

# magic of math

## unit details

### **each unit has:**

- Daily Word Problems
- Vocabulary Cards
- I Can Statements
- Daily Lesson Plans
  - Minilessons
  - Activities
- Interactive Notebook Components
- Quick Assessments

# Unit One

## place value & rounding

### MINILESSONS

-Ideas and materials on how to teach the concepts  
-Easy to print and prep



### FUN ACTIVITIES

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



### DAILY WORD PROBLEMS

20 Word Problems that fit the skills included



### INTERACTIVE NOTEBOOKS

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

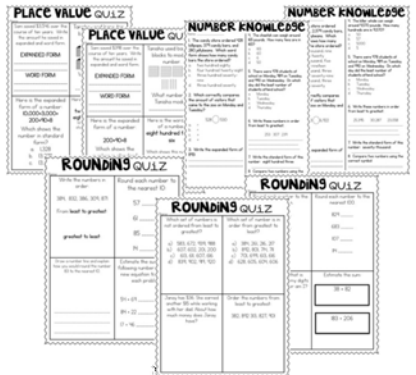


### MATH TOOLS

Printable Manipulatives that you can use for making numbers



### QUICK ASSESSMENTS



# 20 DAYS OF INSTRUCTION

# Unit Two

## addition & subtraction

### DAILY LESSON PLANS

-20 Days of Lesson Plans for:  
-STANDARDS ALIGNED to Common Core and TEKS  
-I Can Statements  
-Description of Activities

3-Digit Addition  
STANDARD OBJECTIVE MATERIALS  
3-Digit Subtraction  
STANDARD OBJECTIVE MATERIALS  
Estimate Solutions  
STANDARD OBJECTIVE MATERIALS  
I Can Statements  
STANDARD OBJECTIVE MATERIALS

### MINILESSONS

-Ideas and materials on how to teach the concepts  
-Easy to print and prep

16 + 28 + 2  
37 + 2  
ONES PLACE  
TENS PLACE  
HUNDREDS  
MULTI-DIGIT SUBTRACTION  
Break Apart  
Addends  
KEY WORDS  
SUM  
DIFFERENCE  
REMAINDER  
ADDITION  
SUBTRACTION

### FUN ACTIVITIES

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

enough  
452  
486  
392  
230  
328  
420  
591  
616  
714  
812  
910  
1008  
1106  
1204  
1302  
1400  
1500

### INTERACTIVE NOTEBOOKS

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

Can Add Multi-Digit Numbers  
ESTIMATE SOLUTIONS  
Interactive Property of Addition  
ALIEN BINGO  
SWEET MATHS

### VOCABULARY CARDS

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

ROUND  
ESTIMATE  
VALUE  
EXPANDED FORM  
ONES  
ONE PLACE  
MULTI-DIGIT  
ADDITION  
SUBTRACTION  
DIGIT  
ADD  
SUBTRACT

### QUICK ASSESSMENTS

Quick assessments for multi-digit addition and subtraction.

MULTI-DIGIT ADDITION  
THREE DIGIT SUBTRACTION  
UNIT TWO: CUMULATIVE ASSESSMENT

# 20 DAYS OF INSTRUCTION

# Unit Three

## Multiplication

### MINILESSONS

-Ideas and materials on how to teach the concepts  
-Easy to print and prep



### 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



## WEEK TWO

## WEEK THREE

## WEEK FOUR



20 DAYS OF INSTRUCTION

# Unit Four

## division

### MINILESSONS

-Ideas and materials on how to teach the concepts



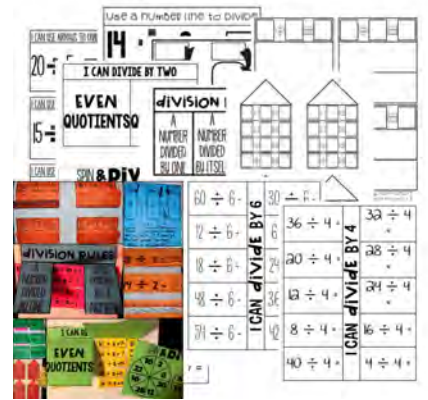
### FUN ACTIVITIES

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



## WEEK ONE



## WEEK TWO



## WEEK 3 & 4



# 20 DAYS OF INSTRUCTION

# Unit Five

## fractions

### MINILESSONS

-Ideas and materials on how to teach the concepts



### 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



### WEEK ONE



### WEEK TWO



### WEEK 3 & 4



# 20 DAYS OF INSTRUCTION

# Unit Six

## geometry, area, perimeter

### MINILESSONS

-Ideas and materials on how to teach the concepts



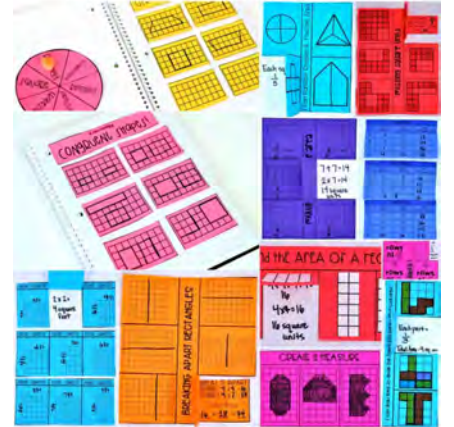
### FUN ACTIVITIES

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



### WEEK TWO



### WEEK 3



### WEEK 4



# 20 DAYS OF INSTRUCTION

# Unit Seven

time, capacity, weight

## MINILESSONS

-Ideas and materials on how to teach the concepts



## 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



## WEEK ONE



## WEEK 3



## WEEK 4



20 DAYS OF INSTRUCTION



# Unit Eight

## data and graphs

### MINILESSONS

-Ideas and materials on how to teach the concepts  
-Hands On and Fun for students



### FUN ACTIVITIES



### INTERACTIVE NOTEBOOKS

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



### WEEK ONE



### WEEK TWO



### WEEK FOUR



# 20 DAYS OF INSTRUCTION

# Unit Nine

## mult & division

### 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

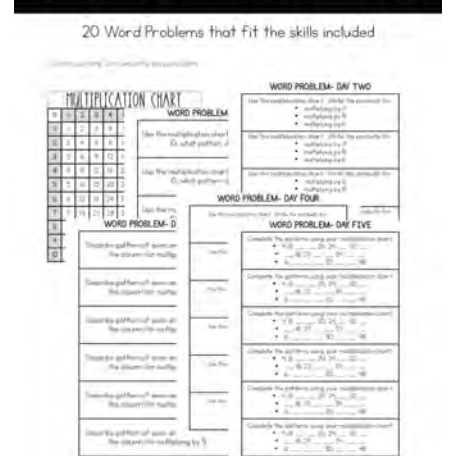


### WEEK ONE

### WEEK TWO

### DAILY WORD PROBLEMS

20 Word Problems that fit the skills included



# 20 DAYS OF INSTRUCTION

# Unit Ten

## Number Sense

# Money and Personal Financial Literacy

## Literacy

### DAILY WORD PROBLEMS

10 Word Problems that fit the skills included

WORD PROBLEM- DAY TWO		WORD PROBLEM- DAY FOUR	
Colin has \$12756 in her piggy bank. Over a possible combination of bills and coins that could be in her bank. Is this the only option? Explain your thinking.		Carl plans to spend \$225 for a new phone. She has \$25 and plans to save \$25 each week. If she doesn't buy anything else, how many weeks will she need to save to have enough money to buy her phone?	
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### QUICK ASSESSMENTS

#### VALUE OF MONEY

- Show two ways to make \$1000.
- Find the value of the money shown below.
- Find the value of the money shown below.
- How many \$5 bills does it take to equal \$50?

#### PERSONAL FINANCIAL LITERACY

Identify what belongs in the correct column.

Save	Invest	Spending
<ul style="list-style-type: none"> <li>It takes to receive something with the promise of returning it.</li> <li>It is an amount of money that you will spend on something you want to buy.</li> <li>It is a sum of money that you will set aside for a specific purpose.</li> <li>It is a sum of money that you will set aside for a specific purpose.</li> </ul>	<ul style="list-style-type: none"> <li>It is a sum of money that you will set aside for a specific purpose.</li> <li>It is a sum of money that you will set aside for a specific purpose.</li> <li>It is a sum of money that you will set aside for a specific purpose.</li> <li>It is a sum of money that you will set aside for a specific purpose.</li> </ul>	<ul style="list-style-type: none"> <li>It is a sum of money that you will set aside for a specific purpose.</li> <li>It is a sum of money that you will set aside for a specific purpose.</li> <li>It is a sum of money that you will set aside for a specific purpose.</li> <li>It is a sum of money that you will set aside for a specific purpose.</li> </ul>

4. A popular new toy just came out on the market on January 1st. It is responsible for 10% of the total sales. How much will it add to the price of the toy in one year? Explain your thinking.

5. Explain why it is important to give money five of at least two reasons and explain your thinking.

6. Some have a car for \$10000 and save cash. If the total purchase is \$15,000, how much cash would they need \$1000. Why?

### WEEK ONE & TWO



### MINILESSONS



### FUN ACTIVITIES



### INTERACTIVE NOTEBOOKS



10 DAYS OF INSTRUCTION

# UNIT ONE

## OVERVIEW

	FOCUS	STANDARD
<b>WEEK</b> <b>1</b>	Place Value (up to 100,000)	TEKS: 3.2AB CC: MC.4.NBT.A.2
<b>WEEK</b> <b>2</b>	Comparing Numbers	TEKS: 3.2ABD CC: MC.4.NBT.A.2
<b>WEEK</b> <b>3</b>	Ordering Numbers & Rounding Tens	TEKS: 3.2CD, 3.4B CC: MC.3.NBT.A.1, MC.4.NBT.A.3
<b>WEEK</b> <b>4</b>	Rounding Hundreds	TEKS: 3.2CD, 3.4B CC: MC.3.NBT.A.1, MC.4.NBT.A.3

# UNIT TWO

## OVERVIEW

	FOCUS	STANDARD
<b>WEEK</b> <b>1</b>	Multi-Digit Addition: Associative Property, Commutative Property, Addition with Regrouping, Breaking Apart Addends	TEKS: 3.IABC, 3.4A, 3.5A CCSS: 3.NBT.A.2, 3.OA.D.8
<b>WEEK</b> <b>2</b>	3-Digit Subtraction With Regrouping	TEKS: 3.IABC, 3.4A, 3.5A CCSS: 3.NBT.A.2, 3.OA.D.8
<b>WEEK</b> <b>3</b>	Estimate Solutions	TEKS: 3.4B CCSS: 3.NBT.A.2, 3.OA.D.8, 3.NBT.A.1
<b>WEEK</b> <b>4</b>	Word Problems	TEKS: 3.IABC, 3.4ABC, 3.5A CCSS: 3.NBT.A.2, 3.OA.D.8

# UNIT THREE

## OVERVIEW

	FOCUS	STANDARD
<b>WEEK</b> <b>1</b>	Intro to Multiplication	TEKS: 3.4DEK, 3.5B CCSS: 3.0A.A.1, 3.0A.A.3
<b>WEEK</b> <b>2</b>	Multiplication Facts and Strategies	TEKS: 3.4DEFK, 3.BD CCSS: 3.0A.A.4, 3.0A.C.7
<b>WEEK</b> <b>3</b>	Properties of Multiplication	TEKS: 3.4EGK CCSS: 3.0A.A.5
<b>WEEK</b> <b>4</b>	Multiplication Multi-Step Word Problems	TEKS: 3.4K, 3.5B CCSS: 3.0A.A.3, 3.0A.D.8

# UNIT FOUR

## OVERVIEW

	FOCUS	STANDARD
<b>WEEK</b> <b>1</b>	Intro to Division: Models, Equal Groups, Relate Subtraction, Arrays	TEKS: 3.4HK CCSS: 3.0A.A.2, 3.0A.A.3
<b>WEEK</b> <b>2</b>	Division Strategies: Related Facts, Rules for 1 and 0, Even and Odd, Dividing by 2	TEKS: 3.4IK CCSS: 3.0A.A.2, 3.0A.A.3, 3.0A.B.5, 3.0A.B.6
<b>WEEK</b> <b>3</b>	Division Facts: Fact Fluency and Practice	TEKS: 3.4F CCSS: 3.0A.B.6, 3.0A.C.7
<b>WEEK</b> <b>4</b>	Division One-Step and Multi-Step Word Problems	TEKS: 3.4K, 3.5B CCSS: 3.0A.A.3, 3.0A.D.8

# UNIT FIVE

## OVERVIEW

	FOCUS	STANDARD
<b>WEEK</b> <b>1</b>	Intro to Fractions (fractions of a whole, fractions of a group)	TEKS: 3.3ACE CCSS: M.C.3.NF.A.1
<b>WEEK</b> <b>2</b>	Fractions on a Number Line and Fraction Strips, Composing/Decomposing Fractions	TEKS: 3.3ABCD, 3.7A CCSS: M.C.3.NF.A.2, M.C.3.NF.A.2AB
<b>WEEK</b> <b>3</b>	Comparing Fractions (fractions with the same numerator, fractions with the same denominator, comparing sizes)	TEKS: 3.3AEH CCSS: M.C.3.NF.A.3D
<b>WEEK</b> <b>4</b>	Equivalent Fractions (using number lines, area models, and fraction strips)	TEKS: 3.3ABFG CCSS: M.C.3.NF.A.3, M.C.3.NF.A.3ABC



# UNIT Six

## OVERVIEW

	FOCUS	STANDARD
<b>WEEK</b> <b>1</b>	Geometry: Quadrilaterals, Congruent Figures, 2D and 3D Shapes	TEKS: 3.6AB CCSS: 3.G.A.1
<b>WEEK</b> <b>2</b>	Area: Intro to Area, Unit Squares, Relate to Multiplication	TEKS: 3.6CD CCSS: 3.MD.C.6, 3.MD.C.7.A, 3.MD.C.7.B, 3.MD.C.5, 3.MD.C.5AB
<b>WEEK</b> <b>3</b>	Area: Decomposing Rectangles, Partition Shapes, Relate to Fractions	TEKS: 3.6DE CCSS: 3.G.A.2, 3.MD.C.7.D, 3.MD.C.7.C
<b>WEEK</b> <b>4</b>	Perimeter: Square Units, Measuring, Unknown Sides, Relate to Area	TEKS: 3.7B CCSS: 3.MD.D.8

# UNIT SEVEN

## OVERVIEW

	FOCUS	STANDARD
<b>WEEK</b> <b>1</b>	Time: Telling Time to the Nearest Minute, Intro to Elapsed Time	TEKS: 3.7C CCSS: 3.MD.A.1
<b>WEEK</b> <b>2</b>	Time: Elapsed Time	TEKS: 3.7C CCSS: 3.MD.A.1
<b>WEEK</b> <b>3</b>	Measuring Capacity	TEKS: 3.7DE CCSS: 3.MD.A.2
<b>WEEK</b> <b>4</b>	Measuring Mass and Weight	TEKS: 3.7DE CCSS: 3.MD.A.2

# DATA ANALYSIS

## OVERVIEW

	FOCUS	STANDARD
<b>WEEK</b> <b>1</b>	Bar Graphs	TEKS: 3.8AB CC: 3.MD.B.3
<b>WEEK</b> <b>2</b>	Pictographs	TEKS: 3.8AB CC: 3.MD.B.3
<b>WEEK</b> <b>3</b>	Line Plots, Relate to Measurement	TEKS: 3.8AB CC: 3.MD.B.4
<b>WEEK</b> <b>4</b>	Frequency Tables and Graphing Project	TEKS: 3.8AB CC: 3.MD.B.3

# UNIT NINE

## OVERVIEW

	FOCUS	STANDARD
<b>WEEK</b> <b>1</b>	Multiplication: Patterns, Tables, and Multiplication Charts	TEKS: 3.4EK, 3.5BC, 3.5E CC: 3.0A.A.1, 3.0A.D.9
<b>WEEK</b> <b>2</b>	Multiplication: Multiples of Ten, Partial Products, and Multiplying a 2-digit by a 1-digit number	TEKS: 3.4GK, 3.5B CC: 3.0A.B.5, 3.0A.D.9, 3.NBT.A.3
<b>WEEK</b> <b>3</b>	Multiplication and Division: Related Facts and Unknown Numbers	TEKS: 3.4IK, 3.5BD CC: : 3.0A.A.2, 3.0A.A.3, 3.0A.A.4, 3.0A.B.5, 3.0A.B.6, 3.0A.D.8
<b>WEEK</b> <b>4</b>	Multiplication and Division: Divisibility Rules with Even and Odd, Divide By 10, Relate to Multiplication	TEKS: 3.4IK, 3.5B CC: 3.0A.A.2, 3.0A.B.6

# MONEY

## OVERVIEW

	FOCUS	STANDARD
<b>WEEK</b> <b>1</b>	Counting Coins and Bills	TEKS: 3.4C
<b>WEEK</b> <b>2</b>	Personal Financial Literacy	TEKS: 3.9ABCDEF