

NFC ACADEMY

THIRD GRADE DAILY LESSON PLANNER

MATHEMATICS UNITS 1-5

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

NFC Academy Lesson Planner

3th 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 third 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.

Third 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	_____	Addition and Subtraction to 18 and Place Value – p. 3 1 – Add and Subtract to 18 – p. 4	Additional Activities – p. 26-27 Teacher Notes – p. 30 Answers to questions – p. 33	1.1 – 1.5 Complete these activities – p. 4-6 1.6 – 1.8 Complete these activities – p. 7 1.9 Complete this activity – p. 8
2	_____	Number Order – p. 6-7 Numbers can be written – p. 8 Prepare for self-test – p. 8	Answers to questions – p. 33	
3	_____	Self-Test 1 – p. 9 2 – Place Value – p. 10	Answers to self-test – p. 33 Teacher Notes – p. 31 Answers to questions – p. 34	Self-Test 1 – p. 9 2.1 – 2.7 Complete these activities – p. 10-12
4	_____	Add and Subtract 2-digit Numbers – p. 13 Prepare for self-test –p. 16	Answers to questions – p. 34	2.8 – 2.21 Complete these activities – p. 13-16
5	_____	Self-Test 2 – p. 17 3 – Numbers to 999	Answers to self-test – p. 35 Teacher Notes – p. 31 Answers to questions – p. 35	Self-Test 2 – p. 17 3.1 – 3.9 Complete these activities – p. 18-20

Third Grade Math Unit 1

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
6	_____	Add and Subtract 3-digit Numbers – p. 21 Measurement – p. 23 Prepare for self-test – p. 25	Answers to questions – p. 35-36	3.10 – 3.13 Complete these activities – p. 21-22 3.14 – 3.18 Complete these activities – p. 24-25
7	_____	Self-Test 3 – p. 26 4 – Operations – p. 27 Operation Symbols – p. 27	Answers to self-test – p. 36 Teacher Notes – p. 31-32 Answers to questions – p. 37	Self-Test 3 – p. 26 4.1 – 4.4 Complete these activities – p. 27-29
8	_____	Addition with Carrying – p. 30 Cardinal and Ordinal Numbers – p. 31	Answers to questions – p. 37	4.5 Complete this activity – p. 30 4.6 – 4.7 Complete these activities – p. 31-32
9	_____	Time – p. 32 Prepare for self-test – p.35	Answers to questions – p. 37	4.8 – 4.14 Complete these activities – p. 32-35
10	_____	Self-Test 4 – p. 36-37	Answers to self-test – p. 38	Self-Test 4 – p. 36-37
11	_____	5 – Application and Review – p. 38 Prepare for self-test – p. 42	Teacher Notes – p. 32 Answers to questions – p. 38-39	5.1 – 5.19 Complete these activities – p. 38-42
12	_____	Self-Test 5 – p. 43 Prepare for unit test – p.44	Answers to self-test – p.39	Self-Test 5 – p. 43

Third Grade Math Unit 1

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
13	_____	Unit Test 301	Answers to unit test – p. 40	Unit Test 301
		Alternate Unit Test – TG – p. 41-43	Answers to alternate test – p. 40	

Congratulations – This Unit Is Complete

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Third Grade Math Unit 2

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
1	_____	Carrying and Borrowing – p. 3 1 – Family of Facts – p. 4 Fact Families – p. 4 Patterns – p. 5	Teacher Notes – p. 46 Answers to questions – p. 49	1.1 – 1.3 Complete these activities – p. 4-5 1.4 – 1.8 Complete these activities – p. 6
2	_____	Addition Review – p. 7 Subtraction Review – p. 9 Prepare for self-test – p. 9	Answers to questions – p. 49	1.9 – 1.11 Complete these activities – p. 7-8 1.12 Complete these activities – p. 9
3	_____	Self-Test 1 – p. 10 2 – Number Value – p. 11 Place Value – p. 11	Answers to self-test – p. 49 Teacher Notes – p. 46-47 Answers to questions – p. 50	Self-Test 1 – p. 10 2.1 – 2.7 Complete these activities – p. 11-13
4	_____	Addition with Carry – p. 14 Skip Counting – p. 16 Prepare for self-test – p. 17	Answers to questions – p. 50	2.8 – 2.11 Complete these activities – p. 15 2.12 – 2.16 Complete these activities – p. 16-17

Third Grade Math Unit 2

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
5	_____	Self-Test 2 – p. 18-19 3 – Patterns – p. 20 Even and Odd – p. 20	Answers to self-test – p. 50 Teacher Notes – p. 47 Answers to questions – p. 51	Self-Test 2 – p. 18-19 3.1 – 3.5 Complete these activities – p. 20-21
6	_____	Fractions – p. 21 Subtraction with Borrow – p. 25 Prepare for self-test – p. 27	Answers to questions – p. 51	3.6 – 3.10 Complete these activities – p. 22-24 3.11 – 3.17 Complete these activities – p. 25-27
7	_____	Self-Test 3 – p. 28-29 4 – Shapes, Lines, and Money – p. 30 Flat and Solid Shapes – p. 30	Answers to self-test – p. 52 Teacher Notes – p. 47 Answers to questions – p. 52	Self-Test 3 – p. 28-29 4.1 – 4.3 Complete these activities – p. 31-32
8	_____	Money – p. 33 Subtraction Review – p. 35	Answers to questions – p. 52	4.4 – 4.5 Complete these activities – p. 33-34 4.6 Complete this activity – p. 35-36
9	_____	Checking Addition – p. 36 Checking Subtraction – p. 38 Prepare for self-test – p.39	Answers to questions – p. 52	4.7 Complete this activity – p. 37 4.8 Complete this activity – p. 38-39

Third Grade Math Unit 2

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
10	_____	Self-Test 4 – p. 40-41 5 – Application and Review – p. 42 Prepare for self-test – p. 47	Answers to self-test – p. 53 Teacher Notes – p. 48 Answers to questions – p. 53-54	Self-Test 4 – p. 40-41 5.1 – 5.21 Complete these activities – p. 42-47
11	_____	Self-Test 5 – p. 48-49 Prepare for unit test – p. 49	Answers to self-test – p. 54	Self-Test 5 – p. 48-49
12	_____	Unit Test 302 Alternate Unit Test – TG – p. 57-59	Answers to unit test – p. 55 Answers to alternate test – p. 55	Unit Test 302

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Third Grade Math Unit 3

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
1	_____	Facts of Addition, Subtraction, and Fractions – p. 3 1 – Addition and Subtraction Facts – p. 4 Fact Families – p. 4	Teacher Notes – p. 62 Answers to questions – p. 65	1.1 – 1.3 Complete these activities – p. 4-5
2	_____	Addition – p. 5 Prepare for self-test – p. 10	Answers to questions – p. 65	1.4 – 1.11 Complete these activities – p. 5-10
3	_____	Self-Test 1 – p. 11 2 – Standard Measurement – p. 12 Weight – p. 12	Answers to self-test – p. 65 Teacher Notes – p. 63 Answers to questions – p. 66	Self-Test 1 – p. 11 2.1 – 2.2 Complete these activities – p. 12-13
4	_____	Volume – p. 13 Fact Families – p. 15	Answers to questions – p. 66	2.3 – 2.4 Complete these activities – p. 13-14 2.5 – 2.12 Complete these activities – p. 15-16
5	_____	Checking Addition – p. 17 Prepare for self-test – p. 18	Answers to questions – p. 66	2.13 – 2.14 Complete these activities – p. 17-18

Third Grade Math Unit 3

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
6	_____	Self-Test 2 – p. 19-20 3 – Subtraction – p. 21 Subtraction with Borrowing – p. 21	Answers to self-test – p. 67 Teacher Notes – p. 63-64 Answers to questions – p. 67	Self-Test 2 – p. 19-20 3.1 – 3.3 Complete these activities – p. 21-23
7	_____	Number Sentences – p. 24 Checking Subtraction – p. 27 Oral Instruction – p. 28 Prepare for self-test –p. 29	Answers to questions – p. 67-68	3.4 – 3.7 Complete these activities – p. 24-26 3.8 Complete this activity – p. 27-28 3.9 Complete this activity – p. 28-29
8	_____	Self-Test 3 – p. 30-31 4 – Fractions and Standard Measurement – p. 32 Fractions – p. 32	Answers to self-test – p. 68 Teacher Notes – p. 64 Answers to questions – p. 69	Self-Test 3 – p. 30-31 4.1 – 4.2 Complete these activities – p. 32-35
9	_____	Addition Practice – p. 35 Time – p. 38	Answers to questions – p. 69	4.3 – 4.4 Complete these activities – p. 35-37 4.5 Complete this activity – p. 38-39
10	_____	Place Value – p. 39 Prepare for self-test – p. 40	Answers to questions – p. 69	4.6 – 4.9 Complete these activities – p. 39-40

Third Grade Math Unit 3

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
11	_____	Self-Test 4 – p. 41 5 – Application and Review – p. 42 Prepare for self-test – p. 48	Answers to self-test – p. 70 Teacher Notes – p. 64 Answers to questions – p. 70-71	Self-Test 4 – p. 41 5.1 – 5.13 Complete these activities – p. 42-48
12	_____	Self-Test 5 – p. 49-50 Prepare for unit test – p. 50	Answers to self-test – p. 71	Self-Test 5 – p. 49-50
13	_____	Unit Test 303 Alternate Unit Test – TG – p. 73-75	Answers to unit test – p. 72 Answers to alternate test – p. 72	Unit Test 303

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Third Grade Math Unit 4

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
1	_____	Rounding, Estimating, and Story Problems – p. 3 1 – Numbers to Thousands' Place – p. 4 Thousands' Place – p. 4	Teacher Notes – p. 78 Answers to questions – p. 81	1.1 – 1.6 Complete these activities – p. 5-6
2	_____	Addition – p. 6 Prepare for self-test – p. 9	Answers to questions – p. 81	1.7 – 1.12 Complete these activities – p. 6-9
3	_____	Self-Test 1 – p. 10 2 – Rounding and Estimation – p. 11 Rounding – p. 11	Answers to self-test – p. 81 Teacher Notes – p. 79 Answers to questions – p. 82	Self-Test 1 – p. 10 2.1 – 2.3 Complete these activities – p. 11-12
4	_____	Estimation – p. 12 Subtraction with Borrowing – p. 14	Answers to questions – p. 82	2.4 Complete this activity – p. 13 2.5 – 2.7 Complete these activities – p. 14-16
5	_____	Standard Measurement – p. 16 Prepare for self-test – p. 18	Answers to questions – p. 82	2.8 – 2.16 Complete these activities – p. 16-18
6	_____	Self-Test 2 – p. 19-20 3 – Number Words – p. 21	Answers to self-test – p. 82 Teacher Notes – p. 79 Answers to questions – p. 83	Self-Test 2 – p. 19-20 3.1 – 3.4 Complete these activities – p. 21-22

Third Grade Math Unit 4

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
7	_____	Number Words – p. 23 Place Value – p. 24	Answers to questions – p. 83	3.5 – 3.7 Complete these activities – p. 23 3.8 – 3.18 Complete these activities – p. 24-25
8	_____	Patterns – p. 26 Study these examples – p. 27 Prepare for self-test – p. 28	Answers to questions – p. 83	3.19 – 3.20 Complete these activities – p. 26 3.21 – 3.23 Complete these activities – p. 27-28
9	_____	Self-Test 3 – p. 29-30 4 – Number Systems – p. 31 Roman Numerals – p. 31	Answers to self-test – p. 84 Teacher Notes – p. 79 Answers to questions – p. 84	Self-Test 3 – p. 29-30 4.1 – 4.6 Complete these activities – p. 31-33
10	_____	Add and Subtract Fractions – p. 34 Prepare for self-test – p. 39	Answers to questions – p. 84-85	4.7 – 4.10 Complete these activities – p. 36-39
11	_____	Self-Test 4 – p. 40-41 5 – Application and Review – p. 42 Prepare for self-test – p. 48	Answers to self-test – p. 85 Teacher Notes – p. 80 Answers to questions – p. 86	Self-Test 4 – p. 40-41 5.1 – 5.17 Complete these activities – p. 42-48
12	_____	Self-Test 5 – p. 49-50 Prepare for unit test –p. 50	Answers to self-test – p. 87	Self-Test 5 – p. 49-50

Third Grade Math Unit 4

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
13	_____	Unit Test 304	Answers to unit test – p. 88	Unit Test 304
		Alternate Unit Test – TG – p. 89-91	Answers to alternate test – p. 88	

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Third Grade Math Unit 5

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
1	_____	Plane Shapes and Symmetry – p. 3 1 – Working with Numbers – p. 4 Numbers – p. 4	Teacher Notes – p. 94 Answers to questions – p. 97	1.1 – 1.11 Complete these activities – p. 4-7
2	_____	Cardinal and Ordinal Numbers – p. 8 Fractions – p. 9 Prepare for self-test – p. 10	Answers to questions – p. 97	1.12 – 1.16 Complete these activities – p. 8-9 1.17 – 1.21 Complete these activities – p. 9-10
3	_____	Self-Test 1 – p. 11-12 2 – Place Value, Addition, and Subtraction – p. 13 Place Value – p. 13	Answers to self-test – p.98 Teacher Notes – p. 95 Answers to questions – p. 98	Self-Test 1 – p. 11-12 2.1 – 2.2 Complete these activities – p. 14
4	_____	Addition with Carry – p. 14 Temperature – p. 16	Answers to questions – p. 98	2.3 – 2.4 Complete these activities – p. 15
5	_____	Number Sentences – p. 19 Subtraction with Borrow – p. 20 Prepare for self-test – p. 21	Answers to questions – p. 99	2.5 – 2.7 Complete these activities – p. 16-18 2.8 – 2.11 Complete these activities – p. 19-20 2.12 – 2.13 Complete these activities – p. 20-21

Third Grade Math Unit 5

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
6	_____	Self-Test 2 – p. 22-23 3 – Plane Shapes – p. 24 Symmetry – p. 25	Answers to self-test – p. 99 Teacher Notes – p. 95 Answers to questions – p. 100	Self-Test 2 – p. 22-23 3.1 Complete this activity – p. 24-25
7	_____	Rounding – p. 26 Estimation – p. 27	Answers to questions – p. 100	3.2 – 3.4 Complete these activities – p. 26 3.5 Complete this activity – p. 27-28
8	_____	Measurement – p. 28 Prepare for self-test – p. 31	Answers to questions – p. 100	3.6 – 3.11 Complete these activities – p. 28-31
9	_____	Self-Test 3 – p. 32-33 4 – Patterns – p. 34 Odd and Even Numbers – p. 34	Answers to self-test – p. 101 Teacher Notes – p. 96 Answers to questions – p. 101-102	Self-Test 3 – p. 32-33 4.1 – 4.7 Complete these activities – p. 34-36
10	_____	Checking Addition and Subtraction – p. 37 Roman Numerals – p. 39 Prepare for self-test – p. 41	Answers to questions – p. 102	4.8 – 4.9 Complete these activities – p. 37-38 4.10 – 4.16 Complete these activities – p. 39-41
11	_____	Self-Test 4 – p. 42-43 5 – Application and Review – p. 44 Prepare for self-test – p. 50	Answers to self-test – p. 102 Teacher Notes – p. 96 Answers to questions – p. 103	Self-Test 4 – p. 42-43 5.1 – 5.13 Complete these activities – p. 44-50

Third Grade Math Unit 5

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
12	_____	Self-Test 5 – p. 51-52 Prepare for unit test – p. 52	Answers to self-test – p. 104	Self-Test 5 – p. 51-52
13	_____	Unit Test 305 Alternate Unit Test – TG – p. 107-110	Answers to unit test – p. 105 Answers to alternate test – p. 105	Unit Test 305

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