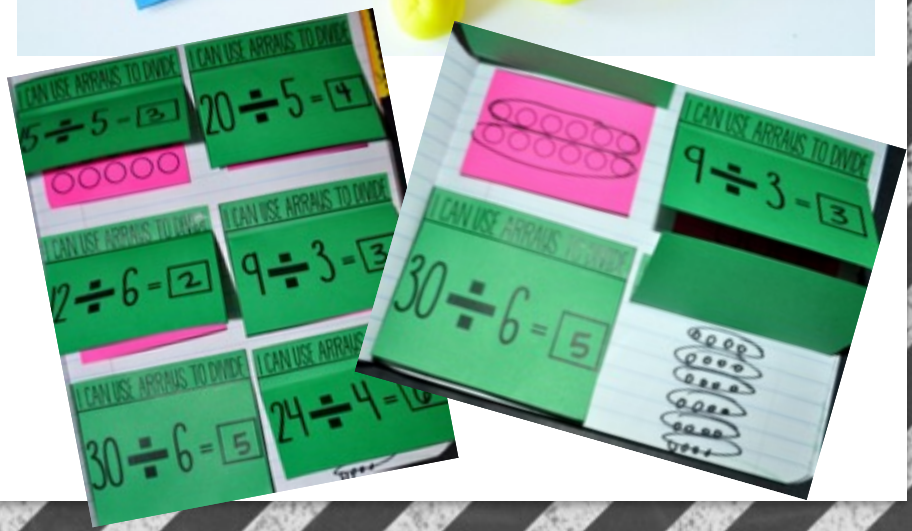
DAY FOUR

Minilesson: The students learn to construct arrays to solve division equations.



Activity: The students build smashers to demonstrate how to use arrays to solve division equations.

Interactive Notebooks: Match array to the problem and solve.

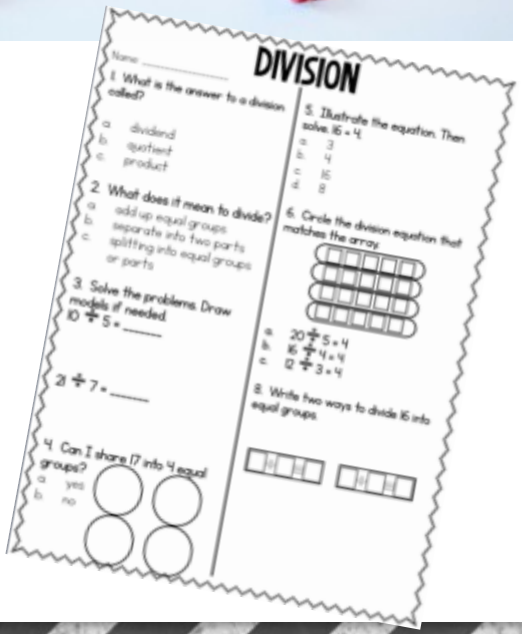


DAY Five

Minilesson: The students are introduced to illustrating arrays to solve division equations.

Activity: The students build and illustrate arrays.

Assessments: The students complete the quick check division assessment.

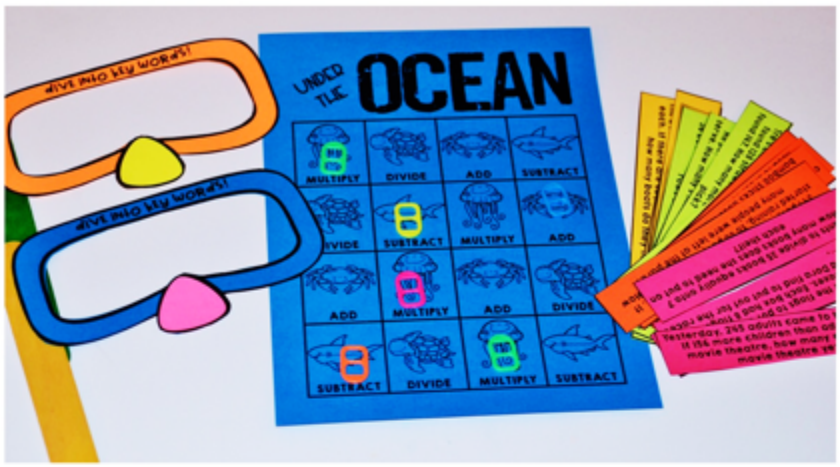


WEEK FOUR:

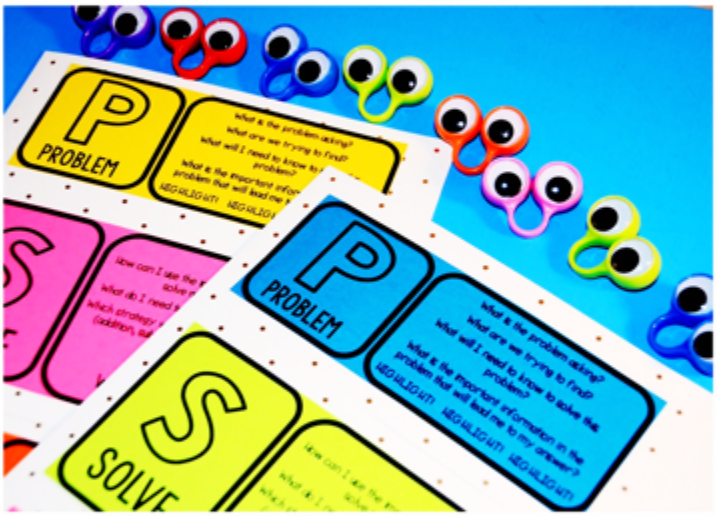
MULT & DIV

word problems

week four


dive into key words!
dive into key words!
UNDER THE OCEAN
MULTIPLY
DIVIDE
ADD
SUBTRACT


Dive
UNDER THE SEA
WITH WORD PROBLEMS
3x9=27
DIVE

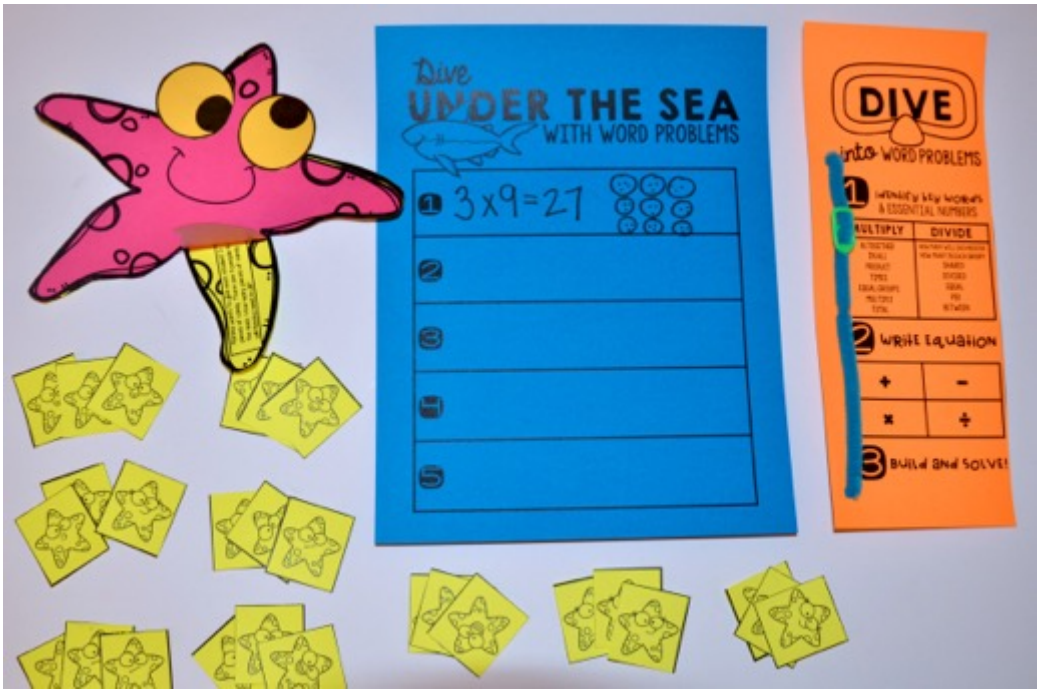

P
PROBLEM
S
SOLVE


P
PROBLEM
WORK IT OUT!
check it over!


She put 7 brownies on each dish and there are 5 dishes on the table. How many brownies did she make in all?

DAY ONE

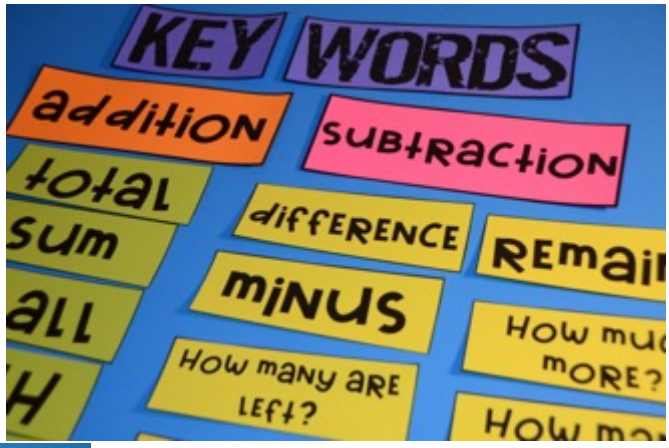
Minilesson: Dive into Word Problems



Activity: Under the Sea With Word Problems

DAY TWO

Minilesson:
Introduce key words and interpreting what the action of the problem should be (multiplication).



Activity:
Students will work to find the key words and interpret the problem. Today they will be working on solving one-step word problems.

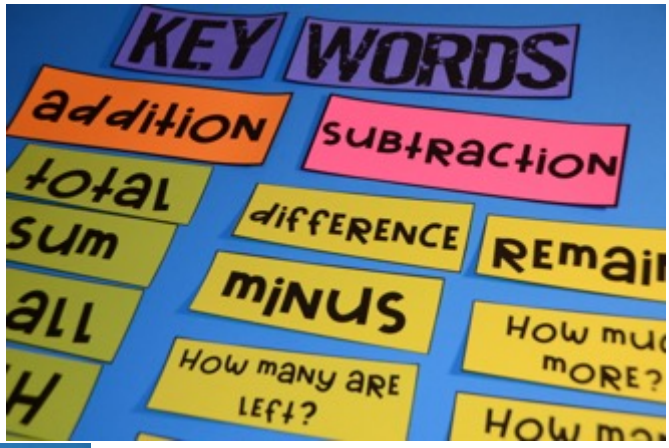
DAY THREE

Minilesson: Model the steps of solving word problems as students dive under the sea!

Activity: Students use Goldfish crackers to model word problems and solve.

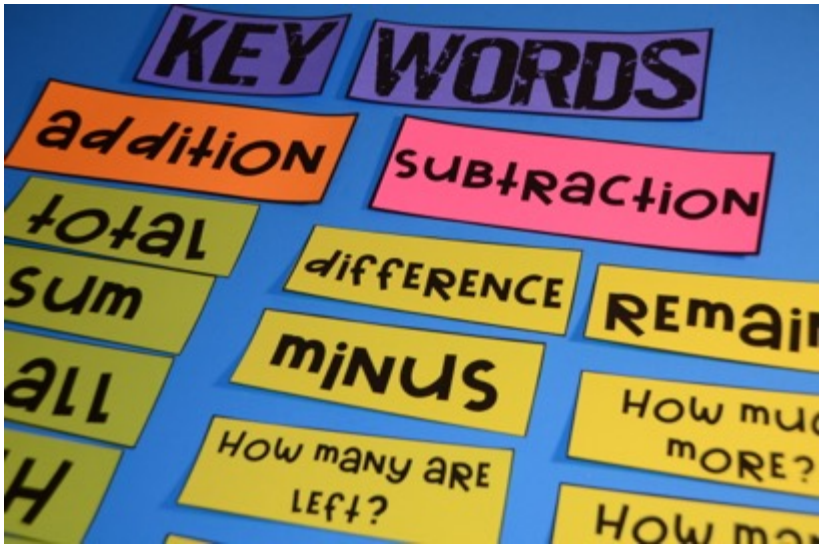
DAY FOUR

Minilesson:
Introduce key words and interpreting what the action of the problem should be (division).

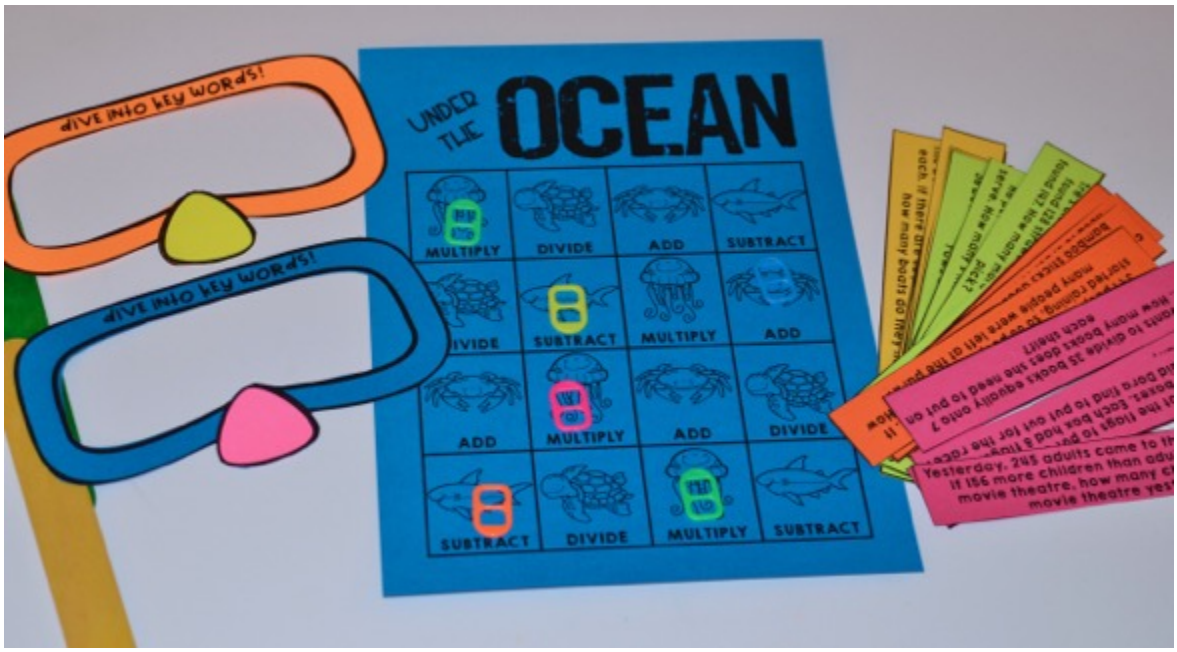


Activity:
Students will work to find the key words and interpret the problem. Today they will be working on solving one-step word problems.

DAY Five



Minilesson: Review ALL key words (can use the scuba mask key words)



Activity: Under the Ocean BINGO

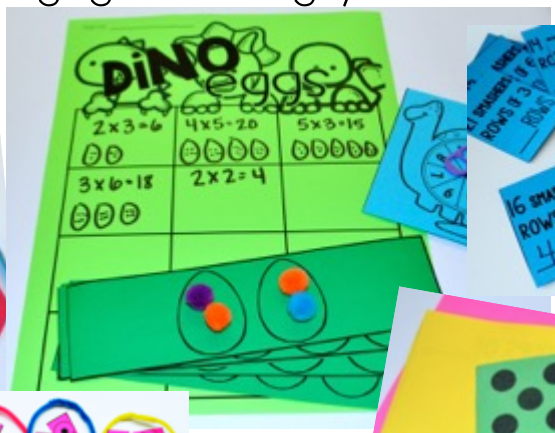
MINILESSONS

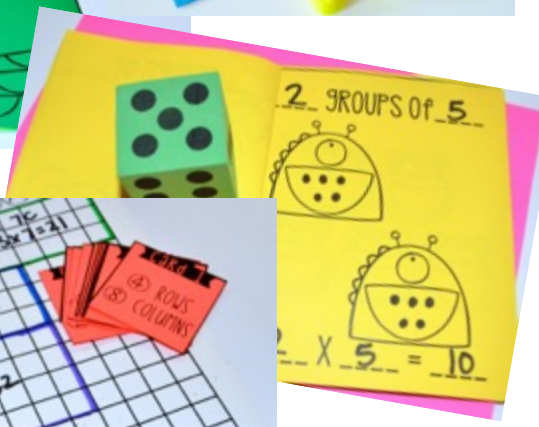
-Ideas and materials on how to teach the concepts

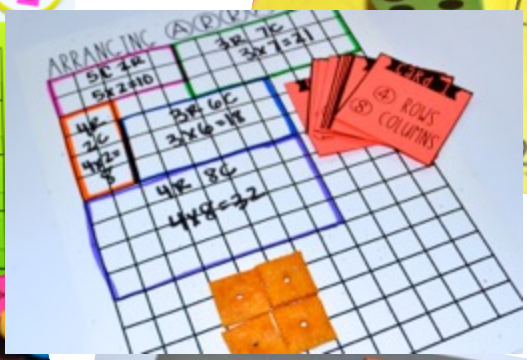
-Hands On and Fun for students

FUN ACTIVITIES

Easy to Print Activities, Games, and Fun Stuff that help students stay engaged during your math block





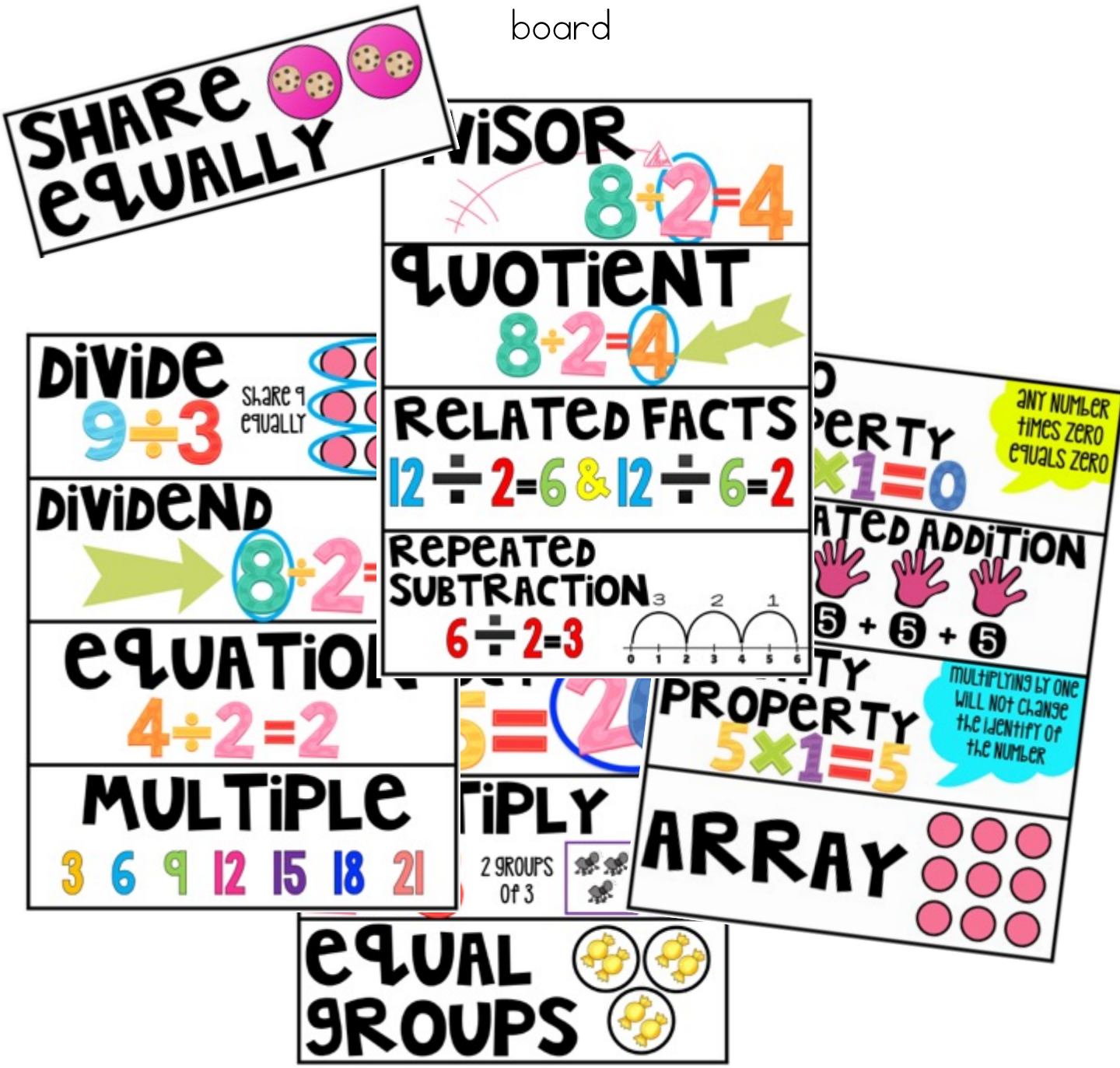


INTERACTIVE NOTEBOOKS

Activities that are easy to cut and glue into math spirals/interactive notebooks

VOCABULARY CARDS

Cards that you can display on a math word wall or bulletin board



I CAN STATEMENTS

I Can Statements can be displayed throughout the unit.