

NFC ACADEMY

FOURTH GRADE DAILY LESSON PLANNER

SCIENCE UNITS 1-5

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

NFC Academy Lesson Planner

4th 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 fourth 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.

Fourth Grade Science Unit 1

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFE PAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
1	_____	Plants – p. 3 Plant Life – p. 5 Why Plants are Living Things – p. 6	Teaching Notes – p. 24 Teaching Notes Section 1 – p. 24 Answers – p. 25	1.1 – 1.11 Complete these activities – p. 7-8
2-3	_____	How Plants are Used – p. 8-11	Answers – p. 25	1.12 – 1.24 Complete these activities – p. 11-12
4	_____	Read about fruits from other countries – p. 13	Answers – p. 25	1.25-1.36 Complete these activities – p. 13
5	_____	Something to do at home – p. 14-16		
6	_____	Made of wood – p. 16	Answers – p. 25	1.37-1.47 Complete these activities – p. 16-17
7	_____	Poem – p. 18 Prepare for self-test– p. 18	Answers – p. 25	1.48-1.49 Complete these activities – p. 18
8	_____	Self-Test 1 – p. 19-20 2 – Plant Parts – p. 21 Objectives – p. 21 Vocabulary – p. 21-22	Answers – p. 26 Teaching Notes – p. 24	Self-Test 1 – p. 19-20
9	_____	What Part Plants Have – p. 22	Answers to questions – p. 26	2.1 – 2.4 Fill in the blanks – p. 22

Fourth Grade Science Unit 1

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
10	_____	How Plant Parts Function – p. 23	Answers to questions – p. 26	2.5 – 2.7 Circle the correct words – p. 24 2.8 Complete these diagrams – p. 24 2.9 Draw a picture – p. 24
11	_____	Stems – p. 25 Experiment – p. 26	Answers to questions – p. 26 Answers to questions – p. 26	2.10 – 2.16 Copy the words – p. 25 2.17 – 2.24 Answer questions related to experiment – p. 27-28
12	_____	Leaves – p. 28 Learn the verse – Psalm 24:1 – p. 30	Answers to questions – p. 26	2.25 – 2.26 Copy the names – p. 29 2.27 Draw the picture – p. 31 2.28 – 2.32 Fill in the blanks – p. 31
13	_____	Choose the right word – p. 32	Answers to questions – p. 26-27	2.33 – 2.38 Choose the right word – p. 32 2.39 – 2.43 Circle the correct word – p. 32 2.44 – 2.50 Write the word – p. 33 2.51 – 2.56 Divide into syllables – p. 33
14	_____	Flowers – p. 34	Answers to questions – p. 27	2.57 – 2.60 Choose the correct word – p. 35 2.61 – 2.67 Write the correct word – p. 36-37

Fourth Grade Science Unit 1

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFE PAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
15	_____	Fruits – p. 37 Prepare for self-test – p. 38	Answers to questions – p. 27	2.68 – 2.71 Name a fruit – p. 37 2.72 – 2.75 Fill in the blanks – p. 38
16	_____	Self-Test 2 – p. 39-41 Prepare for unit test – p. 42	Answers to self-test – p. 27	Self-Test 2 – p. 39-41
17	_____	Unit Test 401 Alternate Unit Test – TG – p. 29-30	Answers to unit test – p. 28 Answers to alternate test – p. 28	Unit Test 401

Congratulations – This Unit Is Complete

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Fourth Grade Science Unit 2

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFE PAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
1	_____	Animals – p. 3 1 – How Animals are Structured – p. 4 Objectives – p. 4 Vocabulary – p. 4-5 How Animals Travel – p. 6	Teaching Notes – p. 32 Answers to questions – p. 34	1.1 – 1.6 Fill in the blanks – p. 7 1.7 – 1.14 True or False – p. 7 1.15 – 1.18 Choose the correct word – p. 9 1.19 – 1.28 True or False – p. 9 1.29 Research – p. 10
2	_____	Mammals are Animals – p. 8	Answers to questions – p. 34	1.30 – 1.33 Choose the correct word – p. 11 1.34 – 1.43 Write the correct answer – p. 15 1.44 – 1.49 Matching – p. 15
3	_____	Birds – p. 10-11 Birds – p. 12-14	Answers to questions – p. 34 Answers to questions – p. 34	1.50 – 1.59 Write the correct word – p. 17 1.60 Do this activity – p. 17
4	_____	Reptiles – p. 16	Answers to questions – p. 34	1.61 – 1.65 Answer the questions – p. 18-19 1.66 Use an encyclopedia – p. 19
5	_____	Fish – p. 18	Answers to questions – p. 34-35	

Fourth Grade Science Unit 2

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
6	_____	How Animals Eat and Digest Food – p. 20 How Animals Breathe – p. 21 Prepare for self-test – p. 22	Answers to questions – p. 35 Answers to questions – p. 35	1.67 – 1.70 Answer these questions – p. 20 1.71 – 1.80 Write the correct answer – p. 21-22
7	_____	Self-Test 1 – p. 23-25 2 – How Animals Act – p. 26 Objectives – p. 26 Vocabulary – p. 27	Answers to self-test – p. 35-36 Teaching Notes – p. 32-33	Self-Test 1 – p. 23-25
8	_____	Mammals – p. 27-29	Answers to questions – p. 36	2.1 – 2.8 True or False – p. 29
9	_____	Fish – p. 29-30	Answers to questions – p. 36	2.9 – 2.19 Choose the correct word – p. 31
10	_____	Birds – p. 32-33	Answers to questions – p. 36	2.20 – 2.24 True or False – p. 33 2.25 Answer the question – p. 33
11	_____	Insects – p. 34	Answers to questions – p. 36	2.26 Research – p. 35 2.27 – 2.31 Complete these activities – p. 36
12	_____	Reading Rule – p. 36	Answers to questions – p. 36-37	2.32 – 2.48 Use the reading rules to answer the questions – p. 36-37
13	_____	Crickets – p. 38 Prepare for self-test – p. 38	Answers to questions – p. 37	2.49 – 2.51 Write the correct word – p. 38

Fourth Grade Science Unit 2

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFE PAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
14	_____	Self-Test 2 – p. 39-40 3 – How Animals are Provided for and Protected – p. 41 Objectives – p. 41 Vocabulary – p. 41	Answers to self-test – p. 37 Teaching Notes – p. 33	Self-Test 2 – p. 39-40
15	_____	God Gave Instinct to Animals – p. 42	Answers to questions – p. 38	3.1 – 3.7 Circle the letter – p. 43
16	_____	Green Turtle – p. 44-45	Answers to questions – p. 38	3.8 – 3.14 True or False – p. 46 3.15 Do this activity – p. 46
17	_____	Man Protects Animals – p. 47 Something to do – p. 48 Prepare for self-test – p. 49	Answers to questions – p. 38	3.16 – 3.21 True or False – p. 48
18	_____	Self-Test 3 – p. 50-51 Jack Miner's Fame – p. 52 Prepare for unit test – p. 52	Answers to self-test – p. 38	Self-Test 3 – p. 50-51
19	_____	Unit Test 402 Alternate Unit Test – TG – p. 41-43	Answers to unit test – p. 39 Answers to alternate test – p. 39	Unit Test 402

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Fourth Grade Science Unit 3

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFE PAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
1	_____	Man and His Environment – p. 3 1 – Man Depends on God's Plan – p. 4 Objectives – p. 4 Vocabulary – p. 4-5 Ecology – p. 6	Teaching Notes – p. 46 Answers to questions – p. 48	1.1 – 1.12 Answer these questions – p. 7-9
2	_____	Resources – p. 10	Answers to questions – p. 48	1.13 – 1.14 Write your answers – p. 10 1.15 – 1.21 Write the correct word – p. 11 1.22 – 1.24 Answer these questions – p. 12 1.25 – 1.26 Complete these activities – p. 13
3	_____	Food Chain – p. 14	Answers to questions – p. 48	1.27 – 1.33 Make the food chains – p. 14-16
4	_____	Populations – p. 16-17	Answers to questions – p. 48	1.34 – 1.42 Think and write – p. 16-19
5	_____	More producers than consumers – p. 20 Balance of Nature – p. 21 Prepare for self-test – p. 23	Answers to questions – p. 48 Answers to questions – p. 48	1.43 – 1.47 Think and write – p. 20-21 1.48 – 1.54 Think and write – p. 22-23

Fourth Grade Science Unit 3

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFE PAC</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
6	_____	Self-Test 1 – p. 24-25 2 – Man Depends on Communities – p. 26 Objectives – p. 26 Vocabulary – p. 26-27	Answers to self-test – p. 49 Teaching Notes – p. 46	Self-Test 1 – p. 24-25
7	_____	Water Communities – p. 27-28 Field Trip – p. 29-30	Answers to questions – p. 50 Answers to questions – p. 50	2.1 – 2.3 Search and Draw – p. 28 2.4 – 2.7 Answer questions related to field trip – p. 30-31 2.8 – 2.11 True or False – p. 32
8	_____	River Community – p. 32 Field Communities – p. 33	Answers to questions – p. 50 Answers to questions – p. 50	2.12 – 2.15 Write the correct answer – p. 33 2.16 – 2.18 Matching – p. 34 2.19 – 2.20 Read and write – p. 34
9	_____	Desert Communities – p. 34-35	Answers to questions – p. 50	2.21 – 2.23 Complete these activities – p. 35-36
10	_____	Forest Communities – p. 36-37	Answers to questions – p. 50	2.24 – 2.26 Do these activities – p. 37
11	_____	Human Communities – p. 38	Answers to questions – p. 50	2.27 – 2.42 Think and write – p. 38-39
12	_____	Human Communities – p. 40 Prepare for self-test – p. 42	Answers to questions – p. 50-51	2.43 – 2.51 Think and write – p. 40-41 2.52 Reading activity – p. 42

Fourth Grade Science Unit 3

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
13	_____	Self-Test 2 – p. 43-45 3 – Man Tries to Save His Environment – p. 46 Objectives – p. 47 Vocabulary – p. 47	Answers to self-test – p. 51 Teaching Notes – p. 47	Self-Test 2 – p. 43-45
14	_____	Carelessness – p. 48-49 Conservation – p. 50-51	Answers to questions – p. 52 Answers to questions – p. 52	3.1 Ask an expert – p. 48 (<i>optional</i>) 3.2 – 3.5 Complete these activities – p. 49-50 3.6 – 3.11 Complete these activities – p. 51-53
15	_____	Scientists are looking – p. 53	Answers to questions – p. 52	3.12 – 3.16 Matching – p. 54
16	_____	Preservation – p. 54-55 Prepare for self-test – p. 57	Answers to questions – p. 52	3.17 Read the Bible – p. 55 3.18 – 3.27 Read and write – p. 55-56 3.28 – 3.35 Write the answers –p. 56-57
17	_____	Self-Test 3 – p. 58-60 Prepare for unit test – p. 60	Answers to self-test – p. 53	Self-Test 3 – p. 58-60

Fourth Grade Science Unit 3

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
18	_____	Unit Test 403 Alternate Unit Test – TG – p. 55-57	Answers to unit test – p. 54 Answers to alternate test – p. 54	Unit Test 403

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