Our Lady of the Lake Roman Catholic School
Yearly Course Outline
Math
Third Grade
2024–2025

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Course Description

The math program implements instruction with conceptual understanding, as well as a hands-on approach.

Instructional Materials

The students will use the *enVision* textbook, 2020 edition.

Methods of Assessment and Distribution

All grades are weighted equally and posted regularly. Please check PowerSchool for postings (www.ollpowerschool.org).

Grading Scale

A: 100-94
B: 93-86
C: 85-78
D: 77-70
U: 69 and below

Tentative Course Calendar
***** Dates and course content are subject to change at discretion of teacher or administration. *****

Week	Standards	Objectives (The learner will . . .)	Instructional Materials	Assessments
1st Quarter				
Week 1 *Aug. 12-16*	3.NBT.1	TLW -read, write, and model 3 and 4 digit numbers -use place value understanding and properties of operations to perform multi-digit arithmetic	-place-value blocks -Base 10 blocks	Test 1 (Q1) (Numbers in Base Ten and Place Value)
Week 2 *Aug. 19-23*	3.OA.A.1 3.OA.A.3 3.OA.B.5 3.OA.B.6 3.OA.D.8 3.OA.D.9	TLW -use repeated addition to show the relationship between multiplication and addition -use number lines to join equal groups -use arrays as one way to think about and understand multiplication -understand and use the Commutative Property of Multiplication	-two color counters -vocabulary cards -number lines -colored pencils -grid paper -crayons	Test 2 (Q1) (Lessons 1.1; 1.2; 1.3)
Week 3 *Aug. 26-30*	3.OA.A.2 3.OA.A.4 3.OA.B.5	TLW -use sharing to separate equal groups and to think about division -use repeated subtraction to show the relationship between division and subtraction -gain fluency in multiplication when using 2 and 5 as factors	-two color counters -vocabulary cards -multiplication cars	Test 3 (Q1) (Lessons 1.4; 1.5; 2.1; 2.4; 5.1; 5.2)
Week 4 *Sept. 3-6* *9/2 Labor Day No School*	3.OA.A.1 3.OA.A.2 3.OA.A.3 3.OA.A.4 3.OA.B.5 3.OA.B.6 3.OA.C.7 3.OA.D.8 3.OA.D.9	TLW -Use the appropriate tools to solve problems -Use the CUBES strategy to solve real life world problems -Use strategies to solve multiples of 2 and 5		Test 4 (Q1) (Lessons 1.6; 2.1; 2.4)

Week 5 *Sept. 9-13*	3.OA.A.1 3.OA.A.2 3.OA.A.3 3.OA.A.4 3.OA.B.5 3.OA.B.6 3.OA.C.7 3.OA.D.8 3.OA.D.9	TLW -gain fluency in multiplication when using 9 as s factor -gain fluency in multiplication when using 0 and 1 as factors -gain fluency in multiplication when multiplying by 10	- two color counters -place value blocks -multiplication cards -vocabulary cards	Test 5 (Q1) (Lessons 2.2; 2.3; 2.4; 5.1; 5.2; 5.4)
Week 6 *Sept. 16-20*	3.OA.A.1 3.OA.A.2 3.OA.A.3 3.OA.A.4 3.OA.B.5 3.OA.B.6 3.OA.C.7 3.OA.D.8 3.OA.D.9	TLW -use the distributive property to solve problems involving multiplication within 100 -use the distributive property to break apart unknown facts with 3 or 4 as factors - use the distributive property to break apart unknown facts with 6 or 7 as factors	- two color counters -paper cups -multiplication cards -vocabulary cards	Test 6 (Q1) (Lessons 3.1; 3.2; 3.3; 5.4)
Week 7 *Sept. 23-27* Spirit Week 9/27 Fun Run Kickoff	3.OA.A.1 3.OA.A.2 3.OA.A.3 3.OA.A.4 3.OA.B.5 3.OA.B.6 3.OA.C.7 3.OA.D.8 3.OA.D.9	TLW - use the distributive property to break apart unknown facts with 8 as a factor -use strategies such as bar diagrams and arrays with known facts to solve multiplication problems -use the associative property of multiplication to group factors when multiplying 3 factors	- two color counters -paper cups -multiplication cards -vocabulary cards	Test 7 (Q1) (Lessons 3.4; 3.5; 3.6; 3.7; 5.4)
Week 8 *Sept. 30- Oct. 3* *10/3 Living Rosary 10/4 – No School*	3.OA.A.1 3.OA.A.2 3.OA.A.3 3.OA.A.4 3.OA.B.5 3.OA.B.6 3.OA.C.7 3.OA.D.8 3.OA.D.9	TLW -use number relationships and patterns to develop reasoning strategies to support their recall of the basic multiplication facts -use previously learned concepts and skills to represent and solve problems	-multiplication cards	Test 8 (Q1) (Lessons 2.5; 2.6)
Week 9 *Oct. 7-11*	3.NBT.1 3.NBT.2 3.NBT.3	TLW - solve real-world problems using the properties of	-place value blocks	Test 9 (Q1)(Lessons

10/11 - ½ day (Fun Run)		addition (identity/zero, commutative/order, associative/grouping) -identify patterns in the addition table and explain them using algebraic thinking -use mental to add -use mental to subtract	-two color counters -printer paper -colored pencils -scoot game	8.1; 8.3; 9.1; 9.2; 9.3)
2nd Quarter				
Week 10 *Oct. 14-18*	3.NBT.1 3.NBT.2 3.NBT.3	TLW - solve real-world problems using the properties of addition (identity/zero, commutative/order, associative/grouping) -identify patterns in the addition table and explain them using algebraic thinking -use mental to add -use mental to subtract	-place value blocks -two color counters -printer paper -colored pencils -scoot game	Test 1(Q2) (Lessons 8.4; 8.5; 8.6; 8.7; 9.4; 9.5; 9.6; 9.7)
Week 11 *Oct. 21-25* 10/25 Fun Run Reward Day	3.NBT.1 3.NBT.2 3.NBT.3	TLW -use place value and number lines to round numbers -use rounding or compatible numbers to estimate a sum -use rounding or compatible numbers to estimate a difference -solve one step and multi-step problems using modeling	-number lines -colored pencils	Test 2 (Q2) (Lessons 8.5; 8.6; 8.7; 8.8)
Week 12 *Oct. 28-31* 11/2-OLL Festival	3.NBT.1 3.NBT.2 3.NBT.3	TLW -subtract multi digit numbers using the expanded algorithm -use regrouping (borrowing) to subtract 3 digit numbers -use strategies to add 3 digit numbers and subtract a 3 digit number from another 3 digit number with one or more zeros	-place value blocks -*cm* grid paper	Test 3 (Q2) (Lessons 8.4; 9.4; 9.5; 9.6; 9.7)

		-use addition and subtraction to justify a conjecture		
Week 13 *Nov. 4-8* 11/6 - 11/7 Saints Alive	3.NBT.1 3.NBT.2 3.NBT.3	TLW -subtract across zeros -subtract multi digit numbers using the expanded algorithm -use regrouping (borrowing) to subtract 3 digit numbers -use strategies to add 3 digit numbers and subtract a 3 digit number from another 3 digit number with one or more zeros -use addition and subtraction to justify a conjecture	-place value blocks -*cm* grid paper	Test 4 (Q3) (Lessons 9.4; 9.5; 9.6; 9.7)
Week 14 *Nov. 11-15*	3.NBT.1 3.NBT.2 3.NBT.3	TLW -Solve word problems involving pennies, nickels, dimes, quarters, and bills greater than one dollar, using the dollar and cent symbols appropriately. - gain fluency in all multiplication facts -fluenty multiply facts from 0-12	-flash cards -time quiz	Test 5 (Review of all Multiplication Facts and Money)
Week 15 *Nov. 18-22*	3.OA.A.1 3.OA.A.2 3.OA.A.3 3.OA.A.4 3.OA.B.5 3.OA.B.6 3.OA.C.7 3.OA.D.8 3.OA.D.9	TLW - use multiplication facts to divide - use multiplication facts to find related division facts	-two color counters -colored pencils -multiplication table -multiplication cards -vocabulary cards	Test 6 (Q2) (Lessons 1.4; 1.5; 4.1; 4.2; 4.6; 5.2; 5.3)
Thanksgiving Holidays *Nov. 21-25*				
Week 16 *Dec. 2-6*	3.OA.A.1 3.OA.A.2 3.OA.A.3 3.OA.A.4 3.OA.B.5	TLW - use multiplication facts to divide - use multiplication facts to find related division facts	-two color counters -colored pencils	Test 7 (Q2) (Lessons 4.3; 4.4; 4.5; 4.7; 5.2; 5.3)

			-multiplication table -multiplication cards -vocabulary cards	
Week 17 *Dec. 9-13* 12/ 10- 12/12 Fall Theatre Production	3.OA.A.1 3.OA.A.2 3.OA.A.3 3.OA.A.4 3.OA.B.5 3.OA.B.6 3.OA.C.7 3.OA.D.8 3.OA.D.9	TLW -use previously learned multiplication and division concepts to find and answer hidden questions and unknown (?) variables to solve problems -use the multiplication table and the distributive property to find patterns in factors and products -use number sense and reasoning while practicing multiplication and division basic facts	-multiplication table -colored pencils	Test 8 (Q2) (Lessons 4.8; 4.9; 5.3)
Week 18 *Dec. 16-20* 12/20 - ½ day	3.OA.A.1 3.OA.A.2 3.OA.A.3 3.OA.A.4 3.OA.B.5 3.OA.B.6 3.OA.C.7 3.OA.D.8 3.OA.D.9	TLW -use previously learned multiplication and division concepts to find and answer hidden questions and unknown (?) variables to solve problems -use the multiplication table and the distributive property to find patterns in factors and products -use number sense and reasoning while practicing multiplication and division basic facts	-multiplication table -colored pencils	Test 9 (Q2) (Review of all division facts/all multiplication facts); 5.5; 5.6
Christmas Holidays *Dec. 21 – Jan. 5*				
3rd Quarter				
Week 19 *Jan. 6-10*	3.MD.D.8	TLW -review what area is and how it is different from perimeter -find the perimeter of different polygons -find the perimeter of different polygons with	-*cm* or *in* grid paper -paper clips -construction paper -scissors -colored pencils	Test 1 (Q3) (Lessons 16.1; 16.2; 16.3)

		common shapes review perimeter and area -use the given sides of a polygon and the known perimeter to find the unknow side length -understand the relationship of shapes with the same perimeter and different areas		
Week 20 ***Jan. 13-17***	3.MD.C.5a 3.MD.C.5b 3.MD.C.6 3.MD.C.7a 3.MD.C.7b 3.MD.C.7c 3.MD.D.8	TLW - use unit squares to find the area of a shape - use unit squares to find the area of a figure - use standard units to measure the area of a shape -use unit squares and multiplication to find areas of squares and rectangles -use areas of rectangles to model the distributive property of multiplication	-two color tiles -area of shapes form -*cm* grid paper -colored pencils -printer paper	Test 2 (Q3) (Lessons 6.1; 6.2; 6.3; 6.4; 6.5)
Week 21 ***Jan. 21-24*** 1/20 - No School	3.MD.C.5a 3.MD.C.5b	TLW - use areas of rectangles to find the area of irregular shapes	-*cm* grid paper -colored pencils	Test 3 (Q3) (Lesson 6.6; 6.7; 10.1; 10.2; 10.3; 10.4)
Week 22 ***Jan. 27-31*** Catholic Schools Week 1/31 - Pep Rally	3.MD.B.3 3.MD.B.4	TLW - use graphs to compare and interpret data -use frequency tables and picture graphs to compare and interpret data -use scaled bar graphs to represent data sets - use bar graphs to solve word problems -use words, symbols, and numbers to accurately and precisely solve math problems	-two color tiles -1" and *cm* grid paper	Test 4 (Q3) (Lessons 7.1; 7.2; 7.3; 7.4; 7.5)
Week 23 ***Feb. 3-7***	3.NF.A.1 3.NF.A.2a 3.NF.A.2b	TLW -understand how to read and write unit fractions for equal sized parts of a region	- drawing paper -crayons -colored pencils -rulers	Test 5 (Q3) (Lessons 12.1; 12.2; 12.3)

		-use a fraction to represent multiple copies of a unit fraction -determine and draw the whole (unit) given one part (unit fraction)	-fraction strips	
Week 24 *Feb. 10-14*	3.NF.A.1 3.NF.A.2a 3.NF.A.2b	TLW -represent fractions less than 1 on a number line -represent fractions greater than 1 on a number line -measure length to the nearest half inch and show the data on a line plot -measure length to the nearest fourth inch and show the data on a line plot	-number lines -colored pencils -crayons -strips of paper -rulers	Test 6 (Q3) (Lessons 12.4; 12.5; 12.6; 12.7;12.8)
Week 25 *Feb. 17-21* 2/21 - Eve Parade	3.NF.A.3a 3.NF.A.3b 3.NF.A.3c 3.NF.A.3d	TLW -review basic fractions -find the equivalent fractions that name the same part of the whole -represent equivalent fractions on the number line -use models such as fraction strips to compare fractions that refer to the same whole and have the same denominator -use models such as fraction strips to compare fractions that refer to the same whole and have the same numerator	-number lines -fraction strips	Test 7 (Q3) (Lessons 13.1; 13.2; 13.3; 13.4)
Week 26 *Feb. 24-28* 2/28 – ½ Day Grandparents Day	3.NF.A.3a 3.NF.A.3b 3.NF.A.3c 3.NF.A.3d	TLW -use benchmark numbers to compare fractions -use the number line to compare fractions -use fraction names to represent whole numbers -construct arguments using fractions	-fraction strips -number lines -red pencils/pens/ markers	Test 8 (Q3) (Lessons 13.5; 13.6; 13.7; 13.8)
Mardi Gras Holidays **March 3-7**				
Week 27	3.MD.A.1a	TLW	-blank clocks	Test 9 (Q3)

March 10-14 3/14 – ½ Day	3.MD.A.1b	-show and tell time to the nearest minute using analog and digital clocks	-clock manipulatives	(Lesson 14.1)
4th Quarter				
Week 28 ***March 17-21***	3.MD.A.1b 3.MD.A.1c	TLW -tell and write time to the nearest minute and measure time intervals in minutes -solve word problems involving addition and subtraction to measure quantities of time.	-blank clocks -clock manipulatives	Test 1 (Q4) (Lessons 14.2; 14.3; 14.4; 14.5)
Week 29 ***March 24-28***	3.MD.A.2	TLW -use standard units to estimate liquid volume -use standard units to measure liquid volume -use standard units to estimate masses of solid objects -use a pan balance with metric weights to measure masses of solid objects in grams and kilograms -use pictures to help solve problems about mass and volume	-1*L* bottles -large beakers -large bowls -assorted containers (7) - soup can -different shaped bowls -large pot -water	Test 2 (Q4) (Lessons 14.4; 14.5; 14.6; 14.7; 14.8; 14.9)
Week 30 ***March 31 - Apr 4***	3.G.A.1 3.G.A.2	TLW -identify quadrilaterals and use attributes to describe them -classify shapes according to their attributes -analyze and compare quadrilaterals and group them by their attributes	-quadrilaterals -colored pencils -crayons -set of assorted triangles -large sheet of paper -grid paper -rulers -index cards	Test 3 (Q4) (Lessons 15.1; 15.2; 15.3)
Week 31 ***April 7-11*** 4/8- 4/10 Spring Theatre Production	3.MD.D.8	TLW -review what area is and how it is different from perimeter -find the perimeter of different polygons -find the perimeter of different polygons with	-*cm* or *in* grid paper -paper clips -construction paper -scissors -colored pencils	Test 4 (Q4) (Lessons 16.1; 16.2; 16.3)

		common shapesreview perimeter and area -use the given sides of a polygon and the known perimeter to find the unknow side length -understand the relationship of shapes with the same perimeter and different areas		
Week 32 *April 14-17* 4/17 Passion Play 4/18 Good Friday	3.MD.D.8	TLW -review perimeter and area -use the given sides of a polygon and the known perimeter to find the unknow side length -understand the relationship of shapes with the same perimeter and different areas	-*cm* or *in* grid paper -ruler -various hand drawn polygons	Test 5 (Q4) (Lessons 16.4; 16.5; 16.6)
Easter Holidays *April 21-25*				
Week 33 *April 28-May 2* 5/2 - Field Day ½ Day	3.MD.E.9	TLW -review the different types of coins used when counting money, as well as, the different bills used -solve word problems involving pennies, nickels, dimes, quarters, and bills greater than one dollar, using the dollar and cent symbols appropriately	-play money	Test 6 (Q4) (Money creative assessment)
Week 34 *May 5-9* *5/6 May Crowning*	3.OA.A.1 3.OA.A.2 3.OA.A.3 3.OA.A.4 3.OA.B.5 3.OA.B.6 3.OA.C.7 3.OA.D.8 3.OA.D.9	TLW -step up to 4th grade skills -students will multiply two digit numbers by one digit numbers	-whiteboards -dry erase markers	Test 7 (Q4) (Double digit by single multiplication problems)
Week 35 *May 12-16*	3.OA.A.1 3.OA.A.2 3.OA.A.3 3.OA.A.4 3.OA.B.5 3.OA.B.6	TLW -step up to 4th grade skills -students will multiply three two digit numbers by one digit numbers	-whiteboards -dry erase markers	Test 8 (Q4) (Three digit by single multiplication problems)

	3.OA.C.7 3.OA.D.8 3.OA.D.9	-students will review multiplying two digit numbers by one digit numbers -review all addition and subtraction skills		
Week 36 *May 19-22* 5/22 ½ day	3.OA.A.1 3.OA.A.2 3.OA.A.3 3.OA.A.4 3.OA.B.5 3.OA.B.6 3.OA.C.7 3.OA.D.8 3.OA.D.9	TLW -step up to 4th grade skills -students will multiply three two digit numbers by one digit numbers -students will review multiplying two digit numbers by one digit numbers -review of division facts -review all addition and subtraction skills	-whiteboards -dry erase markers	Test 9 (Q4) (Review of all multiplication skills, division skills, and review of all addition and subtraction facts)