

NFC ACADEMY

SECOND GRADE DAILY LESSON PLANNER

SCIENCE UNITS 1-5

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

NFC Academy Lesson Planner

2nd 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 second 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.

Second 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	_____	Learn with our Friends – p. 3 The Living and the Nonliving – p. 4 God Made Living and Nonliving Objects – p. 6 First and Second Day: Day, Night, and Heaven – p. 7	Teaching Notes – p. 24-25 Teaching Notes Section 1 – p. 24 Answers to questions – p. 27	1.1 – 1.5 Complete these activities – p. 7
2	_____	Third Day: Earth and Sea – p. 8 Third Day: Living Plants – p. 9	Answers to questions – p. 27	1.6 – 1.9 Complete these activities – p. 9-11
3	_____	From previous assignment	Answers to questions – p. 27	1.10 – 1.13 Complete these activities – p. 12-13
4	_____	Fourth Day: Sun and Moon – p. 14	Answers to questions – p. 27	1.14 – 1.18 Complete these activities – p. 14-15
5	_____	Fifth Day: Birds and Fish – p. 15	Answers to questions – p. 27	
6	_____	Sixth Day: Land, Animals, Reptiles, and Man – p. 16	Answers to questions – p. 27	1.19 – 1.26 Complete these activities – p. 17-18
7	_____	Choose the main idea – p. 19 Prepare for self-test – p. 20	Answers to questions – p. 27	1.27 – 1.32 Complete these activities – p. 20
8	_____	Self-Test 1 – p. 21-22	Answers to self-test – p. 27	Self-Test 1 – p. 21-22
9	_____	2. Rock and Seed Experiment – p. 23	Teaching Notes Section 2 – p. 24	2.1 – 2.20 Complete this assignment over five days – p. 26-29

Second Grade Science Unit 1

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
10	_____	Read all the words on the clown – p. 30 Prepare for self-test – p. 31	Answers to questions – p. 28	2.21 – 2.26 Complete these activities – p. 31
11	_____	Self-Test 2 – p. 32-33	Answers to self-test – p. 28	Self-Test 2 – p. 32-33
12	_____	God-Made Objects and Man-Made Objects – p. 34 God-Made Objects – p. 35	Teaching Notes Section 3 – p. 24-25 Answers to questions – p. 29	3.1 – 3.2 Complete these activities – p. 35-36
13	_____	Man-Made Objects – p. 36	Answers to questions – p. 29	3.3 – 3.4 Complete these activities – p. 37
14	_____	Materials in Mad-Made Objects – p. 38 Prepare for self-test – p. 40	Answers to questions – p. 29	3.5 – 3.9 Complete these activities – p. 39-40
15	_____	Self-Test 3 – p. 41-43 Prepare for unit test – p. 43	Answers to self-test – p. 29	Self-Test 3 – p. 41-43
16	_____	Unit Test 201 Alternate Unit Test – TG – p. 31-32	Answers to unit test – p. 30 Answers to alternate test – p. 30	Unit Test 201

Congratulations – This Unit Is Complete

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Second 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	_____	Learn with our Friends – p. 3 Plants – p. 4 New Words – p. 5 1. How Plants Are Like People – p. 6 Words to Study – p. 6 God made the sun to shine – p. 6-7 Prepare for self-test – p. 8	Teaching Notes – p. 34 Teaching Notes – Section 1 – p. 34 Answers to questions – p. 36	1.1 – 1.4 Complete these activities – p. 8
2	_____	Self-Test 1 – p. 9	Answers to self-test – p. 36	Self-Test 1 – p. 9
3	_____	2. How Plants Are the Same – p. 10 Words to Study – p. 11 Seeds – p. 12 Roots – p. 13 Would you like to see a root grow – p. 15	Teacher Notes – Section 2 – p. 34 Answers to questions – p. 36 Answers to questions – p. 36	2.1 – 2.5 Complete these activities – p. 14 Follow these steps – p. 15 2.6 Complete these activities – p. 16
4	_____	Stems – p. 16 It is fun to see the tubes in a plant – p. 17		Follow these steps p. 17
5	_____	Leaves – p. 18-19		

Second 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>
6	_____	The job of making food is over in the fall. – p. 20	Answers to questions – p. 36	2.7 – 2.14 Complete these activities – p. 20-21
7	_____	Buds – p. 21-22 Some buds have flowers – p. 23	Answers to questions – p. 36	2.15 – 2.18 Complete these activities – p. 22 2.19 – 2.22 Complete these activities – p. 23
8	_____	Flowers – p. 24 Would you like to see how a seed grows? – p. 25 Prepare for self-test – p. 28	Answers to questions – p. 36	2.23 – 2.26 Complete these activities – p. 25 Follow these steps – p. 26-28
9	_____	Self-Test 2 – p. 29-30	Answers to self-test – p. 36	Self-Test 2 – p. 29-30
10	_____	3. How Plants Are Different – p. 31 Words to Study – p. 31 Habitat – p. 32	Teacher Notes – Section 3 – p. 35 Answers to questions – p. 37	3.1 – 3.6 Complete these activities – p. 33
11	_____	Growth – p. 34-35 Strange Plants – p. 36 Draw your strange plant – p. 38 Draw your Sweet Potato Plant – p. 39 Prepare for self-test – p. 39	Answers to questions – p. 37	3.7 – 3.13 Complete these activities – p. 37

Second 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>
12	_____	Self-Test 3 – p. 40-42	Answers to self-test – p. 37	Self-Test 3 – p. 40-42
13	_____	4. What Plants Need to Live – p. 43 Air and Light – p. 43	Teacher Notes – Section 4 – p. 35 Answers to questions – p. 37	4.1 – 4.6 Complete these activities – p. 44
14	_____	Water – p. 45 Boys and girls can learn to care for God's plants – p. 46 Prepare for self-test – p. 46	Answers to questions – p. 37	4.7 – 4.13 Complete these activities – p. 45
15	_____	Self-Test 4 – p. 47-49 Prepare for unit test – p. 50	Answers to self-test – p. 37	Self-Test 4 – p. 47-49
16	_____	Unit Test 202 Alternate Unit Test – TG – p. 39-40	Answers to unit test – p. 38 Answers to alternate test – p. 38	Unit Test 202

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Second 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	_____	Learn with our friends – p. 3 Animals – p. 4-5 1. How Animals Are Alike – p. 6 Animals Have Keen Senses – p. 7	Teaching Notes – p. 42-43 Teaching Notes Section 1 – p. 42 Answers to questions – p. 44	1.1 Complete this activity – p. 8
2	_____	You have five senses – p. 9 Animals Communicate – p. 11	Answers to questions – p. 44	1.2 – 1.5 Complete these activities – p. 10 1.6 – 1.10 Complete these activities – p. 12
3	_____	Animals Try to Be Clean – p. 13 Prepare for self-test – p. 15	Answers to questions – p. 44	1.11 – 1.21 Complete these activities – p. 14-15
4	_____	Self-Test 1 – p. 16-17	Answers to self-test – p. 44	Self-Test 1 – p. 16-17
5	_____	2. How Animals Are Different – p. 18-19 Set up your own zoo of animals – p. 20 Look for the secret word – p. 21	Teaching Notes Section 2 – p. 43 Answers to questions – p. 45	2.1 Complete this activity – p. 20 2.2 – 2.5 Complete these activities – p. 21
6	_____	Animals are different sizes and shapes – p. 22 Animals live in different homes – p. 23-24	Answers to questions – p. 45	2.6 – 2.11 Complete these activities – p. 24

Second Grade Science Unit 3

<u>Day</u>	<u>Date to Complete</u>	<u>Student LIFEPAK</u>	<u>Teacher's Guide</u>	<u>Assignments</u>
7	_____	Animals live in different places – p. 25	Answers to questions – p. 45	2.12 Complete this activity – p. 26
8	_____	Animals have different coverings – p. 27 Prepare for self-test – p. 28	Answers to questions – p. 45	2.13 – 2.17 Complete these activities – p. 28
9	_____	Self-Test 2 – p. 29-30	Answers to self-test – p. 45	Self-Test 2 – p. 29-30
10	_____	3. What animals need to live – p. 31 Animals need air, food, and water – p. 32 The Story of Noah and the Ark – p. 33	Teaching Notes Section 3 – p. 43	Draw as many animals in the ark as you can – p. 33
11	_____	Animals need to be safe – p. 34	Answers to questions – p. 45	3.1 – 3.12 Complete these activities – p. 35-36
12	_____	Animals have instincts – p. 37 Prepare for self-test – p. 38	Answers to questions – p. 45	3.13 – 3.17 Complete these activities – p. 38
13	_____	Self-Test 3 – p. 39-41 Prepare for unit test – p. 42	Answers to self-test – p. 45	Self-Test 3 – p. 39-41
14	_____	Unit Test 203 Alternate Unit Test – TG – p. 47-48	Answers to unit test – p.46 Answers to alternate test – p. 46	Unit Test 203

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