

NFC ACADEMY

FIFTH GRADE DAILY LESSON PLANNER

MATHEMATICS UNITS 1-5

NFC ACADEMY | 3000 N. MERIDIAN ROAD, TALLAHASSEE, FL 32312

NFC Academy Lesson Planner

5th Grade Mathematics Units 1 – 5

This NFC Academy Teacher Guide is designed to keep homeschool families on track for a completion during a school year program of approximately 180 days. Schedules may vary and the parent may adjust the teaching assignments as required by the home schedule, but all work must be completed. Information in this teacher guide comprises five units of study in a course and most units have 10 units for a full year. The parent may record the date each unit is completed or may plan out the unit's work and record the date to be completed. This Teacher Guide is a tool to assist the parent in meeting the educational goals for their child.

The following explanations to this Teacher Guide:

Day: The day of your school year from start date. It should take you 15-18 days to complete a unit and with 10 units per subject that results in the 180 days of the program.

Date to Complete: That can be used to record the date you completed the study, or may be best used by establishing the date for each lesson to be completed. You may do more than one lesson per day when you carry over a lesson to the next day's assignment, and make adjustments to ensure that your child has covered the material adequately. Flexibility can be made to fit your schedule, but most of the time a regular routine helps ensure that you stay on a track to finish as you planned.

Teacher Notes: Refers to the page number from the Teacher's Curriculum Guide that was sent to you. This is where you have the information needed to conduct each lesson.

Student LIFEPAC: The student work book that will correspond to the information from the Teacher Notes.

Worksheet: Refers to the worksheet for the assigned lesson located in the back of the Teacher's Guide. Page number is listed for the worksheet. Check to ensure that you use the worksheet for the page of the lesson in the Student Life Pac and Teacher's Guide lesson of the day.

Mathematics: Refers to the LIFEPAC fifth grade mathematics work texts which are Bible-based and are complete with engaging illustrations and step-by-step lessons like adding, subtracting, word problems, shapes, charts, graphs, operation symbols, fractions, time, place value, measurements, and more. Each work text includes fun illustrations, a variety of math exercises and hands-on activities. Each LIFEPAC unit includes concept reviews, self-tests and one removable, teacher-administered unit test.

NFC Academy Resource Teacher: You will be assigned an NFC Academy Resource teacher who will be available to answer your questions throughout your school year.

Report Cards: Report card grades will be created for each semester with the units 1-5 comprising the grades for the first reporting period. The second report period will be made up of units 6-10. Your NFC Academy Resource teacher will have the necessary paperwork for you to complete. Once you have completed the grades you will submit to your Resource teacher who will complete the report card grades for you. Report card grades will be available online using your RenWeb Parent Portal. Final report cards will be sent to you by the NFC Academy office.

Fifth Grade Math Unit 1

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
1	_____	Place Value, Addition, and Subtraction – p. 3 1 – Place Value – p. 5 Objectives – p. 5 Vocabulary – p. 5-6 Whole Number Place Value – p. 6-9	Answers to questions – p. 26	1.1 – 1.17 Complete these activities – p. 9-11
2	_____	Comparing and Ordering Whole Numbers – p. 11-15	Answers to questions – p. 26	1.18 – 1.29 Complete these activities – p. 15-16
3	_____	Decimal Number Place Value – p. 17-22	Answers to questions – p. 26	1.30 – 1.43 Complete these activities – p. 22-24
4	_____	Comparing and Ordering Decimal Numbers – p. 24-29 Prepare for self-test – p. 31	Answers to questions – p. 26	1.44 – 1.66 Complete these activities – p. 29-31
5	_____	Self-Test 1 – p. 32-34	Answers to self-test – p. 27	Self-Test 1 – p. 32-34
6	_____	2 – Rounding and Estimating – p. 35 Objectives – p. 35 Vocabulary – p. 35-36		
7	_____	Rounding Whole Numbers and Decimals – p. 36-39	Answers to questions – p. 27-28	2.1 – 2.17 Complete these activities – p. 39-40
8	_____	Estimating Sums and Differences – p. 41-44	Answers to questions – p. 28	2.18 – 2.30 Complete these activities – p. 44-46

Fifth Grade Math Unit 1

Day	Date to Complete	Student LIFEPAC	Teacher's Guide	Assignments
9	_____	Adding and Subtracting Mentally – p. 46-50 Prepare for self-test – p. 52	Answers to questions – p. 28	2.31 – 2.47 Complete these activities – p. 51-52
10	_____	Self-Test 2 – p. 53-54	Answers to self-test – p. 29	Self-Test 2 – p. 53-54
11	_____	3 – Addition and Subtraction – p. 55 Objectives – p. 55 Vocabulary – p. 55 Adding and Subtracting Whole Numbers – p. 56-60	Answers to questions – p. 30	3.1 – 3.10 Complete these activities – p. 60-62
12	_____	Adding Decimal Numbers – p. 63-67	Answers to questions – p. 30-31	3.11 – 3.25 Complete these activities – p. 67-68
13	_____	Subtracting Decimal Numbers – p. 69-71 Prepare for self-test – p. 73	Answers to questions – p. 31	3.26 – 3.44 Complete these activities – p. 72-73
14	_____	Self-Test 3 – p. 74-75	Answers to self-test – p. 32	Self-Test 3 – p. 74-75
15	_____	4 – Review – p. 76 Objectives – p. 76		
16	_____	Whole Numbers and Decimals – p. 77-80 Prepare for unit test – p. 83	Answers to questions – p. 33	4.1 – 4.10 Complete these activities – p. 81-82

Fifth Grade Math Unit 1

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFE PAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
17	_____	Unit Test 501 Alternate Unit Test – TG – p. 37-38	Answers to unit test – p. 34 Answers to alternate test – p. 35	Unit Test 501

Congratulations – This Unit Is Complete

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Fifth Grade Math Unit 2

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
1	_____	Multiplying Whole Numbers and Decimals – p. 3 1 – Multiplying Whole Numbers – p. 4 Objectives – p. 4 Vocabulary – p. 5		
2	_____	Review: Basic Math Facts – p. 6-9	Answers to questions – p. 40	1.1 – 1.24 Complete these activities – p. 10-11
3	_____	Properties of Multiplication – p. 12-15	Answers to questions – p. 40-41	1.25 – 1.41 Complete these activities – p. 15-18
4	_____	Multiplying Whole Numbers – p. 18-23 Prepare for self-test – p. 23	Answers to questions – p. 41	1.42 – 1.46 Complete these activities – p. 23
5	_____	Self-Test 1 – p. 24-25	Answers to self-test – p. 41-42	Self-Test 1 – p. 24-25
6-7	_____	2 – Powers – p. 26 Objectives – p. 26 Vocabulary – p. 26 Exponents – p. 27-30	Answers to questions – p. 42	2.1 – 2.14 Complete these activities – p. 30-31
8	_____	Multiplying Whole Numbers by Powers of Ten – p. 32-34	Answers to questions – p. 42-43	2.15 – 2.32 Complete these activities – p. 35-36

Fifth Grade Math Unit 2

Day	Date to Complete	Student LIFEPAK	Teacher's Guide	Assignments
9	_____	Multiplying Decimals by Powers of Ten – p. 37-40 Prepare for self-test – p. 42	Answers to questions – p. 43	2.33 – 2.45 Complete these activities – p. 41-42
10	_____	Self-Test 2 – p. 43-44	Answers to self-test – p. 44	Self-Test 2 – p. 43-44
11	_____	3 – Multiplying Decimal Numbers – p. 45 Objectives – p. 45 Estimating Decimal Products – p. 46-48	Answers to questions – p. 44-45	3.1 – 3.17 Complete these activities – p. 49-50
12	_____	Multiplying Whole Numbers by Decimals – p. 51-56	Answers to questions – p. 45	3.18 – 3.31 Complete these activities – p. 56-58
13	_____	Multiplying Decimals by Decimals – p. 58-63	Answers to questions – p. 45-46	3.32 – 3.41 Complete these activities – p. 63-64
14	_____	Solving Multiplication Problems – p. 65-69 Prepare for self-test – p. 71	Answers to questions – p. 46	3.42 – 3.49 Complete these activities – p. 69-71
15	_____	Self-Test 3 – p. 72-73	Answers to self-test – p. 47	Self-Test 3 – p. 72-73
16	_____	4 – Review – p. 74 Objectives – p. 74 Estimation – p. 74-78 Prepare for unit test – p. 80	Answers to questions – p. 48	4.1 – 4.10 Complete these activities – p. 79-80

Fifth Grade Math Unit 2

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFE PAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
17	_____	Unit Test 502 Alternate Unit Test – TG – p. 51-52	Answers to unit test – p. 49 Answers to alternate test – p. 50	Unit Test 502

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Fifth Grade Math Unit 3

Day	Date to Complete	Student LIFE PAC	Teacher's Guide	Assignments
1-2	_____	Dividing Whole Numbers and Decimals – p. 3 1 – One-Digit Divisors – p. 4 Objectives – p. 4 Vocabulary – p. 5 Understanding Division as Regrouping – p. 5-9	Answers to questions – p. 54	1.1 – 1.14 Complete these activities – p. 9-11
3	_____	Estimating Quotients – p. 11-14	Answers to questions – p. 54	1.15 – 1.38 Complete these activities – p. 14-15
4	_____	Dividing Whole Numbers – p. 16-21	Answers to questions – p. 54-55	1.39 – 1.54 Complete these activities – p. 21-23
5	_____	Remainders – p. 24-27 Prepare for self-test – p. 29	Answers to questions – p. 55-56	1.55 – 1.65 Complete these activities – p. 28-29
6	_____	Self-Test 1 – p. 30-31	Answers to self-test – p. 56-57	Self-Test 1 – p. 30-31
7	_____	2 – Two-Digit Divisors – p. 32 Objectives – p. 32 Vocabulary – p. 32 Review: Divide Numbers That End in Zero – p. 32-35	Answers to questions – p. 57	2.1 – 2.14 Complete these activities – p. 35-36

Fifth Grade Math Unit 3

Day	Date to Complete	Student LIFEPAC	Teacher's Guide	Assignments
8	_____	Dividing Whole Numbers – Part I – p. 37-42	Answers to questions – p. 58	2.15 – 2.27 Complete these activities – p. 42-43
9	_____	Dividing Whole Numbers – Part 2 – p. 43-47	Answers to questions – p. 58-59	2.28 – 2.33 Complete these activities – p. 47
10	_____	Interpreting the Remainder – p. 48-50 Prepare for self-test – p. 52	Answers to questions – p. 59	2.34 – 2.46 Complete these activities – p. 51-52
11	_____	Self-Test 2 – p. 53-54	Answers to self-test – p. 59-60	Self-Test 2 – p. 53-54
12	_____	3 – Decimal Division – p. 55 Objectives – p. 55 Dividing by Powers of Ten – p. 55-58	Answers to questions – p. 60-61	3.1 – 3.22 Complete these activities – p. 58-59
13	_____	Dividing Decimals by Whole Numbers – p. 60-65	Answers to questions – p. 61	3.23 – 3.39 Complete these activities – p. 65-67
14	_____	Dividing with Money – p. 68-72 Prepare for self-test – p. 73	Answers to questions – p. 61-62	3.40 – 3.50 Complete these activities – p. 72-73
15	_____	Self-Test 3 – p. 74-75	Answers to self-test – p. 63	Self-Test 3 – p. 74-75
16	_____	4 – Review – p. 76-81 Objectives – p. 76 Prepare for unit test – p. 83	Answers to questions – p. 64	4.1 – 4.11 Complete these activities – p. 82-83

Fifth Grade Math Unit 3

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFE PAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
17	_____	Unit Test 503 Alternate Unit Test – TG – p. 69-70	Answers to unit test – p. 65-66 Answers to alternate test – p. 66-67	Unit Test 503

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