

# Level 3 Curriculum Map

	Unit Focus Topics	Unit Details
Unit 1	<ul style="list-style-type: none"><li>- single digit addition 1-10</li><li>- time to the quarter hour</li><li>- more and less than</li></ul>	The goal of this unit is to master and review single digit addition with numbers 1-10. Addition problems will be worked on in a vertical and horizontal format. This unit also focuses on telling time to the quarter. Students will work on reading a variety of clocks as well as drawing hour and minute hands on clocks to create accurate clock faces for time to the quarter hour. This unit teaches the concept of more and less than using the more and less than symbols for numbers up to 3 digits.
Unit 2	<ul style="list-style-type: none"><li>- single digit subtraction 1-10</li><li>- coin combinations</li><li>- writing 3 digit numbers</li></ul>	The goal of this unit is to master and review single digit subtraction with numbers 1-10. Subtraction problems will be worked on in a vertical and horizontal format. This unit also focuses on adding combinations of coins. Students will correctly identify the value for small groups of coins with up to 8 different coins included in each group. Students will work on writing 3 digit numbers in a written format as well.
Unit 3	<ul style="list-style-type: none"><li>- single digit addition and subtraction 1-10</li><li>- time to the five minute</li><li>- writing four digit numbers</li></ul>	The goal of this unit is to master and review single digit addition and subtraction with numbers 1-10. Students will be required to discriminate between addition and subtraction problems. Problems will be worked on in a vertical and horizontal format. This unit also focuses on telling time to the five minute. Students will work on reading a variety of clocks as well as drawing hour and minute hands on clocks to create accurate clock faces. Students will work on writing 4 digit numbers in a written format as well.
Unit 4	<ul style="list-style-type: none"><li>- double digit addition with &amp; without regrouping</li><li>- easy fractions</li></ul>	The goal of this unit is to master double digit addition. Problems with and without regrouping will be taught. This unit also introduces easy fractions through identification activities, drawing fractions, and matching fraction practice.

# Level 3 Curriculum Map

Unit 5	<ul style="list-style-type: none"><li>- double digit subtraction with &amp; without regrouping</li><li>- dollar up rounding</li></ul>	The goal of this unit is to master double digit subtraction. Problems with and without regrouping will be taught. This unit also focuses on teaching the concept rounding to the next dollar when given an amount of money and a price tag for an item.
Unit 6	<ul style="list-style-type: none"><li>- double digit addition and subtraction without regrouping</li><li>- enough and not enough with money</li></ul>	The goal of this unit is to master double digit addition and subtraction. Students will be required to discriminate between addition and subtraction problems. Problems with and without regrouping will be taught. This unit also focuses on teaching the concept of enough and not enough when given a money amount or set of coins and bills and a price tag for an item.
Unit 7	<ul style="list-style-type: none"><li>- addition and subtraction word problems</li><li>- missing numbers</li><li>- making change</li></ul>	The goal of this unit is to master completing word problems that require addition or subtraction. Students will be required to discriminate between addition and subtraction problems. Students will also work on identifying the missing numbers based on a pattern or sequence of numbers. This unit also teaches the concept of making change when given a money amount the price of an item.
Unit 8	<ul style="list-style-type: none"><li>- time word problems</li><li>- money word problems</li><li>- heavy &amp; light</li></ul>	The goal of this unit is to master completing word problems that involve the concepts of time and money. Students will be required to discriminate between the type of problem to accomplish Students will also work on identifying and discriminating between the concepts of heavy and light.

# 8 Units + a Review Unit

EACH UNIT CONTAINS:

grading rubric

Unit 1 Rubric & Grading Instructions

Item	Score	Comments
1. Complete the addition problems. Copy each problem on a separate sheet of paper.	24	
2. Write the two answers to each problem. Check each response to be correct by placement.	6	
3. Draw the coins on the stick for each problem. Do not use the 10 coin combination. Use the 1 coin and the 5 coin combination. Use the 1 coin and the 5 coin combination. Use the 1 coin and the 5 coin combination. Use the 1 coin and the 5 coin combination.	6	
4. Fill in the boxes with the sum. Use the coins to help you. Use the coins to help you. Use the coins to help you. Use the coins to help you.	6	
<b>Analyzing the Errors:</b> The first test is used to determine if the student is starting to understand subtraction. It is given on the first test. The second test is given on the second test. The third test is given on the third test. The fourth test is given on the fourth test. The fifth test is given on the fifth test. The sixth test is given on the sixth test. The seventh test is given on the seventh test. The eighth test is given on the eighth test. The ninth test is given on the ninth test. The tenth test is given on the tenth test.	40	

pre-test & post-test

Unit 2 Pre-test and Post-test worksheets showing coin problems and simple addition.

anchor chart

Anchor Chart - Unit 2

SINGLE DIGIT SUBTRACTION

$$\begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array}$$

COIN COMBINATIONS: ADD THE COIN VALUES

1¢ 5¢ 10¢ 25¢

WRITTEN NUMBERS

342 { three hundred forty two  
three hundred and forty two

20 activities

Unit 3 and Unit 5 activity worksheets showing various math problems including addition and subtraction.


# Anchor Charts

### Anchor Chart - Unit 1

**SINGLE DIGIT ADDITION**

$$\begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array}$$

**TIME TO THE QUARTER HOUR**



**MORE THAN LESS THAN EQUAL TO**

> < =

Level 1

### Anchor Chart - Unit 2

**SINGLE DIGIT SUBTRACTION**

$$\begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array}$$

**COIN COMBINATIONS: ADD THE COIN VALUES**

PENNY 1¢ DIME 10¢ NICKEL 5¢ QUARTER 25¢

**WRITTEN NUMBERS**

342 { three hundred  
forty  
two  
three hundred and forty two

Level 1

### Anchor Chart - Unit 3


**SINGLE DIGIT ADDITION**

$$\begin{array}{r} 6 \\ + 6 \\ \hline 12 \end{array}$$

**SINGLE DIGIT SUBTRACTION**

$$\begin{array}{r} 10 \\ - 4 \\ \hline 6 \end{array}$$

**TIME TO THE FIVE MINUTE**



**WRITTEN NUMBERS**

2,461 { two thousand  
four hundred  
sixty  
one  
two thousand four hundred and sixty one

Level 2

### Anchor Chart - Unit 4

**DOUBLE DIGIT ADDITION**

Double Digit without Regrouping

$$\begin{array}{r} 34 \\ + 21 \\ \hline \end{array}$$

Double Digit with Regrouping


$$\begin{array}{r} 34 \\ + 28 \\ \hline \end{array}$$

**When to Regroup?**

no regrouping

regroup

**FRACTIONS**



$\frac{3}{4}$  - how many parts are filled in  
- how many parts total

### Anchor Chart - Unit 5

**DOUBLE DIGIT SUBTRACTION**

Double Digit without Regrouping

$$\begin{array}{r} 34 \\ - 21 \\ \hline \end{array}$$

Double Digit with Regrouping

$$\begin{array}{r} 63 \\ - 28 \\ \hline \end{array}$$

**When to Regroup?**

no regrouping

regroup

**DOLLAR UP ROUNDING**

$\$7.16 \Rightarrow \$8.00$   
 $\$5.74 \Rightarrow \$6.00$   
 $\$12.89 \Rightarrow \$13.00$

Level 2

### Anchor Chart - Unit 6

**ADDITION**

**When to Regroup?**

no regrouping

regroup

**SUBTRACTION**

**When to Regroup?**

no regrouping

regroup

**ENOUGH**

money covers the price of an item

**NOT ENOUGH**

money does not cover the price of an item

Level 2

### Anchor Chart - Unit 7

**ADDITION WORD PROBLEMS**

add together both combine how many in all

increases total together join

**SUBTRACTION WORD PROBLEMS**

difference decrease minus remain take away

left less than how many more subtract

**MAKING CHANGE**

subtract the price from the amount of money given

$\$10.00 \rightarrow$  money given  
 $\$6.41 \rightarrow$  price  
 $\$3.59 \rightarrow$  change

**MISSING NUMBER**

subtract the second number by the first number to determine the pattern

20, 40, 60, 80

Level 2

### Anchor Chart - Unit 8

**TIME WORD PROBLEMS**

Adding Time Events (time after)

9:30	10:30
1 hour	8:30
30 minutes	8:30

Subtracting Time Events (time before)

5:30	3:30
2 hours	3:30
10 minutes	3:20

**MONEY WORD PROBLEMS**

How much change?  $\rightarrow$  make change  
 How much left?  $\rightarrow$  subtract  
 How much all together?  $\rightarrow$  add

**HEAVY** weighs more

**LIGHT** weighs less

Level 2

# Grading Rubric

## Unit I Rubric & Grading Instructions

Name: \_\_\_\_\_ Date: \_\_\_\_\_ (circle one) Pre-test Post-test

	correct	incorrect	total possible
1. Complete the addition problems. Count each problem as either correct or incorrect.			24
2. Write the time on each clock. Count each response as correct or incorrect.			16

3. Draw the hands on the clock to represent the time in order for it to be counted as correct. The hour and minute hand must be in the correct position and the hour hand should be shown between the hour and minute hand. If not, count it as incorrect.
4. Fill in the more than, less than, or equal to symbol for each pair of numbers. Count each response as correct or incorrect.

### Analyzing the Errors:

The pre-test is used as a baseline to see where the student is starting out before any instruction is given. Errors on the pre-test will be addressed through the unit activities. Errors on the post-test indicate that additional instruction or practice is needed. Every student learns at different rates! Here is where this student needs more work:

total correct	total incorrect
total possible	percentage •
<b>40</b>	

• total correct divided by total possible times 100

Error Numbers	Need Practice on...	Suggested Activities
many errors on 1	still needs work on addition 0-10	repeat the addition portions of the worksheets, add addition flashcards to fluency instruction, look up Addition Mega Pack in The Autism Helper TpT store for additional addition activities.
many errors on 2 & 3	still needs work on telling time to the quarter hour	add clock flashcards to fluency instruction, add a daily match the time to clock activity into morning work, look up Time Mega Pack in The Autism Helper TpT store for additional time activities.
many errors on 4	still needs work on more than, less than, or equal to	have two numbers of the day and have students complete the pair with a symbol, add symbols to classroom anchor charts

# Pre-Test & Post-Test

Unit 2 Pre test - Page 1 Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. Complete the subtraction problems:

$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$
$$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$
$$\begin{array}{r} 6 \\ - 1 \\ \hline \end{array}$$
$$\begin{array}{r} 7 \\ - 0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$$
$$\begin{array}{r} 5 \\ - 1 \\ \hline \end{array}$$
$$\begin{array}{r} 7 \\ - 3 \\ \hline \end{array}$$
$$\begin{array}{r} 4 \\ - 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ - 0 \\ \hline \end{array}$$
$$\begin{array}{r} 5 \\ - 0 \\ \hline \end{array}$$
$$\begin{array}{r} 5 \\ - 3 \\ \hline \end{array}$$
$$\begin{array}{r} 6 \\ - 4 \\ \hline \end{array}$$

$4 - 2 = \underline{\quad}$     $7 - 4 = \underline{\quad}$     $6 - 0 = \underline{\quad}$

$7 - 0 = \underline{\quad}$     $6 - 3 = \underline{\quad}$     $4 - 3 = \underline{\quad}$

$5 - 2 = \underline{\quad}$     $7 - 2 = \underline{\quad}$     $5 - 0 = \underline{\quad}$

$3 - 1 = \underline{\quad}$     $7 - 5 = \underline{\quad}$     $5 - 2 = \underline{\quad}$

Unit 2 Pre test - page 2 Name: \_\_\_\_\_ Date: \_\_\_\_\_

2. Count up each group of coins and write the value:



3. Write out each number:

305: \_\_\_\_\_ 671: \_\_\_\_\_

145: \_\_\_\_\_ 207: \_\_\_\_\_

435: \_\_\_\_\_ 672: \_\_\_\_\_

# 20 Activities

