## Curriculum Map: Math

Course: MATH I Sub-topic: General
Grade(s): 1

## Unit: Unit 1: Numbers Within 10: Addition and Subtraction

Timeline: 12 Weeks
Unit This unit extends children's understanding of adding and subtracting within 10. Children

## Description:

 preview skills they will be learning in this unit and assess what they and do not know about them. Children record their progress after completing each lesson and reflect on their learning at the end of the unit.Unit Essential

## Questions:

- Which skills seem related to something you already know?
- Which skills do you think you would use in your everyday life? Why?

Unit Big Ideas:
The major themes of the unit are:

- You can count on to solve addition problems and subtraction problems.
- Knowing how to read and model a problem can help you decide whether to add or subtract.
- Numbers can be broken into parts. You can use what you know about parts of numbers to help you develop and choose addition and subtraction strategies.


## Unit Key

Terminology \& - add

## Definitions:

- five
- subtract
- ten
- strategy
- discuss
- important


## Topic: Lesson 0: Lessons for the First Five Days

Core Lesson
Student
Learning
Objectives:
Session 1:
Session 2:
Session 3:
Session 4:
Session 5:

Core Lesson
Materials:
Session 1:
Session 2:
Session 3:
Session 4:
Session 5:

## Topic: Lesson 1: Count On To Add

Minutes for Topic: 300
Core Lesson In this lesson children relate counting to addition by applying the counting on strategy to fin an
Description: unknown sum. Children develop reasoning skills as they see a group of objects as a single quantity from which they can count on. They also see the number that they start with as a part of the total and keep track of how many they count on.

Core Lesson

## Student

- add within ten

Learning

- apply the counting on strategy

Objectives:

- analyze counting strategy

Core Lesson $\quad$ Children use counting on as one of several strategies to add and subtract within 20.

## Core Lesson <br> Materials: LESSON

- Per Child: 10 counting cubes ( 9 of one color and 1 of another color)
- 10 two-color counters
- For Display: 10 counters, 1 plastic cup, 3 sticky notes


## ACTIVITIES

- Per Child: 10 connecting cubes, 10 two-color counters, a strip of paper, a pencil, index cards
- Per Pair: 30 connecting cubes (20 of one color, 10 of another color)
- For Display: 8 pencils, small box, sticky notes
- Activity Sheets: Number Paths, Number Cards 0-11

Core Lesson

## Key <br> Terminology 8 <br> Definitions:

- add
- addition equation
- count on
- total


## Topic: Lesson 2: Doubles and Near Doubles

Minutes for Topic: 300
Core Lesson In this lesson children are introduced to the strategies of doubles and doubles plus one
Description: Children use models to first find sums of doubles and then to find sums of doubles plus one. As they continue to work with doubles plus one. As they continue to work with doubles and doubles plus one addition equations, children come to recognize that they can double the lesser addend and add 1 more when adding consecutive numbers.

Core Lesson
Student
Learning
Objectives:

Core Lesson Big Ideas:

Core Lesson Materials:

Per Pair: 1 number cube

Acitivities Per Child: 7 two-color counters, 5 index cards

Per Pair: 10 connecting cubes (5 of one color and 5 of another), 10 counters

Activity Sheet: Addition Table 1

| Core Lesson |  |
| :--- | ---: |
| Key |  |
|  |  |
| Definitions: | doubles |

doubles plus 1

## Topic: Lesson 3: Adding In Any Order

Topic: Lesson 4: Understand Missing Addends
Topic: Lesson 5: Number Partners For 10
Topic: Unit 1 Mid-Unit Assessment or Digital Comprehension Check
Topic: Lesson 6: Count On To Subtract
Topic: Lesson 7: Add and Subtract in Word Problems
Topic: Lesson 8: Subtract to Compare in Word Problems
Topic: Lesson 9: Understand True and False Equations
Topic: Lesson 10: Use Strategies For Addition and Subtraction Facts
Topic: Unit 1 Unit Assessment or Digital Comprehension Check

Unit: Unit 2: Numbers Within 20: Addition and Subtraction and Representing Data
Timeline: 9 Weeks
Unit This unit introduces children to adding and subtracting within 20. Children preview the skills Description: they will be learning in this unit and assess what they know and do not know about them. Children record their progress after completing each lesson and reflect on their learning at the end of the unit.

## Unit Big Ideas:

- 10 is an important number
- teen numbers are made up of a 10 and some ones
- numbers can be put together and broken apart in different ways
- you can use what you know about adding and subtracting. Up to 10 to and subtract up to 20.

Topic: Lesson 11: Understand Teen Numbers
Core Lesson In this lesson children explore the structure of numbers between 10 and 20, often refered to Description: as teen numbers. They develop the concepts that teen numbers are composed of a group of 10 s and a group of 1 s .

## Core Lesson

Student
Learning
Objectives:
Content objectives:

- Recognize that 10 ones and 1 ten represent the same quantity
- Understand that the numbers between 10 and 20 are composed of 1 ten and some ones.
- Model teen numbers


## Core Lesson

Essential
Questions:

| Core Lesson |
| :--- |
| Big Ideas: |$\quad$| In Grade 1 children are expected to fluently add and subtract numbers to 10. Previously in this |
| :--- |
| unit children have counted on from one number to add. |
| Core Lesson |
| Materials: $\quad$ Connecting cubes, ten frames, counters, and 100 's chart. |
| Core Lesson |
| Key |
| Terminology \& ones, teen numbers, tens |
| Definitions: |.

Topic: Lesson 12: Make a Ten to Add

| Core Lesson | In this lesson children learn the strategy of making 10 to add within 20 . This involves breaking |
| :--- | :--- |
| apart an addend and associating one part of it with another addend to make 10 and then |  |
| applying the understanding that teen numbers can be thought of as " 10 plus some number". |  |

Core Lesson
Student
Learning
Objectives:

- When adding 2 one digit numbers understand the rational for decomposing one addended to make 10.
- Use the strategy of making 10 to add numbers within 20.
- use and articulate mental math strategies to add

Core Lesson Counters, connecting cubes, and 10 frames.

## Materials:

| Core Lesson | Make a ten - a strategy that uses combinations of numbers that add to ten. |
| :--- | :--- |
| Key  <br>   <br> Definitions: tens- groups of 10 ones. |  |

Topic: Lesson 13: Totals Greater Than Ten
Core Lesson In this lesson children extend their understanding of the doubles, doubles plus one, and make Description: a ten strategies to model and solve addition problems with sums greater than 10 .

## Core Lesson

Student
Learning
Objectives:

[^0]*Know that teen numbers can be decomposed as $10+$ some number.

## Core Lesson <br> Materials:

Per child: 10 connectin gcubes ( 5 of each of two different colors), 27 two-color counters
Per pair: 20 connecting cubes (10 each in two different colors)
For Display: two pictures of 6 balloons
Activity Sheet: 10 Frames, Number Bond Mat
Per child: 20 counters
Per pair: 20 connecting cubes, 24 two-color counters
Acitivty Sheet: 10-Frames

Core Lesson
Key
Count on
Terminology \&
Definitions:
Doubles

## Topic: Lesson 14: Add Three Numbers

Core Lesson Children solve word problems that involve three addends. They use the associative property to
Description: group addends to add two numbers using a familiar strategy and then add the third number.

## Core Lesson

Student
Learning
Objectives:
-Write addition expressions with three addends to represent word problems.
-Find the total of 3 addends, using strategies such as making a ten and using doubles by grouping any 2 addends,

- Explain how using strategies such as making a ten or finding doubles can help find the total of 3 numbers.


## Core Lesson <br> Materials:

## Core Lesson

Key
Terminology \&
Addend
Definitions:

## Topic: Unit 2 Mid-Unit Assessment or Digital Comprehension Check

## Topic: Lesson 15: Make a Ten to Subtract

Core Lesson Children use several strategies and model to subtract single digit numbers from teen numbers.
Description:
in parts that allow them to make a 10 and then subtract the rest. They relate these strategies to similar strategies they used for addition.

## Core Lesson

Student
Learning Objectives:
-Recognize that teen numbers can be decomposed and composed to subtract.
-Choose strategies to subtract single-digit numbers from teen numbers.
-Making a 10 to subtract single-digit numbers from teen numbers.
Core Lesson color-counters, markers, transparent bag, number paths, connecting cubes.
Materials:
Core Lesson
Key
Terminology \& Teen numbers
Definitions:

## Topic: Lesson 16: Find the Unknown Number

Core Lesson Children find the unknown in equations relating three whole numbers involving sums up to 20 .
Description: Word problems represent all situation types and the unknown is found in different positions.

## Core Lesson

Student Learning
Objectives:

> -Find the missing numbers in an addition of subtracting equation (missing number in all positions).
> - Use familiar number facts and strategies to help find a missing number in an addiotion or subtraction equation.
> - Use related addition and subtraction facts to solve for an unknown number in an equation.

| Topic: Lesson 17: Word Problems to 20 |  |
| :---: | :---: |
| Core Lesson Description: | In this lesson children sort objects into categories and begin to understand the benefits of organizing and representing such data. They represent categorical data in tally charts, in charts with numbers, and in picture graphs. They ask and answer questions about data, using what they know about addition, subtraction, and comparison. |
| Core Lesson <br> Student <br> Learning <br> Objectives: |  |
|  | *Define meaningful categories for a given set of objects and sort objects according to the categories. |
|  | *Count to find the number of objects in each category. |
|  | *Represent categorical data using tally charts, charts with numbers, and picture graphs. |
|  | *Answer questoins about data in charts and graphs. |
|  | *Compare quantities represented in charts and graphs. |

## Core Lesson

Key
Terminology \& data, picture graph, sort, tally chart, tally marks, compare
Definitions:

## Topic: Lesson 18: Collect and Compare Data

## Topic: Unit 2 Assessment or Digital Comprehension Check

## Topic: Mid-Year Diagnostic Assessment

## Unit: Unit 3: Tens and Ones: Counting, Place Value, Time, and Money

Timeline: 6 Weeks
Unit This unit introduces children to place value with tens and ones. Cildren preview the skills they Description: will be learning in this unit and assess what they know and do not progress after completing each lesson and reflect on their learning at the end of the unit.

Unit Essential

## Questions:

- Which skills seem related to something you already know?
- Which skills do you think you would use in your everyday life?

Unit Big Ideas:
The major themes of the unit are:

- Two-digit numbers are made of tens and ones. Knowing how to express two-digit numbers as tens and ones in different ways will help you understand the value of that number.
- You can use what you know about tens and ones in two-digit numbers to compare their values.


## Unit Key

Terminology \& count
Definitions:
teen numbers
ones
discover
item
explain

I count the dots to find the total.
15 and 18 are teen numbers
When I compare 15 and 18 , there are more ones in 18.

1. working with a partner is a good way to discover new ways to solve a problem.
2. We forgot to get one item on the list: a new bakpak.
3. When you explain something, you make it easy to understand.
Topic: Lesson 19: Understand Tens

| Core Lesson |
| :--- |
| Description: Number and Operations in Base-10 |
|  |
|  |
|  | Understand Place Value

## Core Lesson

## Student <br> Learning <br> Objectives:

- Understand that the digits of a 2-digit number represent numbers of tens and ones.
- Organize 10 ones
- Express 10 ones as 1 ten and 1 ten as 10 ones
- Identify and write multiples of ten in terms of tens and ones.

| Core Lesson Big Ideas: | Children explore tens by making a ten to add and subtract and by recognizing teen numbers as a composition of a ten and some ones. |
| :---: | :---: |
| Core Lesson Materials: | connecting cubes, base-ten blocks |
| Core Lesson |  |
| Key | ones- single units or objects |
| Terminology \& |  |
| Definitions: | tens- groups of 10 ones. |

Core Lesson
Description:

In this lesson, children use a 120 chart to count up by 1 s from any given number within 120.
They look for patterns in the 120 chart that show relationships between numbers. They identify numbers that are 1 more than a given number, and they pick up the count and continue the counting sequence from any number. They count objects that are in groups of ten with extra ones and relate these quantities to the multiples of 10 on the 120 chart.

Core Lesson
Student
Learning
Objectives:

Core Lesson
Materials:

Core Lesson
Key
Terminology \&
Definitions:

- count on from any number on the 120 chart
- identify missing numbers in a sequence within 120
- count by 10 s within 120
- Base-10 blocks
- red, blue, green crayons
- copy of Start slide (Sessions 1,3,5), copy of Close Slide (Sessions 1-2, 5)
- 1 counter/pair
- 120 chart
column - groups of objects or numbers that go from top and bottom
row - a group of objects or numbers that go from left to right
tens - groups of 10 ones


## Topic: Lesson 21: Understand Tens and Ones

Core Lesson Children decompose 2-digit numbers into groups of tens and ones, representing them in Description: multiple ways. They recognize that the digit in the tens place of a 2 -digit number denotes a number of 10 s and they write 2 -digit numbers by placing each digit in the appropriate placevalue location.

## Core Lesson

Student
Learning
Objectives:

- represent 2-digit numbers as tens and ones
- decompose a 2-digit number as some tens and some ones in multiple ways
- model a 2-digit number in multiple ways

Core Lesson
Materials:

- Base 10 blocks
- connecting cubes
- crayons
- 100 number chart

Core Lesson
Key
Terminology \&
Definitions:
digit - a symbol used to write numbers. $0,1,2,3,4,5,6,7,8$, and 9 are digits
place value - the value of a digit based on its position in a number. For example, the 2 in 24 is in the tens place and has avalue of 2 tens or 20

Review the following terms:
ones - single units or objects
tens - groups of 10 tens

Topic: Lesson. 22: Compare Numbers
Core Lesson In this lesson children use models of Base-10 Blocks to compare the number of tens and ones Description: in 2 two-digit numbers. They use quick drawings and draw their own representations to compare 2 two-digit numbers. Two-digit numbers are compared using their relative positions on the 100 chart. Children write $<,>$, or $=$ to record their comparisons.

Core Lesson
Student
Learning
Objectives:

- understand the meaning of the symbols < and >
- compare the values of 2 two-digit numbers using tens and ones
- write the symbols <, >, and = to compare 2 two-digit numbers

Core Lesson In grade 1 children compare two quantities using one-to-one correspondence and subtract to Big Ideas: find the difference. Children also understand that the two digits in a two-digit number
represents tens and ones. They understand 10, 20, 30, 40, 50, 60, 70, 80, 90, and 100 as bundles of tens and zero ones.

Core Lesson
Materials: base-10 blocks, counters, 10-frames, place-value mats, 120 charts

| Core Lesson <br> Key <br>  <br> Definitions: | greater than - a group or number that has more |
| :--- | :--- |
| greater than symbol $(>)$ - a symbol that means is greater than |  |
|  | less than - the group or number with fewer, not as much, not as many |
|  | less than symbol (<) - a symbol that means is less than |
|  | compare - to decide if numbers, amounts, or sizes are greater than, less than, or equal to each <br> other |
|  | equal sign $(=)$ - a symbol that means is the same as |
|  | fewer - a lesser amount |
|  | more, more than - the greater number, quantity, or amount |

## Topic: Unit 3: Mid-Unit Assessment or Digital Comprehension Check

## Topic: Lesson 23: Tell Time

Core Lesson Children learn to tell and write time to the hour and half hour. They learn to recognize Description: minutes an hours on analog and digital clocks and read and write times to the hour and half hour.

Core Lesson
Student
Learning
Objectives:

- tell time to the hour and to the half hour, using analog and digital clocks
- write the time to the hour and half hour
- understand that 30 minutes is the same as a half hour


## Core Lesson

Big Ideas:
Core Lesson
Materials:

Core Lesson
Key
Terminology \&
Definitions:

Children begin reading digital and analog clocks
clock face model, card stock, round-head fasteners, crayons, demonstration clock
digital clock - a clock that uses digits to show the time.
half hour - a unit of time. There are 30 minutes in on half hour. half past - a time that is 30 minutes after an hour.
hour (h) - a unit of time. There are 60 minutes in 1 hour.
hour hand - the short hand on a clock. It shows hours.
minute (m) - a unit of time. There are 60 minutes in 1 hour.
minute hand - the longer hand on a clock. It shows minutes.
o'clock - to tell time for an hour.

Topic: Lesson 24: Money (Optional)
Core Lesson

Core Lesson
Student
Learning
Objectives:

OPTIONAL LESSON

- IDENTIFY COINS (PENNIES, NICKELS, DIMES, AND QUARTERS)
- KNOW THE VALUE OF EACH COIN.
- RELATE THE VALUE OF COINS (PENNIES, DIMES, AND QUARTERS) TO THE VALUE OF ONE DOLLAR.
- COUNT ON TO FIND THE VALUE OF A SET OF DIMES AND PENNIES.

| Core Lesson |  |
| :--- | :--- |
| Materials: | play or real coins |
|  |  |
| Core Lesson |  |
| Key | - CENT - THE SMALLEST UNIT OF MONEY. 100 CENTS IS EQUAL TO 1 DOLLAR. |
| Terminology \& | - DIME - A COIN WITH A VALUE OF 10 CENTS. |
| Definitions: | - DOLLR - A UNIT OF MONEY. THERE ARE 100 CENTS IN 1 DOLLAR. |
|  | - NICKEL - A COIN WITH A VALUE OF 5 CENTS. |
|  | - PENNY - A COIN WITH A VALUE OF 1 CENT. |
|  | - QUARTER - A COIN WITH A VALUE OF 25 CENTS. |

## Topic: Unit 3: Assessment or Digital Comprehension Check

## Unit: Unit 4: Operations With Tens and Ones: Addition and Subtraction

## Timeline: 5 Weeks

| Unit | Students are introduced to operations with 2 digit numbers. Children preview skills they will be <br> Description: <br> learning in this unit and assess what they know about them. Children record their progress <br> after completing each lesson and reflect on their learning at the end of the unit. |
| :--- | :--- |

## Unit Essential

Questions: Which skills seem related to something you already know?
Which skills do you think you would use in your everyday life?

## Unit Big Ideas:

You can use what you know about tens and ones to add and subtract tens from any number.
When adding two digit numbers, you can add tens to tens, and ones to ones.
Sometimes you need to regroup 10 ones to make a ten when you add.

## Unit Materials:

base-ten blocks
connecting cubes
hundred charts

## Unit Key

Terminology \& fewer
Definitions:
more
total
plan
prepare

## Topic: Lesson 25: Add and Subtract Tens

Core Lesson In this lesson children build on known strategies for adding and subtracting single digits and Description: apply these strategies to adding and subtracting multiples of 1 - from 10-90. They model the relationship between groups of 10 and an equal number of unit representing a ten. Children recognize how adding tens and adding ones correlate to each other as they use word forms along with equations.

## Core Lesson

Student
Learning
Objectives:
Count tens as 1 ten, 2 tens, 3 tens... or as $10,20,30 \ldots$
Use counting on, counting back, and strategies based on place value and properties to add and subtract multiples of 10 .

| Core Lesson Big Ideas: | Children view 10 ones as a unit called a ten. They compose two digit numbers into groups of tens and some ones. |
| :---: | :---: |
| Core Lesson Materials: | base ten blocks |
|  | hundreds charts |
| Core Lesson <br> Key <br> Terminology \& tens- a group of ones Definitions: |  |
| Topic: Lesson 26: Understand Ten More and Ten Less |  |
| Core Lesson Description: | In this lesson children mentally add and subtract 10 from to add and subtract from 2 digit numbers. As they explore 10 more and 10 less with connecting cubes and on a hundred chart, they build mental images to be able to recognize that when adding of subtracting ten, the tens digit of a number increases |
| Core Lesson <br> Student <br> Learning <br> Objectives: | Count tens as 1 ten, 3 tens |
| Core Lesson Big Ideas: | Children view 10 ones as a unit called a ten. They build on their counting by ten skills by mentally finding10 more or 10 less than a number. |
| Core Lesson Materials: | 41 connecting cubes, base 10 blocks ( 9 rods and 9 ones), and 100 chart, number cards 0-11. |
| Core Lesson <br> Key <br> Terminology <br> Definitions: | Digit- a symbol used to write number. The digits are 0,1,2,3,4,5,6,7,8,9. |

## Topic: Lesson 27: Add Terns to Any Number

Core Lesson Children extend their prior work with mentally adding 100 any number to explore adding Description: multiples of 10 to any number within 100.

| Core Lesson | Add multiples of 10 to any 2 digit number within 100. Apply a strategy based on place value to <br> add a 2 digit number and a multiple of 10 and relate it to a written method. Model adding a 2 <br> Student <br> Learning <br> Objectives: |
| :--- | :--- |
| Core Lesson number and a multiple of 10 using place value understanding. |  |
| Big Ideas: | Children learn strategies for adding numbers within 100 and build understanding of the base <br> 10 system of numeration. Concrete and visual models support their understanding of place <br> value and help them make a connection between the visual 10s and the digit that represents a <br> group of 10s. |

## Core Lesson <br> Materials:

Core Lesson
Key
Terminology \&
Definitions:
base 10 blocks, activity sheet 120 chart, number cards $0-11$, place value mat.
ones-single units or objects. 10's- group of 10 ones.

## Topic: Lesson 28: Add Two-Digit and One-Digit Numbers

Core Lesson Children extend models and strategies explored in previous lessons to addition problems Description: involving 2 digit and 1 digit addends. Children develop an understanding that sometimes it is necessary to compose a new 10 .

Core Lesson
Student
Learning
Objectives:

Add 2 digit and 1 digit numbers with and without regrouping. Compose a 10 when adding ones that total 10 or more.

Core Lesson Children develop concepts related to the base 10 system as the make a 10 when adding 2.
Big Ideas: Single digit numbers whose sum is greater than 10 . They model and solve problems in which they add two 10 s and ones to ones when adding 2 digit numbers.

Core Lesson
Materials:
Counters, 100 chart, base ten blocks, 10 frame.

Core Lesson
Key
Digit a symbol used to write numbers. The digits are $0,1,2,3,4,5,6,7,8,9$.
Terminology \&
Definitions:
Ones single units or objects.
Tens a group of 10 ones.

## Topic: Lesson 29: Add Two-Digit Numbers

Topic: Unit 4: Assessment or Digital Comprehension Check

## Unit: Unit 5: Length: Comparing, Ordering, Measuring

Timeline: 3 Weeks
Unit This unit extends children's understanding of length. Children preview the skills they will be Description: learning in this unit and assess what they know and do not know about them. Children record their progress after completing each lesson and reflect on their learning at the end of the unit.

## Unit Essential

| Questions: | Which skills seem related to something you already know? |
| :--- | :--- |
|  | Which skills do you think you would use in your everyday? Why? |

## Unit Big Ideas:

- You can compare the length of objects and put them in length order by lining them up at one end.
- Sometimes you can tell whcih of two objects is longer by comparing both of them to another object.
- You can measure an object with same-sized units to find its length.


## Unit Key

Terminology \& arrange

## Definitions:

observe
process
length
longer
shorter
taller

## Topic: Lesson 30: Order Objects By Length

Core Lesson In this lesson, children compare the length of three objects, lining them up so that the ends of Description: all objects are aligned and put the items in order by length. They idietify the shortest, tallest, and longest objects.

## Core Lesson

Student
Learning
Objectives:
Directly compare the lenghts of three objects.
Order three objects by length..

Core Lesson
Big Ideas:

In Grade 1 children compare and order objects by length. They use a nonstandard reference unit to measure objects by layering multiple copies of a shorter object end to end. They understand that the number of such reference objects is the length measurement of the item
being measured

Core Lesson
Materials:
Per child:
3 pieces of string of different lengths
3 objects of different lengths
red and blue crayons
15 connecting cubes (3 red, 5 green, 7 yellow)
3 straws of different lengths

Per pair:
base ten blocks (9 ren rods, 18 ones units)
4 or 5 objects of different heights or lengths
1 straightedge

Core Lesson
Key lenght - how long something is
Terminology \&
Definitions:
longer - greater in length
longest - greatest in length
shorter - lesser in length or height
shortest - least in length or height
taller - greatest in height
compare - to decide if numbers, amounts, or sizes are greater than, less than, or equal to each other

## Topic: Lesson 31: Compare Lengths

Core Lesson In this lesson children develop an understanding of indirect comparison, which underlies the
Description: use of standard measuring tools. They reason that if Object A is longer than the reference object and Object $B$ is shorter than the reference object, then Object $A$ is longer than Object $B$.

## Topic: Lesson 32: Understand Length Measurement

Topic: Unit 5: Assessment or Digital Comprehension Check

Unit: Unit 6: Geometry: Analyzing, Composing, and Partitioning Shapes
Timeline: 3 Weeks
Topic: Lesson 33: Shapes
Topic: Lesson 34: Putting Shapes Together
Topic: Lesson 35: Understand Breaking Shapes Into Equal Parts
Topic: Unit 6: Assessment or Digital Comprehension Check
Topic: End-of-Year Diagnostic Assessment

Unit:

This Curriculum Map Unit has no Topics to display


[^0]:    * Know the partner that makes 10 for any number.
    * Know all decompositions for numbers within 10.
    *Add to solve word problems.

