

Third Grade Essential Standards

1. State Place Values.

- *Student Friendly Learning Objective - " I can identify the place value of a number."*

168,524

1. The 5 is in the _____ place.
2. The 1 is in the _____ place.
3. What is the value of 5? _____
4. What is value of 1? _____

2. Apply expanded notation to state **place value**.

- *Student Friendly Learning Objective - " I can apply expanded notation to a given whole number."*

Example - $63,485 = 60,000 + 3,000 + 400 + 80 + 5$

Write in expanded notation.

1. 9,752 _____
2. 539,321 _____

3. Order three or more whole numbers through six digits from least to greatest or greatest to least.

- *Student Friendly Learning Objective - " I can put three or more six-digit numbers in order from least to greatest or greatest to least."*

Put the following numbers in order from least to greatest.

5,240 857,261 751,268

1. _____

Put the following numbers in order from greatest to least.

22,364 7,267 19,270

2. _____

4. Count money through \$20 using pictures or bills.

- *Student Friendly Learning Objective - " I can count money up to \$20.00."*

1. How much money is pictured here? _____

2. How much money is pictured here? _____

5. Add **whole numbers** up to six **digits** with regrouping.

- *Student Friendly Learning Objective - " I can add whole numbers up to six-digits with regrouping."*

1.
$$\begin{array}{r} 145,257 \\ +126,298 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 156,026 \\ + 26,015 \\ \hline \end{array}$$

6. Interpret data found in **line plots**, **pictographs** and single **bar graphs**.

- *Student Friendly Learning Objective - " I can understand questions using and reading line plots, pictographs, and bar graphs."*

Favorite Colors

Mrs. Stewart's Class

Number
of
students

1. How many students like orange the best? _____

2. How many more kids like red than blue? _____

7. Answer questions based on data found in **line plots, pictographs** and single **bar graphs**.

- *Student Friendly Learning Objective - " I can answer questions using and reading line plots, pictographs, and bar graphs."*

Reward Coupons Earned by Mrs. Smith's Class

Key: _____ = 1 coupon

1. Who earned the most coupons? _____
2. How many coupons did Salim earn? _____

8. Solve problems using graphs, charts and tables.

- *Student Friendly Learning Objective - " I can answer questions using graphs, charts and tables."*

Insects caught by Miss Jones's Class

1. What kind of insects did the students catch the most of? _____
2. What two kinds of insects did the class catch the same amount of?

9. Identify points on a grid with ordered pairs.

- *Student Friendly Learning Objective - " I can find points on an ordered pair grid/graph."*

1. What is the number pair for D? _____

2. What is the number pair for T? _____

10. Describe the rule used in a simple grade level appropriate **function**. (e.g., T-chart, input/output model and frames and arrows).

- *Student Friendly Learning Objective - " I can identify and apply the rule used in an input/output model, t-chart or frames and arrows."*

What is the rule used in the chart below ? _____

10		13
20		23
30		33

Additional Third Grade Standards

11. Identify six digit whole numbers in or out of order.

1. Circle two hundred thirteen thousand, four hundred thirty- two.

230,432 213,042 213,432

2. Circle one hundred forty-two thousand, three hundred six.

140,306 142,306 142,036

12. Performance Objective: Write whole numbers through six digits in or out of order.

Write the following numbers in order from greatest to least.

- Three hundred twenty-eight thousand, one hundred five
 - Sixty four thousand, eight hundred fifty-one
 - Six hundred thousand, eight
-

13. Sort whole numbers into sets containing only odd numbers or only even numbers.

Sort the following numbers - 280, 16, 518, 15, 17, 59, 52, 105, 607

Odd: _____

Even: _____

14. Construct models to represent place value concepts for the one's, ten's, and hundred's places.

1. Fill in the blocks to represent the number 24.

2. Fill in the blocks to represent the number 40.

15. Add a column of numbers.

1.	26	2.	56
	18		42
	37		37
	<u>+58</u>		<u>+82</u>

16. Apply addition and subtraction in contextual situations, through \$20.00.

1. If you spent \$14.25 on a toy truck and \$3.99 on a ball, how much did you spend all together?

2. If you had \$20.00 and spent \$1.49 on an ice cream cone, how much would you have left?

Benchmark 1 Essential Vocabulary

Bar Graph - a graph in which a bar is used to show each value

Digit - any of the numerals 0 through 9

Function - an expression that involves a variable

Line Plots - a graph in which check marks, x's, or other marks above a number line show the frequency of each value

Pictograph - a graph that uses pictures or symbols

Place Value - the value of a digit depending on its place within a number

Whole Number - a number without fractions

