Student Learning Report: Grade 3 Math

Name _____

Process Content Process

Representation and Comparison of Whole Numbers

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	☐ I can determine what math I need to use to solve a problem. 3.1(A)				
Using Problem Solving Models	☐ I can use a problem-solving model to solve a problem. 3.1(B)				

Content		Notes	Check Up		
Representation of Whole Numbers	☐ I can represent the value of whole numbers using expanded notation. 3.2(A)				
	☐ I can explain that when you move to the right on the place value chart, the values are getting ten times smaller; when you move left on a place value chart, the values are getting ten times larger. 3.2(B)				
Comparison of Whole Numbers	☐ I can compare numbers up to 100,000 using <, >, or =. 3.2(D)				
Rounding of Whole Numbers	☐ I can use a number line to round numbers. 3.2(C)				

Process: Ways to Show		Notes	Check Up		
Creating/Using Representations	☐ I can create a representation of my math solution and explain it to another person. 3.1(E)				
Analyzing Information	☐ I can describe and connect math ideas. 3.1(F)				

Process
Content
Process

Fractions

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	☐ I can determine what math I need to use to solve a problem. 3.1(A)				
Using Problem Solving Models	☐ I can use a problem-solving model to solve a problem. 3.1(B)				

Content		Notes	Check Up		
Representation of Fractions	☐ I can use objects and pictures to represent fractions. 3.3(A)				
	☐ I can divide a whole object or set of objects into parts and represent the parts as a fraction. 3.3(E)				
	☐ I can show where $\frac{1}{2}$, $\frac{1}{4}$, and $\frac{1}{8}$ would be on a number line. 3.3(B), 3.7(A)				
Unit Fractions	☐ I can explain a unit fraction. 3.3(C)				
	☐ I can compose and decompose a fraction into the sum of its unit fractions. 3.3(D)				
	☐ I can decompose a shape into equal parts and identify each part as a unit fraction. 3.6(E)				
Equivalency of Fractions	☐ I can represent and explain why two fractions are equivalent using objects and pictures. 3.3(F), 3.3(G)				
Comparison of Fractions	☐ I can compare two fractions using objects and pictures. 3.3(H)				

Process: Ways to Show		Notes	Check Up		
Creating/Using Representations	☐ I can create a representation of my math solution and explain it to another person. 3.1(E)				
Analyzing Information	☐ I can describe and connect math ideas. 3.1(F)				

Process
Content
Process

Addition and Subtraction of Whole Numbers

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	☐ I can determine what math I need to use to solve a problem. 3.1(A)				
Using Problem Solving Models	☐ I can use a problem-solving model to solve a problem. 3.1(B)				

Content		Notes	Check Up		
Estimation of Whole Numbers	☐ I can round numbers to the nearest 10 or 100 to estimate solutions to math problems. 3.4(B)				
	☐ I can use compatible numbers to estimate solutions to math problems. 3.4(B)				
Addition/ Subtraction of Whole Numbers	☐ I can solve real-world addition and subtraction problems up to 1,000. 3.4(A)				
	☐ I can represent addition and subtraction problems up to 1,000. 3.5(A)				
Money	☐ I can add a collection of coins and bills. 3.4(C)				
Numerical Patterns	☐ I can represent and explain a real-world additive pattern in a table. 3.5(E)				

Process: Ways to Show		Notes	Check Up		
Creating/Using Representations	☐ I can create a representation of my math solution and explain it to another person. 3.1(E)				
Analyzing Information	☐ I can describe and connect math ideas. 3.1(F)				

Process
Content
Process

Multiplication and Division of Whole Numbers

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	☐ I can determine what math I need to use to solve a problem. 3.1(A)				
Using Problem Solving Models	☐ I can use a problem-solving model to solve a problem. 3.1(B)				

Content		Notes	Check Up		
Multiplication of Whole Numbers	☐ I can find the area of a rectangle using multiplication. 3.6(C)				
	☐ I can represent multiplication with objects and pictures. 3.4(D), 3.4(E)				
	☐ I can remember multiplication facts. 3.4(F)				
	☐ I can multiply a two-digit number by a one-digit number. 3.4(G), 3.5(C)				
	☐ I can find a missing value in a multiplication or division equation. 3.5(D)				
Division of Whole Numbers	☐ I can divide a set of objects into equal groups. 3.4(H)				
	☐ I can explain why a number is even or odd. 3.4(I)				
	☐ I can use multiplication facts to remember division facts. 3.4(J)				
Numerical Patterns	☐ I can represent and explain a real-world multiplicative pattern in a table. 3.5(E)				
Multiplication and Division of Whole Numbers	☐ I can represent and solve multi-step, real-world multiplication and division problems. 3.4(K), 3.5(B)				

Process: Ways to Show		Notes	Check Up		
Creating/Using Representations	☐ I can create a representation of my math solution and explain it to another person. 3.1(E)				
Analyzing Information	☐ I can describe and connect math ideas. 3.1(F)				

Student Learning Report: Grade 3 Math
Name _____

Process
Content
Process

Geometry

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	☐ I can determine what math I need to use to solve a problem. 3.1(A)				
Using Problem Solving Models	☐ I can use a problem-solving model to solve a problem. 3.1(B)				

Content		Notes	Check Up		
Two-Dimensional/ Three-Dimensional	☐ I can classify two-dimensional shapes as polygons, triangles, rectangles, pentagons, hexagons, and octagons. 3.6(A)				
	☐ I can sort three-dimensional figures like cones, cylinders, spheres, prisms, and pyramids. 3.6(A)				
	☐ I can explain the difference between a rhombus, parallelogram, trapezoid, rectangle, and square. 3.6(B)				

Process: Ways to Show		Notes	Check Up		
Creating/Using Representations	☐ I can create a representation of my math solution and explain it to another person. 3.1(E)				
Analyzing Information	☐ I can describe and connect math ideas. 3.1(F)				

Student Learning Report: Grade 3 Math

Name _____

Process
Content
Process

Measurement

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	☐ I can determine what math I need to use to solve a problem. 3.1(A)				
Using Problem Solving Models	☐ I can use a problem-solving model to solve a problem. 3.1(B)				

Content		Notes	Check Up		
Area	☐ I can find the area of a rectangle using multiplication. 3.6(C)				
	☐ I can find the area of composite figures. 3.6(D)				
Perimeter	☐ I can solve perimeter problems. 3.7(B)				
Time	☐ I can add and subtract minutes to solve problems involving time. 3.7(C)				
Liquid Capacity/ Weight	☐ I can explain the difference between liquid volume and weight. 3.7(D)				
	☐ I can select the correct tool and unit of measure to determine liquid volume or weight. 3.7(E)				

Process: Ways to Show		Notes	Check Up		
Creating/Using Representations	☐ I can create a representation of my math solution and explain it to another person. 3.1(E)				
Analyzing Information	☐ I can describe and connect math ideas. 3.1(F)				

Process
Content
Process

Data Analysis

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	☐ I can determine what math I need to use to solve a problem. 3.1(A)				
Using Problem Solving Models	☐ I can use a problem-solving model to solve a problem. 3.1(B)				

Content		Notes	Check Up		
Representation of Data	☐ I can explain the information represented on a frequency table. 3.8(A)				
	☐ I can explain the information represented on dot plot. 3.8(A)				
	☐ I can explain the information represented on a pictograph. 3.8(A)				
	☐ I can explain the information represented on a bar graph. 3.8(A)				
Interpretation of Data	☐ I can solve problems using data from a frequency table, dot plot, pictograph, or bar graph. 3.8(B)				

Process: Ways to Show		Notes	Check Up		
Creating/Using Representations	☐ I can create a representation of my math solution and explain it to another person. 3.1(E)				
Analyzing Information	☐ I can describe and connect math ideas. 3.1(F)				

Personal Financial Literacy

Process: Tools to Know		Notes	Check Up		
Applying Math in Everyday Situations	☐ I can determine what math I need to use to solve a problem. 3.1(A)				
Using Problem Solving Models	☐ I can use a problem-solving model to solve a problem. 3.1(B)				

Content		Notes	Check Up		
Earning, Spending, and Saving	☐ I can explain why it is important to save money. 3.9(E)				
	☐ I can explain why it is important to have a budget. 3.9(C)				
	☐ I know how to set up a budget using income, spending, savings, and money I want to give to charity. 3.9(F)				
Borrowing	☐ I can explain what a loan is and that you must pay back the loan with interest. 3.9(D)				
Economics	☐ I can explain that the more you work the more money you make. 3.9(A)				
	☐ I can explain how the cost of a product relates to its availability. 3.9(B)				

Process: Ways to Show		Notes	Check Up		
Creating/Using Representations	☐ I can create a representation of my math solution and explain it to another person. 3.1(E)				
Analyzing Information	☐ I can describe and connect math ideas. 3.1(F)				