

# NFC ACADEMY

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**FIRST GRADE DAILY LESSON PLANNER**

**SCIENCE – UNITS 1-5**

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

# NFC Academy Lesson Planner

## 1<sup>st</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 first 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.

**First Grade Science Unit 1**

<b><u>Day</u></b>	<b><u>Date to Complete</u></b>	<b><u>Teacher Guide</u></b>	<b><u>Student LIFEPAK</u></b>	<b><u>Worksheet</u></b>
1	_____	You Learn With Your Eyes; p. 29-30	You Learn With Your Eyes; p. 1	-----
1	_____	Part 1: You See Color; p. 31-32	You See Color; p. 2	Worksheet #1; p. 239
2	_____	You Name Some Colors; p. 33	You Name Some Colors; p. 3	Worksheet #2; p. 240
2	_____	Activity Page; p. 34	Color The Picture; p. 4	-----
3	_____	Activity Page; p. 35-36	Color Circles; p. 5	Worksheet #3 ; p. 241
3	_____	You Group By Color; p. 37	You Group By Color; p. 6	-----
4	_____	Activity Page; p. 38	Color The Picture; p. 7	Worksheet #4; p. 242
4	_____	Colors Can Help You; p. 39	Colors Can Help You; p. 8	-----
4	_____	Color Groups; p. 40	Use Your Eyes; p. 9	-----
4	_____	Review Part 1	Review Part 1	-----
5	_____	Self-Test 1; p. 41-42	Self-Test 1; p. 10-11	Worksheet #5; p. 243 Worksheet #6; p. 244
5	_____	Part 2: You See Shape; p. 43	You See Shape; p. 12	-----
6	_____	You Name Some Shapes; p. 44	You Name Some Shapes; p. 13	-----

**First Grade Science Unit 1**

<b>Day</b>	<b>Date to Complete</b>	<b>Teacher Guide</b>	<b>Student LIFE PAC</b>	<b>Worksheet</b>
6	_____	Squares and Rectangles; p. 45	A Square Has Four Sides; p. 14	Worksheet #7; p. 245
7	_____	Triangles; p. 46	A Triangle Has Three Sides; p. 15	Worksheet #8; p. 246
7	_____	You Group By Shape; p. 47	You Group By Shape; p. 16	-----
8	_____	Shape Groups; p. 48	Use Your Eyes; p. 17	-----
8	_____	Shapes Can Help You; p. 49-50	Shapes Can Help You; p. 18	Worksheet #9; p. 247
9	_____	Activity Page; p. 51	Draw Some Shapes Doing Work; p. 19	-----
9	_____	Review Part 2	Review Part 2	-----
10	_____	Self-Test 2; p. 52	Self-Test 2; p. 20	-----
10	_____	Self-Test 2; p. 53-54	Self-Test 2; p. 21-22;	Worksheet # 10; p. 248
10	_____	Part 3: You See Size; p. 55	Part 3: You See Size; p. 23	-----
11	_____	You Name Some Sizes; p. 56-58	You Name Some Sizes; p. 24-26	Worksheet # 11; p. 249 Worksheet #12; p. 250 Worksheet #13; p. 251
12	_____	You Can Group By Size; p. 59	You Group By Size; p. 27	Worksheet #14; p. 252
13	_____	Changing Size; p. 60-61	Size Can Change; p. 28-29	-----
14	_____	Size Can Help You; p. 62	Size Can Help You; p. 30	Worksheet #15; p. 253
14	_____	Size Groups; p. 63	Use Your Eyes To Group By Size; p. 31	-----
14	_____	Review Part 3	Review Part 3	-----

15	_____	Self-Test 3; p. 64	Self-Test 3; p. 32-33	-----
15	_____	Review All Parts	Review All Parts	-----
16	_____	LIFEPAC Test/Alternate Test; LIFEPAC Test Answer Key, p. 66; Alternate Student Test, p. 329-332; Alternate Answer Key, p. 67	LIFEPAC Test/Alternate Test; (should have been removed at beginning of Study).	-----

**Congratulations – This Unit Is Complete**

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NFC Academy Daily Lesson Planner

**1<sup>st</sup> Grade Science Unit 2**

<b>Day</b>	<b>Date to Complete</b>	<b>Teacher Guide</b>	<b>Student LIFEPAC</b>	<b>Worksheet</b>
1	_____	You Learn With Your Ears; p. 69	You Learn With Your Ears; p. 1	-----
1	_____	Part 1: You Hear Sounds; p. 70-71	You Hear Sounds; p. 2	Worksheet #1; p. 255 Worksheet #2; p. 256
2	_____	Sounds of Nature; p. 72	Sounds of Nature; p. 3	-----
2	_____	Activity Page; p. 73	Draw An Animal For Each Sentence; p. 4	-----
2	_____	Activity Page; p. 74	Match The Animal To The Sound; p. 5	Worksheet #3 ; p. 257
3	_____	Weather Sounds; p. 75	Sound Can Tell You About The Weather; p. 6	-----
3	_____	Quiet Weather; p. 76-77	Some Weather Is Quiet; p. 7	Worksheet #4; p. 258
4	_____	Sounds Of The People; p. 78	Sounds Of The People; p. 8	-----
4	_____	Activity Page; p. 79-80	Circle The One You Should Listen To At School; p. 9	Worksheet #5; p. 259
5	_____	Praise; p. 81	People Make Sounds to Praise God; p. 10	-----
5	_____	Machines; p. 82	People Use Machines To Do Work; p. 11	-----
5	_____	Review Part 1	Review Part 1	-----

**1<sup>st</sup> Grade Science Unit 2**

<b>Day</b>	<b>Date to Complete</b>	<b>Teacher Guide</b>	<b>Student LIFE PAC</b>	<b>Worksheet</b>
6	_____	Self-Test 1; p. 83-84	Self-Test 1; p. 12-13	Worksheet #6; p. 260 Worksheet #7; p. 261
6	_____	Part 2: You Learn About Sound; p.85	Part 2: You Learn About Sound; p. 14	-----
7	_____	Sound is Vibration; p. 86	Sound is Vibration; p. 15	-----
8	_____	Activity Page; p. 87-88	Look At The First Picture; p. 16	Worksheet #8; p. 262 Worksheet #9; p. 263
9	_____	Sound Moves; p. 89-90	Sound Moves; p. 17	-----
9	_____	Activity Page; p. 91	Match The Picture To The Word; p. 18	-----
10	_____	Ears Catch Sound; p. 92	Ears Catch Sound; p. 19	-----
10	_____	Animals Have Ears; p. 93-94	God Gave Special Ears to Animals; p. 20	Worksheet # 10; p. 264
11	_____	Activity Page; p. 95	Make a Cone; p. 21	-----
11	_____	Review Part 2	Review Part 2	-----
12	_____	Self Test 2; p. 96-97	Self Test 2; p. 22-23	Worksheet #11; p. 265
12	_____	Part 3: You Make Sounds; p. 98	You Make Sounds; p. 24	Worksheet # 12; p. 266
13	_____	Activity Page; p. 99* Teacher's Book notes Student Book as p.24, but should be p.25	Draw A Picture of A Place; p. 25	-----
14	_____	You Use Your Voice-Tone; p. 100	You Use Your Voice; p. 26	-----
14	_____	You Use Your Voice- Pitch; p. 101-102	Your Voice Makes High and Low Sounds; p. 27	Worksheet #13; p. 267

**1<sup>st</sup> Grade Science Unit 2**

<b>Day</b>	<b>Date to Complete</b>	<b>Teacher Guide</b>	<b>Student LIFEPAC</b>	<b>Worksheet</b>
15	_____	You Move; p. 103	You Move; p. 28	-----
15	_____	You Move- Rhythm; p. 104	Circle The Pictures That Show Rhythm; p. 29	-----
16	_____	You Make Music; p. 105	You Make Music; p. 30	-----
16	_____	Activity Page; p. 106	Write Loud or Soft; p. 31	-----
16	_____	Review Part 3	Review Part 3	-----
17	_____	Self Test 3; p. 107	Self Test 3; p. 32	-----
17	_____	Self-Test 3; p. 108	Self Test 3; p. 33	-----
17	_____	Review All Parts	Review All Parts	-----
18	_____	LIFEPAC Test/Alternate Test; LIFEPAC Test Answer Key, 109-110; Alternate Answer Key, p. 111; Alternate Student Test, p. 333-336	LIFEPAC Test/Alternate Test; (should have been removed at beginning of Study).	-----

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**First Grade Science Unit 3**

<b>Day</b>	<b>Date to Complete</b>	<b>Teacher Guide</b>	<b>Student LIFEPAK</b>	<b>Worksheet</b>
1	_____	More About Your Senses; p. 113	More About Your Senses; p. 1	-----
1	_____	Part 1: Smell and Taste; p. 114	Smell and Taste; p. 2	-----
1	_____	Activity Page; p. 115	Put An X On Each Thing; p. 3	-----
2	_____	I Use My Nose To Smell; p. 116-117	I Use My Nose To Smell; p. 4-5	Worksheet #1; p. 269
3	_____	Activity Page; p. 118-119	Follow The Dots; p. 6-7	Worksheet #2; p. 270
4	_____	I Use My Tongue to Taste; p. 120-121	I Use My Tongue to Taste; p. 8	Worksheet #3; p. 271
4	_____	Activity Page; p. 122	Draw Something For Each Taste; p. 9	-----
5	_____	Smell and Taste Go Together; p. 123-124	Smell and Taste Go Together; p. 10	Worksheet #4; p. 272
5	_____	Review Part 1	Review Part 1	-----
6	_____	Self-Test 1; p. 125	Self-Test 1; p. 11	-----
6	_____	Part 2: Touch: The Sense of Feeling; p. 126	Part 2: Touch: The Sense of Feeling; p. 12	-----
7	_____	I Feel With My Skin; p. 127-128	I Feel With My Skin; p. 13	Worksheet #5; p. 273
8	_____	Textures; p. 129-130	Use Your Fingers to Find Out; p. 14-16	Worksheet #6; p. 274
9	_____	Wet and Dry; p. 131	You Feel Wet and Dry; p. 17	-----

**First Grade Science Unit 3**

<b>Day</b>	<b>Date to Complete</b>	<b>Teacher Guide</b>	<b>Student LIFEPAC</b>	<b>Worksheet</b>
9	_____	Activity Page; p. 132	Color The Picture; p. 18	Worksheet #7; p. 275
10	_____	Listening; p. 133-134	Look At The Picture; p. 19	Worksheet #8; p. 276
10	_____	Touch Can Help Me; p. 135	Touch Can Help Me; p. 20	-----
11	_____	Activity Page; p. 136	Draw A Line Under Each Word; p. 21	Worksheet #9; p. 277
12	_____	Pain and Pressure; p. 137-138	I Feel Pain and Pressure; p. 22-23	Worksheet #10; p. 278
12	_____	Review Part 2	Review Part 2	-----
13	_____	Self-Test 2; p. 139	Self-Test 2; p. 24-25	-----
13	_____	Part 3: The Senses: A Review; p. 140	Part 3: The Senses: A Review; p. 26	-----
14	_____	I Learn With My Senses; p. 141	I Learn With My Senses; p. 27	Worksheet #11; p. 279
14	_____	Senses; p. 142	Circle The Things You Can See And Hear; p. 28	-----
15	_____	Senses; p. 143	Here Are Some Things You Can Observe With Your Senses; p. 29	Worksheet #12; p. 280
15	_____	My Senses Send Messages To My Brain; p. 144	My Senses Send Messages To My Brain; p. 30	Worksheet #13; p. 281

**First Grade Science Unit 3**

<b>Day</b>	<b>Date to Complete</b>	<b>Teacher Guide</b>	<b>Student LIFEPAC</b>	<b>Worksheet</b>
16	_____	Activity Page; p. 145	Look At The Picture; p. 31	-----
16	_____	God Has A Good Plan; p. 146	God Has A Good Plan; p. 32	-----
16	_____	Review Part 3	Review Part 3	-----
17	_____	Self-Test 3; p. 147	Self-Test 3; p. 33	-----
17	_____	Review All Parts	Review All Parts	-----
18	_____	LIFEPAC Test/Alternate Test; LIFEPAC Test Answer Key, p. 148-149; Alternate Answer Key, p. 150; Alternate Student Test, p. 337-340	LIFEPAC Test/Alternate Test; (should have been removed at beginning of Study)	-----

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**First Grade Science Unit 4**

<b>Day</b>	<b>Date to Complete</b>	<b>Teacher Guide</b>	<b>Student LIFE PAC</b>	<b>Worksheet</b>
1	_____	Animals; p. 151	Animals; p. 1	(optional) Worksheet Patterns; p. 303-314
1	_____	Part 1: Wild Animals; p. 152	Part 1: Wild Animals; p. 2	-----
1	_____	Puzzle Page; p. 153	Color The Puzzle; p. 3	Worksheet #1; p. 283
2	_____	Animals That Eat Meat; p. 154-155	Animals That Eat Meat; p. 4	Worksheet #2; p. 284
2	_____	Activity Page; p. 156	Write The Words; p. 5	Worksheet #3; p. 285
3	_____	Eagles; p. 157-158	An Eagle Eats Meat; p. 6	Worksheet #4; p. 286
3	_____	Activity Page; p. 159	Match The Word To The Picture; p. 7	-----
4	_____	Animals That Eat Plants; p. 160-161	Animals That Eat Plants; p. 8	Worksheet #5; p. 287
4	_____	Sparrows; p. 162-163	A Sparrow Eats Seeds; p. 9	Worksheet #6; p. 288
5	_____	Animals That Eat Plants and Meat; p. 164	Animals That Eat Plants and Meat; p. 10	Worksheet #7; p. 289
5	_____	Activity Page; p. 165	Write The Word; p. 11	-----
6	_____	Raccoons; p. 166	The Raccoon Eats Meat/Plants; p. 12	Worksheet #8; p. 290

**First Grade Science Unit 4**

<b>Day</b>	<b>Date to Complete</b>	<b>Teacher Guide</b>	<b>Student LIFEPAK</b>	<b>Worksheet</b>
7	_____	Grouping Animals; p. 167	Look At The Wild Animals; p. 13	Worksheet #9; p. 291
7	_____	Review Part 1	Review Part 1	-----
8	_____	Self-Test 1; p. 168-169	Self-Test 1; p. 14-15	Worksheet #10; p. 292
8	_____	Part 2: Farm Animals That Give Us Food; p. 170-171	Part 2: Farm Animals; p. 16-17	Worksheet #11; p. 293
9	_____	Animals That Work; p. 172	Animals That Work; p. 18	-----
9	_____	Activity Page; p. 173	Circle The Animals That Work On The Farm; p. 19	-----
10	_____	Care That Farm Animals Need; p. 174	Care That Farm Animals Need; p. 20	Worksheet #12; p. 294
11	_____	Farm Animals; p. 175-176	Write The Word; p. 21	Worksheet #13; p. 295
11	_____	Review Part 2	Review Part 2	-----
12	_____	Self-Test 2: p. 177-178	Self-Test 2: p. 22-23	Worksheet #14; p. 296
12	_____	Part 3: Pet Animals; p. 179	Part 3: Pet Animals; p. 24	-----
13	_____	Activity Page; p. 180	Draw A Pet You Would Like To Have; p. 25	-----
13	_____	Pets That You Can Play With; p. 181	Pets That You Can Play With; p. 26	Worksheet #15; p. 297
13	_____	Activity Page; p. 182	Write The Word; p. 27	-----

**First Grade Science Unit 4**

<b><u>Day</u></b>	<b><u>Date to Complete</u></b>	<b><u>Teacher Guide</u></b>	<b><u>Student LIFEPAC</u></b>	<b><u>Worksheet</u></b>
14	_____	Pets That You Can Watch; p. 183-184	Pets That You Can Watch; p. 28-29	Worksheet #16; p. 298 Worksheet #17; p. 299
15	_____	Ways That You Can Care For Pets; p. 185	Ways That You Can Care For Pets; p. 30	Worksheet #18; p. 300
15	_____	Activity Page; p. 186	Who Gives The Pets What They Need?; p. 31	-----
15	_____	Review Part 3	Review Part 3	-----
16	_____	Self-Test 3; p. 187-188	Self-Test 3; p. 32-33	Worksheet #19; p. 301
16	_____	Review All Parts	Review All Parts	-----
17	_____	LIFEPAC Test/Alternate Test; Answer Key, p. 189-190; Alternate Answer Key, p. 191; Alternate Student Test, p. 341-344	LIFEPAC Test/Alternate Test; (should have been removed at beginning of Study).	-----

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**First Grade Science Unit 5**

<b>Day</b>	<b>Date to Complete</b>	<b>Teacher Guide</b>	<b>Student LIFEPAK</b>	<b>Worksheet</b>
1	_____	Plants; p. 193	Plants; p. 1	-----
1	_____	Part 1: Plants In Nature; p. 194-195	Plants In Nature; p. 2	Worksheet #1; p. 315
1	_____	Activity Page; p. 196	Write The Names of Plants In Nature; p. 3	-----
2	_____	Big Plants; p. 197-198	Big Plants; p. 4	Worksheet #2; p. 316
2	_____	Activity Page; p. 199	Follow The Dots; p. 5	-----
3	_____	Trees; p. 200-201	Some Trees Grow In Special Places; p. 6	-----
3	_____	Activity Page; p. 202	Match The Seed With The Tree; p. 7	Worksheet #3; p. 317 Worksheet #4; p. 318
4	_____	Small Plants; p. 203	Small Plants; p. 8	-----
4	_____	Small Plants; p. 204	Grass Has Green Leaves; p. 9	Worksheet #5; p. 319
5	_____	Small Plants; p. 205	Other Plants Are Small; p. 10	-----
5	_____	God Cares For Plants; p. 206	God Sends Sunlight and Rain; p. 11	Worksheet #6; p. 320
6	_____	Special Plants; p. 207	Special Plants; p. 12	-----
6	_____	Activity Page; p. 208	Draw A Cactus; p. 13	-----
7	_____	Special Plants; p. 209	Some Plants Grow In Water; p. 14	-----

**First Grade Science Unit 5**

<b>Day</b>	<b>Date to Complete</b>	<b>Teacher Guide</b>	<b>Student LIFEPAC</b>	<b>Worksheet</b>
7	_____	Activity Page; p. 210	Follow The Dots and Color The Picture; p. 15	-----
7	_____	Review Part 1	Review Part 1	-----
8	_____	Self-Test 1; p. 211-212	Self-Test 1; p. 16-17	Worksheet #7; p. 321
8	_____	Part 2: Plants On A Farm; p. 213	Part 2: Plants On A Farm; p. 18	-----
8	_____	Activity Page; p. 214	Color The Farmer; p. 19	-----
9	_____	Grain Plants; p. 215	Grain Plants; p. 20	-----
9	_____	Grains; p. 216	Hay Is A Grain, Too; p. 21	-----
10	_____	Vegetables; p. 217-218	Vegetables; p. 22	Worksheet #8; p. 322
10	_____	Activity Page; p. 219	The Farmer Plants Vegetable Seeds; p. 23	-----
11	_____	Fruits; p. 220	Fruits; p. 24	-----
11	_____	Activity Page; p. 221	Circle The Fruits; p. 25	-----
11	_____	Review Part 2	Review Part 2	-----
12	_____	Self-Test 2; p. 222-223	Self-Test 2; p. 26-27	Worksheet #9; p. 323
12	_____	Part 3: Plants At Home; p. 224-225	Plants At Home; p. 28	Worksheet #10; p. 324
13	_____	Activity Page; p. 226-227	Plant A Garden; p. 29	Worksheet #11; p. 325 Worksheet #12; p. 326
13	_____	House Plants; p. 228	House Plants; p. 30	-----



**First Grade Science Unit 5**

<b>Day</b>	<b>Date to Complete</b>	<b>Teacher Guide</b>	<b>Student LIFEPAC</b>	<b>Worksheet</b>
14	_____	Activity Page; p. 229	Grow A Sweet Potato Vine; p. 31	-----
14	_____	Review Part 3	Review Part 3	-----
15	_____	Self Test 3; p. 230	Self Test 3; p. 32-33	-----
15	_____	Review All Parts	Review All Parts	-----
16	_____	LIEPAC Test/Alternate Test; Answer Key, p. 231-232; Alternate Answer Key, p. 233; Alternate Student Test, p. 345-348	LIFEPAC Test/Alternate Test; (should have been removed at beginning of Study).	-----

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