



## NFC Academy 2nd Grade Science - Daily Lesson Planner



# 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 LIFEPAK:** 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 LIFEPAK 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 LIFEPAK 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**

<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	_____	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
9-12	_____	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**

<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>
13	_____	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
14	_____	Self-Test 2 – p. 32-33	Answers to self-test – p. 28	Self-Test 2 – p. 32-33
15	_____	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
16	_____	Man-Made Objects – p. 36	Answers to questions – p. 29	3.3 – 3.4 Complete these activities – p. 37
17	_____	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
18	_____	Self-Test 3 – p. 41-43  Prepare for unit test – p. 43	Answers to self-test – p. 29	Self-Test 3 – p. 41-43
19	_____	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**

*The NFC Academy Lesson Planner is the work of NFC Academy for our families and not to be copied or used without specific written permission from the NFC Academy by anyone not an enrolled family at NFC Academy.*

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

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

## **Second 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>
14	_____	Self-Test 3 – p. 40-42	Answers to self-test – p. 37	Self-Test 3 – p. 40-42
15	_____	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
16	_____	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
17	_____	Self-Test 4 – p. 47-49  Prepare for unit test – p. 50	Answers to self-test – p. 37	Self-Test 4 – p. 47-49
18	_____	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

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

*The NFC Academy Lesson Planner is the work of NFC Academy for our families and not to be copied or used without specific written permission from the NFC Academy by anyone not an enrolled family at NFC Academy.*

### **Second Grade Science Unit 3**

<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	_____	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	Answers to questions – p. 44	1.2 – 1.5 Complete these activities – p. 10
3	_____	Animals Communicate – p. 11		1.6 – 1.10 Complete these activities – p. 12
4	_____	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
5	_____	Self-Test 1 – p. 16-17	Answers to self-test – p. 44	Self-Test 1 – p. 16-17
6	_____	2. How Animals Are Different – p. 18-19	Teaching Notes Section 2 – p. 43	
7	_____	Set up your own zoo of animals – p. 20		2.1 Complete this activity – p. 20
8	_____	Look for the secret word – p. 21	Answers to questions – p. 45	2.2 – 2.5 Complete these activities – p. 21
9	_____	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**

<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>
10	_____	Animals live in different places – p. 25	Answers to questions – p. 45	2.12 Complete this activity – p. 26
11	_____	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
12	_____	Self-Test 2 – p. 29-30	Answers to self-test – p. 45	Self-Test 2 – p. 29-30
13	_____	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
14	_____	Animals need to be safe – p. 34	Answers to questions – p. 45	3.1 – 3.12 Complete these activities – p. 35-36
15	_____	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
16	_____	Self-Test 3 – p. 39-41  Prepare for unit test – p. 42	Answers to self-test – p. 45	Self-Test 3 – p. 39-41
17	_____	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

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

*The NFC Academy Lesson Planner is the work of NFC Academy for our families and not to be copied or used without specific written permission from the NFC Academy by anyone not an enrolled family at NFC Academy.*

## **Second Grade Science Unit 4**

<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	_____	Learn with our friends – p. 3  You – p. 4-5  1. You Are Like Other People – p. 7-8	Teaching Notes – p. 50-51  Teaching Notes – Section 1 – p. 50	
2	_____	Everyone Has Bones – p. 9  Everyone Has Muscles – p. 10	Answers to questions – p. 52  Answers to questions – p. 52	1.1 Complete this activity – p. 9-10  1.2 Complete this activity – p. 11
3	_____	Everyone Has Organs – p. 11  Everyone Has Skin – p. 12  Prepare for self-test – p. 13	Answers to questions – p. 52	1.3 – 1.8 Complete these activities – p. 13
4	_____	Self-Test 1 – p. 14-16	Answers to self-test – p. 52	Self-Test 1 – p. 14-16
5	_____	2. You Are Different From Other People – p. 17  You Are Different from Your Friend – p. 18	Teaching Notes Section 2 – p. 50  Answers to questions – p. 52	2.1 – 2.5 Complete these activities – p. 18-19
6	_____	Did you and your friend answer all the questions the same? – p. 20  We Are All Different – p. 22	Answers to questions – p. 52	2.6 Complete this activity – p. 21  2.7 – 2.9 Complete these activities – p. 23
7	_____	Write the words in the book – p. 24  Prepare for self-test – p. 26	Answers to questions – p. 52	2.10 – 2.12 Complete these activities – p. 24-26 (Language Arts integration)
8	_____	Self-Test 2 – p. 27-28	Answers to self-test – p. 52	Self-Test 2 – p. 27-28

## **Second Grade Science Unit 4**

<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>
9	_____	3. You Are Part of a Family – p. 29  Families Do Things Together – p. 30	Teaching Notes Section 3 – p. 51  Answers to questions – p. 53	3.1 – 3.6 Complete these activities – p. 31
10	_____	Families Do Things for Each Other – p. 32  Prepare for self-test – p. 34	Answers to questions – p. 53	3.7 – 3.17 Complete these activities – p. 32-34
11	_____	Self-Test 3 – p. 35-37	Answers to questions – p. 53	Self-Test 3 – p. 35-37
12	_____	4. You Need Good Health Habits – p. 38  Three Good Habits – p. 39	Teaching Notes Section 4 – p. 51	
13	_____	The foods that you should eat the most... – p. 40	Answers to questions – p. 53	4.1 – 4.4 Complete these activities – p. 41
14-15	_____	Three More Good Habits – p. 42  Did you choose d? – p. 43  Prepare for self-test – p. 44	Answers to questions – p. 53	4.5 Complete this activity – p. 42  4.6 Complete this activity – p. 44
16	_____	Self-Test 4 – p. 45-47  Prepare for unit test – p. 48	Answers to self-test – p. 53	Self-Test 4 – p. 45-47
17	_____	Unit Test 204  Alternate Unit Test – TG – p. 55-56	Answers to unit test – p. 54  Answers to alternate test – p. 54	Unit Test 204

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

*The NFC Academy Lesson Planner is the work of NFC Academy for our families and not to be copied or used without specific written permission from the NFC Academy by anyone not an enrolled family at NFC Academy.*

## **Second Grade Science Unit 5**

<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	_____	Learn with our friends – p. 3  Pet and Plant Care – p. 4-5  1. All About Pets – p. 6-8   Pets Are Fun (Part One) – p. 9	Teaching Notes – p. 58  Teaching Notes Section 1 – p. 58  Answers to questions – p. 59	1.1 Complete this activity – p. 8   1.2 – 1.5 Complete these activities – p. 9
2	_____	Lora and Keith liked to visit the pet store – p. 10  Lora and Keith looked around the store – p. 12	Answers to questions – p. 59	1.6 – 1.14 Complete these activities – p. 11  1.15 – 1.18 Complete these activities – p. 13-14
3	_____	Lora saw pretty things to put at the bottom... – p. 15	Answers to questions – p. 59	1.19 – 1.25 Complete these activities – p. 16-18
4	_____	Keith heard a noise – p. 19  Mother came into the store – p. 20	Answers to questions – p. 59	1.26 Complete this activity – p. 19  1.27 – 1.31 Complete these activities – p. 20-21
5	_____	Finding the Right Pet – p. 22  Pets Are Fun (Part Two) – p. 22  Caring for a Pet – p. 23  Pets Are Fun (Part Three) – p. 23	Answers to questions – p. 59	1.32 – 1.43 Complete these activities – p. 24-25

## **Second Grade Science Unit 5**

<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>
6	_____	Mother helped Lora and Keith find the right pet for their family – p. 26  Prepare for self-test – p. 28	Answers to questions – p. 59	1.44 – 1.54 Complete these activities – p. 27-28
7	_____	Self-Test 1 – p. 29-31	Answers to self-test – p. 59	Self-Test 1 – p. 29-31
8	_____	2. All About Plants – p. 32  Learning About a Plant – p. 33  Grow a Plant – p. 33	Teaching Notes Section 2 – p. 58  Answers to questions – p. 60	2.1 – 2.3 Complete these activities – p. 34-35
9	_____	One day at home Lora saw something different – p. 35  In about a week Lora saw roots – p. 37	Answers to questions – p. 60	2.4 Complete this activity – p. 36  2.5 – 2.10 Complete these activities – p. 37
10	_____	Think about plants – p. 38	Answers to questions – p. 60	2.11 – 2.12 Complete these activities – p. 38-39
11-12	_____	The teacher said to the class... – p. 39  Make music from a plant – p. 41	Answers to questions – p. 60	2.13 – 2.15 Complete these activities – p. 40-41  Follow these directions – p. 42  2.16 – 2.19 Complete these activities – p. 43
13	_____	Caring for Plants – p. 43	Answers to questions – p. 60	2.20 – 2.24 Complete these activities – p. 44-45
14	_____	This job will be fun. – p. 46	Answers to questions – p. 60	2.25 – 2.44 Complete these activities – p. 46-49



## **Second Grade Science Unit 5**

<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>
15	_____	Mother said, "Remember, some plants... – p. 49  Mother showed Lora another plant – p. 50  Prepare for self-test – p. 51	Answers to questions – p. 60	2.45 – 2.47 Complete these activities – p. 49  2.48 Complete this activity – p. 51
16	_____	Self-Test 2 – p. 52-54  Prepare for unit test – p. 55	Answers to self-test – p. 61	Self-Test 2 – p. 52-54
17	_____	Unit Test 205  Alternate Unit Test – TG – p. 63-65	Answers to unit test – p. 62  Answers to alternate test – p. 62	Unit Test 205

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

*The NFC Academy Lesson Planner is the work of NFC Academy for our families and not to be copied or used without specific written permission from the NFC Academy by anyone not an enrolled family at NFC Academy.*

# NFC ACADEMY

---

## SECOND GRADE DAILY LESSON PLANNER

SCIENCE UNITS 6-10

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

# NFC Academy Lesson Planner

## 2nd Grade Science Units 6 – 10

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 LIFEPAK:** 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 LIFEPAK 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 LIFEPAK 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 6**

<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	_____	Learn with our friends – p. 3  Your Senses – p. 4-6  1. You Can See – p. 7-8	Teaching Notes – p. 68-69  Teaching Notes Section 1 – p. 68	
2	_____	The Eye – p. 9	Answers to questions – p. 72	1.1 – 1.4 Complete these activities – p. 9-11
3	_____	The Parts of the Eye – p. 12	Answers to questions – p. 72	1.5 – 1.7 Complete these activities – p. 14-15
4	_____	Helps for the Eye – p. 15  You can see many things around you – p. 18	Answers to questions – p. 72  Answers to questions – p. 72	1.8 – 1.12 Complete these activities – p. 17  1.13 – 1.14 Complete these activities – p. 19
5	_____	Some people cannot see – p. 20  Blind people are thankful to be able to read Braille – p. 22  You should be glad that you have eyes and are able to see – p. 23  Prepare for self-test – p. 23	Answers to questions – p. 72	1.15 – 1.16 Complete these activities – p. 21  1.17 – 1.26 Complete these activities – p. 22
6	_____	Self-Test 1 – p. 24-25	Answers to self-test – p. 72	Self-Test 1 – p. 24-25
7	_____	2. You Can Smell – p. 26  The Nose – p. 27	Teaching Notes Section 2 – p. 69  Answers to questions – p. 73	2.1 – 2.7 Complete these activities – p. 28-29

## **Second Grade Science Unit 6**

<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>
8	_____	Draw a line from the things to where you would smell it – p. 30  Prepare for self-test – p. 30	Answers to questions – p. 73	2.8 – 2.9 Complete these activities – p. 30
9	_____	Self-Test 2 – p. 31-32	Answers to self-test – p. 73	Self-Test 2 – p. 31-32
10	_____	3. You Can Hear – p. 33  The Ear – p. 34	Teaching Notes Section 3 – p. 69  Answers to questions – p. 73	3.1 – 3.5 Complete these activities – p. 35
11	_____	Deaf People – p. 36  Hearing God's Word – p. 38  Prepare for self-test – p. 39	Answers to questions – p. 73	3.6 – 3.7 Complete these activities – p. 37  3.8 – 3.10 Complete these activities – p. 38-39
12	_____	Self-Test 3 – p. 40-41	Answers to self-test – p. 73	Self-Test 3 – p. 40-41
13	_____	4. You Can Taste – p. 42  The Tongue – p. 43  Russian Tea Cakes – p. 46  Prepare for self-test – p. 46	Teaching Notes Section 4 – p. 70  Answers to questions – p. 74	4.1 – 4.8 Complete these activities – p. 44-45
14	_____	Self-Test 4 – p. 47-48	Answers to self-test – p. 74	Self-Test 4 – p. 47-48
15	_____	5. You Can Feel – p. 49  The Sense of Touch – p. 50	Teaching Notes Section 5 – p. 70  Answers to questions – p. 75	5.1 – 5.2 Complete these activities – p. 51



## **Second Grade Science Unit 6**

<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	_____	Your sense of touch can help – p. 52 Have some fun – p. 54 Prepare for self-test – p. 55	Answers to questions – p. 75 Answers to questions – p. 75	5.3 Complete this activity – p. 53 5.4 Complete this activity – p. 55
17	_____	Self-Test 5 – p. 56-58 Prepare for unit test – p. 58	Answers to self-test – p. 75	Self-Test 5 – p. 56-58
18	_____	Unit Test 206 Alternate Unit Test – TG – p. 77-78	Answers to unit test – p. 76 Answers to alternate test – p. 76	Unit Test 206

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

*The NFC Academy Lesson Planner is the work of NFC Academy for our families and not to be copied or used without specific written permission from the NFC Academy by anyone not an enrolled family at NFC Academy.*

## **Second Grade Science Unit 7**

<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>
1-2	_____	Learn with our friends – p. 3  Physical Properties – p. 4-6  1. All About Colors – p. 7  Primary Colors – p. 8	Teaching Notes – p. 80-82  Teaching Notes Section 1 – p. 80-81  Answers to questions – p. 83	Do this activity – p. 9  1.1 – 1.6 Complete these activities – p. 9-11  1.7 – 1.16 Complete these activities – p. 12-13
3	_____	Some colors are known as cool colors – p. 11	Answers to questions – p. 83	1.17 – 1.27 Complete these activities – p. 15-18
4	_____	The Rainbow – p. 13-14	Answers to questions – p. 83	Do this activity – p.15  1.28 – 1.35 Complete these activities – p. 21-23
5	_____	Seasons and Holidays – p. 19-20  Prepare for self-test – p. 23	Answers to questions – p. 83	
6	_____	Self-Test 1 – p. 24-26	Answers to self-test – p. 83	Self-Test 1 – p. 24-26
7	_____	2. Shapes and Sizes – p. 27-28  One Shape, Not Another – p. 29	Teaching Notes Section 2 – p. 81-82  Answers to questions – p. 84	2.1 – 2.4 Complete these activities – p. 30
8	_____	Some shapes have names – p. 31	Answers to questions – p. 84	2.5 – 2.9 Complete these activities – p. 31-33
9	_____	Even letters and words have shapes – p. 34		2.10 – 2.11 Complete these activities – p. 34-35

## **Second Grade Science Unit 7**

<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>
10	_____	Clay Shapes – p. 36-37  Homemade Clay – p. 38	Answers to questions – p. 84	2.12 – 2.14 Complete these activities – p.38  Homemade Clay – p. 38
11	_____	Signs and Shapes – p. 39-40  Prepare for self-test – p. 41	Answers to questions – p. 84	2.15 – 2.18 Complete these activities – p. 41
12	_____	Self-Test 2 – p. 42-45	Answers to self-test – p. 84	Self-Test 2 – p. 42-45
13	_____	3. How Things Feel – p. 46  What Does It Feel Like? – p. 47	Teaching Notes Section 3 – p. 82  Answers to questions – p. 85	3.1 – 3.11 Complete these activities – p. 48-49
14	_____	Where you are right now... – p. 50	Answers to questions – p. 85	3.12 – 3.23 Complete these activities – p. 50-51
15	_____	A Story of Wet and Dry – p. 52-53  Prepare for self-test – p. 55	Answers to questions – p. 85	3.26 – 3.32 Complete these activities – p. 54-55
16	_____	Self-Test 3 – p. 56-57  Prepare for unit test – p. 58	Answers to self-test – p. 85	Self-Test 3 – p. 56-57
17	_____	Unit Test 207  Alternate Unit Test – TG – p. 87-89	Answers to unit test – p. 86  Answers to alternate test – p. 86	Unit Test 207

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

*The NFC Academy Lesson Planner is the work of NFC Academy for our families and not to be copied or used without specific written permission from the NFC Academy by anyone not an enrolled family at NFC Academy.*

## **Second Grade Science Unit 8**

<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>
1-2	_____	Learn with our friends – p. 3  Our Neighborhood – p. 4-6  1. What Is Environment – p. 7  Things Not Living – p. 8	Teaching Notes – p. 92-93  Teaching Notes Section 1 – p. 92  Answers to questions – p. 94	1.1 – 1.11 Complete these activities – p. 9-11
3-4	_____	Write a word from the Word Bank to make the right sentence – p. 12	Answers to questions – p. 94	1.12 – 1.20 Complete these activities – p. 12-15
5	_____	Things Living – p. 16-17	Answers to questions – p. 94	1.21 – 1.27 Complete these activities – p. 18-19
6	_____	About three thousand years ago – p. 19  Prepare for self-test – p. 23	Answers to questions – p. 94	1.28 – 1.42 Complete these activities – p. 20-23
7	_____	Self-Test 1 – p. 24-26	Answers to self-test – p. 94	Self-Test 1 – p. 24-26
8	_____	2. What Is Pollution? – p. 27  Smog – p. 28	Teaching Notes Section 2 – p. 92  Answers to questions – p. 95	2.1 – 2.12 Complete these activities – p. 29-31
9	_____	Soon Mother and the children were on their way – p. 31	Answers to questions – p. 95	2.13 – 2.30 Complete these activities – p. 33-36
10	_____	Trash – p. 37	Answers to questions – p. 95	2.31 – 2.36 Complete these activities – p. 38-39
11	_____	Noise – p. 40-41  Prepare for self-test – p. 43	Answers to questions – p. 95	2.37 – 2.47 Complete these activities – p. 41-43

## **Second Grade Science Unit 8**

<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>
12	_____	Self-Test 2 – p. 44-46	Answers to self-test – p. 95	Self-Test 2 – p. 44-46
13	_____	3. What Is Ecology? – p. 47 Ecology – p. 48	Teaching Notes Section 3 – p. 93 Answers to questions – p. 96	3.1 – 3.5 Complete these activities – p. 49-50
14	_____	John Muir – p. 51	Answers to questions – p. 96	3.6 – 3.15 Complete these activities – p. 52-54
15	_____	Mecology – p. 55	Answers to questions – p. 96	3.16 – 3.20 Complete these activities – p. 56
16	_____	Wind Power – p. 57  Prepare for self-test – p. 61	Answers to questions – p. 96	3.21 – 3.33 Complete these activities – p. 58-61
17	_____	Self-Test 3 – p. 62-65 Prepare for unit test – p. 65	Answers to self-test – p. 97	Self-Test – p. 62-65
18	_____	Unit Test 208 Alternate Unit Test – TG – p. 99-102	Answers to unit test – p. 98 Answers to alternate test – p. 98	Unit Test 208

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

*The NFC Academy Lesson Planner is the work of NFC Academy for our families and not to be copied or used without specific written permission from the NFC Academy by anyone not an enrolled family at NFC Academy.*



## **Second Grade Science Unit 9**

<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	_____	Learn with our friends – p. 3  Changes In Our World – p. 4-6  1. People and Animals Change – p. 7  You Change – p. 8	Teaching Notes – p. 104-105  Teaching Notes Section 1 – p. 104  Answers to questions – p. 106	1.1 – 1.7 Complete these activities – p. 9-10
2	_____	Do you girls know why you have changed so much – p. 10-11  I wonder what I will look like when I am old – p. 12-13	Answers to questions – p. 106	1.8 – 1.13 Complete these activities – p. 12  1.14 – 1.21 Complete these activities – p. 13-14
3	_____	Animals Changes – p. 15  Every day when Lynda and Lee Anne – p. 17	Answers to questions – p. 106	1.22 – 1.33 Complete these activities – p. 16  1.34 – 1.37 Complete these activities – p. 17
4	_____	I know another way animals change in the winter – p. 18  I know another animal that changes in the winter – p. 20  Prepare for self-test – p. 22	Answers to questions – p. 106	1.38 – 1.43 Complete these activities – p. 19  1.44 – 1.49 Complete these activities – p. 21-22
5	_____	Self-Test 1 p. 23-25	Answers to self-test – p. 106	Self-Test 1 – p. 23-25
6	_____	2. Weather and Plants Change – p. 26  Seasons Change – p. 27-28	Teaching Notes Section 2 – p. 105  Answers to questions – p. 107	2.1 – 2.6 Complete these activities – p. 29-30

## **Second Grade Science Unit 9**

<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>
7	_____	Sometimes in the winter, the wind blows hard – p. 31	Answers to questions – p. 107	2.7 – 2.12 Complete these activities – p. 31-33
8	_____	Each season has something special said Mother – p. 33  I like summer best, said Lee Anne – p. 36	Answers to questions – p. 107	2.13 – 2.20 Complete these activities – p. 34-35  2.21 – 2.26 Complete these activities – p. 37-38
9	_____	In one season, the leaves of the trees change color – p. 39	Answers to questions – p. 107	2.27 – 2.39 Complete these activities – p. 40-42
10	_____	Plants Change – p. 43-44	Answers to questions – p. 107	Think about this change – p. 43  2.40 – 2.45 Complete these activities – p. 45
11	_____	Some plants change – p. 46  Prepare for self-test – p. 50	Answers to questions – p. 107	2.46 – 2.57 Complete these activities – p. 46-50
12	_____	Self-Test 2 – p. 51-54	Answers to self-test – p. 108	Self-Test 2 – p. 51-54
13	_____	3. God Does Not Change – p. 55  God's Love Does Not Change – p. 56	Teaching Notes Section 3 – p. 105  Answers to questions – p. 109	3.1 – 3.18 Complete these activities – p. 57-60 (Use extra time to complete 3.8 on p. 58)
14	_____	Finish up previous lesson  God's Word Does Not Change – p. 60	Answers to questions – p. 109	3.19 – 3.25 Complete these activities – p. 61

## **Second Grade Science Unit 9**

<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>
15	_____	A long time ago, bad men tried to get rid of all the Bibles – p. 62  Prepare for self-test – p. 64	Answers to questions – p. 109	3.26 – 3.35 Complete these activities – p. 62-64
16	_____	Self-Test 3 – p. 65-67  Prepare for unit test – p. 68	Answers to self-test – p. 109	Self-Test 3 – p. 65-67
17	_____	Unit Test 209  Alternate Unit Test – TG – p. 111-113	Answers to unit test – p. 110  Answers to alternate test – p. 110	Unit Test 209

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

*The NFC Academy Lesson Planner is the work of NFC Academy for our families and not to be copied or used without specific written permission from the NFC Academy by anyone not an enrolled family at NFC Academy.*

## **Second Grade Science Unit 10**

<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	_____	Learn with our friends – p. 3  Looking At Our World – p. 4-7  1. All About Living Things – p. 8-9  Living Things Grow – p. 10	Teaching Notes – p. 116-118  Teaching Notes Section 1 – p. 116  Answers to questions – p. 119	1.1 – 1.13 Complete these activities – p. 11-12
2	_____	Living Things Changes – p. 13	Answers to questions – p. 119	Do Some Study – p. 14  1.14 – 1.15 Complete these activities – p. 15
3	_____	People also change – p. 15  Living Things Need Care – p. 17	Answers to questions – p. 119	1.16 – 1.20 Complete these activities – p. 16-17  1.21 – 1.22 Complete these activities – p. 18-19
4	_____	Living Things Help Us – p. 20  Prepare for self-test – p. 22	Answers to questions – p. 119	1.23 – 1.24 Complete these activities – p. 21-22
5	_____	Self-Test 1 – p. 23-25	Answers to self-test – p. 120	Self-Test 1 – p. 23-25
6	_____	2. Nonliving Things – p. 26-27  How to Describe Objects – p. 28	Teaching Notes Section 2 – p. 116-117  Answers to questions – p. 121	2.1 – 2.6 Complete these activities – p. 28
7	_____	Two other ways to describe objects are color and shape – p. 29  Every object has a shape – p. 31	Answers to questions – p. 121	2.7 Complete this activity – p. 30  2.8 – 2.11 Complete these activities – p. 31-32

## **Second Grade Science Unit 10**

<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>
8	_____	So far you have learned that objects can be described by – p. 32	Answers to questions – p. 121	Have some fun – p. 33  2.13 – 2.15 Complete these activities – p. 34
9	_____	How Objects Change – p. 35  How to Care for Objects – p. 37	Answers to questions – p. 121	2.16 – 2.21 Complete these activities – p. 35-36  2.22 – 2.31 Complete these activities – p. 38-39
10	_____	How Objects Help Us – p. 40	Answers to questions – p. 121	2.33 – 2.36 Complete these activities – p. 40-41
11	_____	How We Sense Objects – p. 42-43  Prepare for self-test – p. 46	Answers to questions – p. 121	2.37 – 2.45 Complete these activities – p. 43-46
12	_____	Self-Test 2 – p. 47-49	Answers to self-test – p. 121	Self-Test 2 – p. 47-49
13	_____	3. All Things Together – p. 50-51  Describing Our Environment – p. 52	Teaching Notes Section 3 – p. 117-118  Answers to questions – p. 122	3.1 – 3.14 Complete these activities – p. 53-55
14	_____	Changes in Our Environment – p. 56  Every season brings changes – p. 58	Answers to questions – p. 122	3.15 – 3.20 Complete these activities – p. 56-57  3.21 – 3.26 Complete these activities – p. 58-59
15	_____	Caring for Our Environment – p. 59-60	Answers to questions – p. 122	3.27 – 3.38 Complete these activities – p. 61-63

## **Second Grade Science Unit 10**

<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	_____	Caring for Ourselves – p. 63 Growing people need exercise – p. 64 Prepare for self-test – p. 65	Answers to questions – p. 122	3.39 Complete this activity – p. 64 3.40 Complete this activity – p. 65
17	_____	Self-Test 3 – p. 66-68 Prepare for unit test – p. 68	Answers to self-test – p. 122	Self-Test 3 – p. 66-68
18	_____	Unit Test 210 Alternate Unit Test – TG – p. 125-127	Answers to unit test – p. 123 Answers to alternate test – p. 123	Unit Test 210

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

*The NFC Academy Lesson Planner is the work of NFC Academy for our families and not to be copied or used without specific written permission from the NFC Academy by anyone not an enrolled family at NFC Academy.*