

NFC ACADEMY

SECOND GRADE DAILY LESSON PLANNER

MATHEMATICS UNITS 1-5

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

NFC Academy Lesson Planner

2nd 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 second 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.

Second 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>
1	_____	Numbers and Words to 100 – p. 3-4		
		1. Numbers and Words to 100 – p. 5	Teacher Notes – p. 30-31	Complete these activities – 1.1-1.10, p. 5-10
		Prepare for your self-test – p. 10	Answers – p. 34	
2	_____	Self-Test 1 – p. 11-12	Answers to self-test – p. 34	Self-Test 1 – p. 11-12
		2. Subtraction Facts to 18 – p. 13	Teacher Notes – p. 31	Complete these activities – 2.1, p. 13-15
		Place Value – p. 15	Answers – p. 35	
3	_____		Answers – p. 35	Complete these activities – 2.2-2.5, p. 16-17
4	_____	Add 2-Digit Numbers – p. 18	Answers – p. 35	Complete these activities – 2.6-2.7, p. 18
		Subtract 2-Digit Numbers – p. 19		Complete these activities – 2.8-2.9, p. 19-20
		Prepare for your self-test – p. 20		
5	_____	Self-Test 2 – p. 21-22	Answers to self-test – p. 35	Self-Test 2 – p. 21-22
		3. Number Order – p. 23	Teacher Notes – p. 32	Complete these activities – 3.1-3.6, p. 23-25
			Answers – p. 36	
6	_____	Operation Symbols – p. 26	Answers – p. 36	Complete these activities – 3.7-3.11, p. 26-29
7	_____	Number Sentences – p. 30	Answers – p. 36	Complete these activities – 3.12, p. 30
		Prepare for your self-test – p. 31		

Second 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>
8	_____	Self-Test 3 – p. 31-32 4. Fact Families – p. 33	Answers to self-test – p. 37 Teacher Notes – p. 32	Self-Test 3 – p. 31-32 Complete these activities – 4.1-4.4, p. 33-35
9	_____	Story Problems – p. 35 Patterns – p. 37	Answers – p. 37 Answers – p. 37-38	Complete these activities – 4.5, p. 36 Complete these activities – 4.6, p. 37
10	_____	Add Three Numbers – p. 38 Prepare for your self-test – p. 40	Answers – p. 38	Complete these activities – 4.7-4.8, p. 38-40
11	_____	Self-Test 4 – p. 41-42 5. Number Order – p. 43	Answers to self-test – p. 38 Teacher Notes – p. 33	Self-Test 4 – p. 41-42 Complete these activities – 5.1 – 5.3, p. 43-44
12	_____	Addition and Subtraction Facts – p. 45	Answers – p. 39 Answers – p. 39	Complete these activities – 5.4-5.7, p. 45-46
13	_____	Operation Symbols – p. 47	Answers – p. 39	Complete these activities – 5.8-5.9, p. 47-48
14	_____	Flat Shapes – p. 49 Prepare for your self-test – p. 49	Answers – p. 39	Complete these activities – 5.10, p. 49
15	_____	Self-Test 5 – p. 50-51 Prepare for your unit test	Answers to self-test – p. 39	Self-Test 5 – p. 50-51
16	_____	Unit Test 201 Alternate Unit Test – TG – p. 41-44	Answers to unit test – p. 40 Answers to alternate test – p. 40	Unit Test 201

Congratulations – This Unit Is Complete

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Second 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>
1	_____	Add/Subtract and Even/Odd – p. 3-4 1. Numbers and Words to 200 – p. 5	Teacher Notes – p. 46-47 Answers – p. 49 Answers – p. 49	Complete these activities – 1.1-1.4, p. 5-6
2	_____	Addition Facts – p. 7 Even and Odd Numbers – p. 9	Answers – p. 49	Complete these activities – 1.5, p. 7-8 Complete these activities – 1.6, p. 9
3	_____	Skip Counting – p. 10 Prepare for your self-test – p. 10	Answers – p. 49	Complete these activities – 1.7, p. 10
4	_____	Self-Test 1 – p. 11-12 2. Subtraction Facts – p. 13	Answers to self-test – p. 50 Teacher Notes – p. 47 Answers – p. 50	Self-Test 1 – p. 11-12 Complete these activities – 2.1, p. 13-14
5	_____	Fact Families – p. 15	Answers – p. 50	Complete these activities – 2.2, p. 15-16
6	_____	Time – p. 17 Prepare for your self-test – p. 19	Answers – p. 51	Complete these activities – 2.3-2.7, p. 17-19
7	_____	Self-Test 2 – p. 20-21 3. Number Order – p. 22	Answers to self-test – p. 51 Teacher Notes – p. 47 Answers – p. 52	Self-Test 2 – p. 20-21 Complete these activities – 3.1-3.5, p. 22-23
8	_____	Add and Subtract 2-Digit Numbers – p. 23	Answers – p. 52	Complete these activities – 3.6-3.9, p. 24-29

Second 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>
9	_____	Ordinal Numbers – p. 29-30 Prepare for your self-test – p. 32	Answers – p. 52	Complete these activities – 3.10-3.14, p. 30-32
10	_____	Self-Test 3 – p. 33-34 4. Operation Symbols – p. 35	Answers to self-test – p. 53 Teacher Notes – p. 48	Self-Test 3 – p. 33-34 Complete these activities – 4.1-4.3, p. 35
11	_____	Fractions – p. 36	Answers – p. 53	Complete these activities – 4.4-4.8, p. 36-41
12	_____	Money – p. 42	Answers – p. 54	Complete these activities – 4.9-4.13, p. 42-44
13	_____	Flat Shapes – p. 45 Prepare for your self-test – p. 45	Answers – p. 54	Complete these activities – 4.14, p. 45
14	_____	Self-Test 4 – p. 46-47 5. Story Problems and Review – p. 48	Answers to self-test – p. 54 Teacher Notes – p. 48	Self-Test 4 – p. 46-47 Complete these activities – 5.1-5.7, p. 48-54
15	_____	Prepare for your self-test – p. 54 Self-Test 5 – p. 55-56 Prepare for your unit test	Answers to self-test – p. 55	Self-Test 5 – p. 55-56
16	_____	Unit Test 202 Alternate Unit Test – TG – p. 57-60	Answers to unit test – p. 56 Answers to alternate test – p. 56	Unit Test 202

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Second 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>
1	_____	Add with Carrying to the Ten's Place – p. 3-4 1. Number Line – p. 5	Teacher Notes – p. 62-63 Answers – p. 66	Complete these activities – 1.1-1.2, p. 5-6
2	_____	Story Problems – p. 7	Answers – p. 66	Complete these activities – 1.3-1.5, p. 7-8
3	_____	Place Value – p. 9 Prepare for your self-test – p. 11	Answers – p. 66	Complete these activities – 1.6-1.12, p. 9-11
4	_____	Self-Test 1 – p. 12-13 2. Addition with Carry – p. 14	Answers to self-test – p. 66 Teacher Notes – p. 63 Answers – p. 67	Self-Test 1 – p. 12-13 Complete these activities – 2.1-2.6, p. 14-16
5	_____	Measurements – p. 17	Answers – p. 67	Complete these activities – 2.7-2.10, p. 17-20
6	_____	Subtract 2-Digit Numbers – p. 21	Answers – p. 67	Complete these activities – 2.11-2.16, p. 21-23
7	_____	Patterns – p. 24 Prepare for your self-test – p. 24	Answers – p. 67	Complete these activities – 2.17, p. 24
8	_____	Self-Test 2 – p. 25-26 3. Money – p. 27	Answers to self-test – p. 67 Teacher Notes – p. 64 Answers – p. 68	Self-Test 2 – p. 25-26 Complete these activities – 3.1, p. 27

Second Grade Math Unit 3

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
9	_____	Add or Subtract Money – p. 28 Skill Builders – p. 29	Answers – p. 68	Complete these activities – 3.2, p. 28 Complete these activities – 3.3-3.10, p. 29-31
10	_____	Flat Shapes – p. 32 Prepare for your self-test – p. 34	Answers – p. 68	Complete these activities – 3.11-3.16, p. 32-34
11	_____	Self-Test 3 – p. 35-36 4. Facts – p. 37	Answers to self-test – p. 68 Teacher Notes – p. 64 Answers – p. 69	Self-Test 3 – p. 35-36 Complete these activities – 4.1, p. 37-38
12	_____	A.M. and P.M. – p. 39	Answers – p. 69	Complete these activities – 4.2-4.4, p. 40-41
13	_____	Skip Counting – p. 42 Prepare for your self-test – p. 43	Answers – p. 69	Complete these activities – 4.5-4.6, p. 42-43
14	_____	Self-Test 4 – p. 44-45 5. Place Value – p. 46	Answers to self-test – p. 69 Teacher Notes – p. 65 Answers – p. 70	Self-Test 4 – p. 44-45 Complete these activities – 5.1-5.2, p. 46-47
15	_____	Addition with Carry – p. 47 Number Words – p. 48	Answers – p. 70	Complete these activities – 5.3-5.4, p. 47-48 Complete these activities – 5.5-5.9, p. 48-50

Second 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>
16	_____	Fractions – p. 51 Rounding – p. 53	Answers – p. 70-71	Complete these activities – 5.10-5.11, p. 51-52 Complete these activities – 5.12-5.14, p. 53-54
17	_____	Prepare for your self-test – p. 54 Self-Test 5 – p. 56-57 Prepare for your unit test	Answers to self-test – p. 71	Self-Test 5 – p. 56-57
18	_____	Unit Test 203 Alternate Unit Test – TG – p. 73-76	Answers to unit test – p. 72 Answers to alternate test – p. 72	Unit Test 203

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Second Grade Math Unit 4

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFE PAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
1	_____	Numbers and Words to 999 – p. 3-4 1. Numbers and Words to 999 – p. 5 Prepare for your self-test – p. 11	Teacher Notes – p. 78 Answers – p. 82	Complete these activities – 1.1-1.10, p. 5-11
2	_____	Self-Test 1 – p. 12-13 2. Fact Families – p. 14	Answers to self-test – p. 83 Teacher Notes – p. 79 Answers – p. 83	Self-Test 1 – p. 12-13 Complete these activities – 2.1, p. 14-15
3	_____	Add 3-Digit Numbers – p. 16	Answers – p. 83	Complete these activities – 2.2-2.4, p. 16-18
4	_____	Subtract 3-Digit Numbers – p. 19	Answers – p. 83	Complete these activities – 2.5-2.7, p. 19-20
5	_____	Money – p. 21	Answers – p. 83-84	Complete these activities – 2.8-2.9, p. 21-22
6	_____	Time – p. 22 Prepare for your self-test – p. 24	Answers – p. 84	Complete these activities – 2.10-2.13, p. 22-24
7	_____	Self-Test 2 – p. 25-26 3. Solid Shapes – p. 27 Cut-Out Activity – p. 59	Answers to self-test – p. 84 Teacher Notes – p. 80 Answers – p. 85	Self-Test 2 – p. 25-26 Complete these activities – 3.1-3.2, p. 27-28 Cut and Fold – p. 59

Second Grade Math Unit 4

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
8	_____	Check Addition – p. 29	Answers – p. 85	Complete these activities – 3.3-3.4, p. 29
9	_____	Check Subtraction – p. 30 Ordinal Numbers – p. 31	Answers – p. 85	Complete these activities – 3.5, p. 30 Complete these activities – 3.6-3.8, p. 31-32
10	_____	Prepare for your self-test – p. 32 Self-Test 3 – p. 33-34 4. Measurements – p. 35	Answers to self-test – p. 85 Teacher Notes – p. 80	Self-Test 3 – p. 33-34 Complete these activities – 4.1-4.5, p. 35-37
11	_____	Skill Builders – p. 38	Answers – p. 86	Complete these activities – 4.6-4.9, p. 38-40
12	_____	Story Problems – p. 40 Prepare for your self-test – p. 43	Answers – p. 86	Complete these activities – 4.10-4.12, p. 40-43
13	_____	Self-Test 4 – p. 44-45 5. Calendars – p. 46	Answers to self-test – p. 87 Teacher Notes – p. 80-81 Answers – p. 87	Self-Test 4 – p. 44-45 Complete these activities – 5.1-5.3, p. 46-47

Second Grade Math Unit 4

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
14	_____	Time – p. 48	Answers – p. 87	Complete these activities – 5.4-5.8, p. 48-49
15	_____	Making Change – p. 50 Rounding – p. 51	Answers – p. 87-88	Complete these activities – 5.9, p. 50 Complete these activities – 5.10, p. 51
16	_____	Skill Builders – p. 52 Prepare for your self-test – p. 55	Answers – p. 88	Complete these activities – 5.11-5.18, p. 52-55
17	_____	Self-Test 5 – p. 56-57 Prepare for your unit test	Answers to self-test – p. 88	Self-Test 5 – p. 56-57
18	_____	Unit Test 204 Alternate Unit Test – TG – p. 91-94	Answers to unit test – p. 89 Answers to alternate test – p. 89	Unit Test 204

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Second Grade Math Unit 5

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFE PAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
1	_____	Add/Subtract to the Hundreds' Place – p. 3-4 1. Number Sentences – p. 5	Teacher Notes – p. 96-97 Answers – p. 100	Complete these activities – 1.1-1.7, p. 5-7
2	_____	Data and Graphs – p. 8 Prepare for your self-test – p. 10	Answers – p. 100	Complete these activities – 1.8-1.10, p. 8-10
3	_____	Self-Test 1 – p. 11-12 2. Patterns – p. 13	Answers to self-test – p. 101 Teacher Notes – p. 97 Answers – p. 101	Self-Test 1 – p. 11-12 Complete these activities – 2.1-2.4, p. 13-14
4	_____	3-Digit Addition and Subtraction – p. 15	Answers – p. 101	Complete these activities – 2.5-2.7, p. 15-16
5	_____	Place Value – p. 17	Answers – p. 101-102	Complete these activities – 2.8-2.11, p. 17-19
6	_____	Shapes – p. 20 Prepare for your self-test – p. 23	Answers – p. 102	Complete these activities – 2.12-2.15, p. 20-23

Second Grade Math Unit 5

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFE PAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
7	_____	Self-Test 2 – p. 24-25 3. Place Value – p. 26	Answers to self-test – p. 102 Teacher Notes – p. 98 Answers – p. 103	Self-Test 2 – p. 24-25 Complete these activities – 3.1-3.4, p. 26-27
8	_____	Fractions – p. 27	Answers – p. 103	Complete these activities – 3.5-3.6, p. 27-29
9	_____	Fahrenheit Temperature – p. 30	Answers – p. 103	Complete these activities – 3.7-3.12, p. 30-32
10	_____	Skills Builders – p. 33 Prepare for your self-test – p. 34	Answers – p. 103-104	Complete these activities – 3.13-3.18, p. 33-34
11	_____	Self-Test 3 – p. 35-36 4. Add and Subtract Dollars – p. 27	Answers to self-test – p. 104 Teacher Notes – p. 98 Answers – p. 105	Self-Test 3 – p. 35-36 Complete these activities – 4.1-4.6, p. 37-39
12	_____	Skills Builders – p. 40	Answers – p. 105	Complete these activities – 4.7-4.12, p. 40-44
13	_____	Ordinal Numbers – p. 45 Prepare for your self-test – p. 46	Answers – p. 105	Complete these activities – 4.13-4.14, p. 45-46

Second Grade Math Unit 5

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFE PAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
14	_____	Self-Test 4 – p. 47-48 5. Rounding – p. 49	Answers to self-test – p. 106 Teacher Notes – p. 98 Answers – p. 106	Self-Test 4 – p. 47-48 Complete these activities – 5.1-5.6, p. 49-52
15	_____	Word Problems – p. 53 Prepare for your self-test – p. 55	Answers – p. 106	Complete these activities – 5.7-5.11, p. 53-55
16	_____	Self-Test 5 – p. 56-57 Prepare for your unit test	Answers to self-test – p. 107	Self-Test 5 – p. 56-57
17	_____	Unit Test 205 Alternate Unit Test – TG – p. 109-112	Answers to unit test – p. 108 Answers to alternate test – p. 108	Unit Test 205

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