

# NFC ACADEMY

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THIRD GRADE DAILY LESSON PLANNER

SCIENCE UNITS 1-5

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

# NFC Academy Lesson Planner

## 3<sup>th</sup> Grade Science 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.

**Science:** Refers to the LIFEPAC third grade science work texts which are Bible-based and are complete with engaging illustrations and step-by-step lessons that will introduce your students to the senses, animals and plants, health, world, energy, machines, and more. 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 Science Unit 1**

<b><u>Day</u></b>	<b><u>Date to Complete</u></b>	<b><u>Student LIFE PAC</u></b>	<b><u>Teacher's Guide</u></b>	<b><u>Assignments</u></b>
1-2	_____	You Grow and Change – p. 3  1 – Your Body Breathes Air – p. 4  Vocabulary and Special Words – p. 4-5  The Air Comes Into Your Body – p. 6-7	Science Projects List – p. 22  Choose a learning activity to complete while working in section 1 – p. 24  Answers to questions – p. 26	Study New Vocabulary Words – p. 4-5  Ask your teacher to say these words with you. –p. 5  1.1 – 1.2 Answer questions – p. 7
3	_____	The Air Goes to The Lungs – p. 8	Answers to questions – p. 26	1.3 – 1.9 Complete these activities – p. 9-10
4	_____	Discover that Air Fills Space – p. 11	Answers to questions – p. 26	1.10 – 1.15 Answer these questions – p. 11-12
5	_____	The Body Needs Oxygen – p. 12-13	Answers to questions – p. 26	1.16 – 1.20 Answer Yes or No – p. 13
6	_____	The Body Gives off Carbon Dioxide – p. 14  Prepare for self-test – p. 15	Answers to questions – p. 26	1.21 – 1.25 Complete these activities – p. 14-15
7	_____	Self-Test 1 – p. 16-17  2 – Your Body Digests Foods – p. 18  Vocabulary – p. 18-19  Study the picture – p. 19	Answers to self-test – p. 26  Choose a learning activity to complete while working in section 2 – p. 24	Self-Test 1 – p. 16-17  Study New Vocabulary Words – p. 18-19  Ask your teacher to say these words with you. –p. 19

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<b><u>Day</u></b>	<b><u>Date to Complete</u></b>	<b><u>Student LIFE PAC</u></b>	<b><u>Teacher's Guide</u></b>	<b><u>Assignments</u></b>
8	_____	Food Comes into the Mouth – p. 20 Food Goes to the Stomach – p. 21	Answers to questions – p. 27	2.1 – 2.3 Write the answers – p. 20-21 2.4 – 2.7 Matching – p. 21
9	_____	Study Digestion – p. 22 Food Is Ready for the Body – p. 23 Prepare for self-test – p. 24	Answers to questions – p. 27	2.8 Write what you've discovered – p. 22 2.9 – 2.12 Complete these activities – p. 24
10	_____	Self-Test 2 – p. 25-26 3 – Your Body Exercises and Rests – p. 27 Vocabulary – p. 27-28	Answers to self-test – p. 27 Choose a learning activity to complete while working in section 3 – p. 25	Self-Test 2 – p. 25-26 Study New Vocabulary – p. 27 Ask your teacher to say these words with you – p. 28
11	_____	The Muscles Work Hard – p. 28-29	Answers to questions – p. 28	Follow these directions – p. 29 3.1 – 3.7 Complete these activities – p. 30
12	_____	Learn to Take Your Pulse – p. 31	Answers to questions – p. 28	3.8 – 3.14 Complete these activities – p. 32-34
13	_____	The Bones are Important – p. 34-35 The Body Rests – p. 36 Prepare for self-test – p. 37	Answers to questions – p. 28	3.15 – 3.22 Complete these activities – p. 35-36 3.23 – 3.29 Complete these activities – p. 37

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<b><u>Day</u></b>	<b><u>Date to Complete</u></b>	<b><u>Student LIFEPAC</u></b>	<b><u>Teacher's Guide</u></b>	<b><u>Assignments</u></b>
14	_____	Self-Test 3 – p. 38-39  4 – Your Body is Different from an Animal – p. 40  Vocabulary – p. 40	Answers to self-test – p. 28  Choose a learning activity to complete while working in section 4 – p. 25	Self-Test 3 – p. 38-39  Study New Vocabulary – p. 40  Ask your teacher to say these words with you – p. 40
15	_____	Your Conscience and Your Spirit – p. 41	Answers to questions – p. 29	4.1 – 4.6 Choose the word – p. 42
16	_____	Your Mind – p. 43-44  Your Growth – p. 44-45  Prepare for self-test –p. 46	Answers to questions – p. 29	4.7 – 4.13 Complete these activities – p. 45-46
17	_____	Self-Test 4 – p. 47-48  Prepare for unit test – p. 48	Answers to self-test – p. 29	Self-Test 4 – p. 47-48
18	_____	Unit Test 301  Alternate Unit Test – TG – p. 31-33	Answers to unit test – p. 30  Answers to alternate test – p. 30	Unit Test 301

### **Congratulations – This Unit Is Complete**

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## **Third Grade Science Unit 2**

<b><u>Day</u></b>	<b><u>Date to Complete</u></b>	<b><u>Student LIFE PAC</u></b>	<b><u>Teacher's Guide</u></b>	<b><u>Assignments</u></b>
1-2	_____	Plants – p. 3  1 – Plant Parts – p. 4  Vocabulary – p. 4-5  Roots – p. 6	Choose a learning activity to complete while working in section 1 – p. 36  Answers to questions – p. 38	Study New Vocabulary Words – p. 4-5  Ask your teacher to say these words with you. –p. 5  Follow these directions – p. 6  1.1 – 1.4 Complete these activities – p. 7-8
3	_____	Stems – p. 8  Study a Stem – p. 9	Answers to questions – p. 38	Study a Stem – p. 9  1.5 – 1.8 Complete these activities – p. 9-10
4	_____	Leaves – p. 10  Food Storage Parts – p. 11  Prepare for self-test –p. 14	Answers to questions – p. 38	Draw 4 plant parts – p. 12  1.9 – 1.13 Complete these activities – p. 13-14
5	_____	Self-Test 1 – p. 15-16  2 – Plant Growth – p. 17  Vocabulary – p. 17	Answers to self-test – p. 38  Choose a learning activity to complete while working in section 2 – p. 36-37	Self-Test 1 – p. 15-16  Study New Vocabulary Words – p. 17  Ask your teacher to say these words with you –p. 17
6	_____	Water and Minerals, Carbon Dioxide, and Sunlight – p. 18  Grow Some Plants – p.19	Answers to questions – p. 39	Grow Some Plants – p. 19  2.1 – 2.3 Write the answers – p. 19

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7	_____	Temperature – p. 20 Prepare for self-test – p. 22	Answers to questions – p. 39	2.4 – 2.8 Complete these activities – p. 21-22
8	_____	Self-Test 2 – p. 23-24 3 – Plant Changes – p. 25 Vocabulary – p. 25	Answers to self-test – p. 39 Choose a learning activity to complete while working in section 3 – p. 37	Self-Test 2 – p. 23-24 Study New Vocabulary Words – p. 25 Ask your teacher to say these words with you. –p. 25
9-10	_____	Seeds – p. 26	Answers to questions – p. 40	Watch Bean Seeds Grow – p. 27 3.1 – 3.6 Complete these activities – p. 27-29
11	_____	Roots and Stems – p. 30-31	Answers to questions – p. 40	Plant a Piece of Potato – p. 31-32 3.7 – 3.9 Write the answers – p. 32
12	_____	Bulbs – p. 33	Answers to questions – p. 40	Go to the library – p. 33-34
13	_____	Plant Measurement – p. 34	Answers to questions – p. 40	Watch the Bean Plant Grow – p. 35-36 3.10 – 3.11 Write the answers – p. 36
14	_____	When God created Adam and Eve – p. 37 Prepare for self-test – p. 37		
15	_____	Self-Test 3 – p. 38-39 Prepare for unit test – p. 40	Answers to self-test – p. 40	Self-Test 3 – p. 38-39

## **Third Grade Science Unit 2**

<b><u>Day</u></b>	<b><u>Date to Complete</u></b>	<b><u>Student LIFEPAK</u></b>	<b><u>Teacher's Guide</u></b>	<b><u>Assignments</u></b>
16	_____	Unit Test 302 Alternate Unit Test – TG – p. 43-45	Answers to unit test – p. 41 Answers to alternate test – p. 41	Unit Test 302

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### **Third Grade Science Unit 3**

<b><u>Day</u></b>	<b><u>Date to Complete</u></b>	<b><u>Student LIFEPAK</u></b>	<b><u>Teacher's Guide</u></b>	<b><u>Assignments</u></b>
1	_____	Changes in Animals and Environments – p. 3  1 – What Changes an Environment – p. 5  Vocabulary – p. 6  Temperature – p. 7-8	Choose a learning activity to complete while working in section 1 – p. 48  Answers to questions – p. 50	Study New Vocabulary Words – p. 6  1.1 – 1.4 Write your answers – p. 8
2	_____	Record Temperature Changes – p. 9  Compare Temperatures – p. 10	Answers to questions – p. 50	1.5 Record temperatures – p. 9  1.6 – 1.7 Complete these activities – p. 10-11
3	_____	Water – p. 11  Learn About Heat Energy – p. 13	Answers to questions – p. 50	Explore Freezing Temperatures – p. 12  1.8 Answer the question – p. 12  1.9 – 1.13 Complete these activities – p. 13-14
4	_____	You Have Just Discovered – p. 15	Answers to questions – p. 50	1.14 – 1.16 Complete these activities – p. 16-17
5	_____	Light – p. 17-18	Answers to questions – p. 50	Explore an Earthworm's Home – p. 19-20  1.17 – 1.19 Complete these activities – p. 20-21

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6	_____	Soil – p. 21  Prepare for self-test – p. 24	Answers to questions – p. 50	Study Your Soil – p. 22  1.20 – 1.23 Complete these activities – p. 23-24
7	_____	Self-Test 1 – p. 25  2 – How Are Animals Different – p. 26  Vocabulary – p. 26-27  What features appear in your list – p. 29	Answers to self-test – p. 50  Choose a learning activity to complete while working in section 2 – p. 49  Answers to questions – p. 51	Self-Test 1 – p. 25  Study New Vocabulary Words – p. 27  2.1 – 2.2 Complete these activities – p. 28
8	_____	Structure – p. 30-31  People will most often give – p. 32	Answers to questions – p. 51	2.3 – 2.10 Complete these activities – p. 31  2.11 – 2.15 Complete these activities – p. 33
9	_____	Another Group of Vertebrates Is Reptiles – p. 34-35  God is Orderly and Wise – p. 37	Answers to questions – p. 51	2.16 – 2.19 Complete these activities – p. 36-37  2.20 – 2.23 Complete these activities – p. 38
10	_____	Usually, when asked to list – p. 38  Does your list include – p. 39-40	Answers to questions – p. 51	2.24 – 2.25 Complete these activities – p. 39

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11	_____	Kinds of Food – p. 40  When you think of meat-eating animals – p. 41-42	Answers to questions – p. 51	2.26 Do this activity – p. 41  2.27 Do this activity – p. 43
12	_____	Respiration – p. 43    Prepare for self-test – p. 45	Answers to questions – p. 51	Study the Pulse Rate of a Worm – p. 44  2.28 Record in the chart – p. 44-45  Read Explanation after chart – p. 45
13	_____	Self-Test 2 – p. 46-47  3 – How Do Animals Grow and Change – p. 48  Vocabulary – p. 48	Answers to self-test – p. 52  Choose a learning activity to complete while working in section 3 – p. 49	Self-Test 2 – p. 46-47    Study New Vocabulary Words – p. 48
14	_____	Invertebrates – p. 49-50  The adult female of a butterfly – p. 51	Answers to questions – p. 52	3.1 – 3.3 Fill in the blanks – p. 51  Watch Animals Change – p. 52-53  3.4 – 3.6 Complete these activities – p. 53-54
15	_____	Amphibians – p. 55	Answers to questions – p. 52	3.7 – 3.10 Reading activities – p. 56
16	_____	Mammals – p. 57    Prepare for self-test – p. 58	Answers to questions – p. 52	3.11 – 3.12 Study these science words – p. 58
17	_____	Self-Test 3 – p. 59-60  Prepare for unit test – p. 60	Answers to self-test – p. 53	Self-Test 3 – p. 59-60

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<b><u>Day</u></b>	<b><u>Date to Complete</u></b>	<b><u>Student LIFEPAK</u></b>	<b><u>Teacher's Guide</u></b>	<b><u>Assignments</u></b>
18	_____	Unit Test 303 Alternate Unit Test – TG – p. 55-57	Answers to unit test – p. 54 Answers to alternate test – p. 54	Unit Test 303

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