

First Grade Science Curriculum Map and Pacing

Unit A: Needs of Living Things

Number of Days: 24

Teacher Edition Pages: 1a-72

Topic	Lesson	Standard	Number of Days	Teacher Edition	Interactive Reader	HM Reading
Chapter 1: Plants (12 days)						
Vocabulary Preview			1	6		
What Are the Needs of Plants?	1	2b, 4c	3	8-13	4-6	Big Book: T2 S3
What Are the Parts of Plants?	2	2abe, 4ab	1	16-19	7-9	
How Do Roots Help Plants?	3	2abe, 4ab	2	20-25	10-12	
How Do Leaves Help Plants?	4	2abe, 4e	3	26-31	13-16	
Chapter Review and Assessment			2	36-37		
Chapter 2: Animals (10 days)						
Vocabulary Preview			1	40		Big Book: T1, S2 Big Book: T2 S2 Anthology: T5 S1 Anthology: T6 S3 Anthology: T8 S2
What Are the Needs of Animals?	1	2abc, 4bd	3	42-47	24-27	
What Are the Parts of Animals?	2	2abc, 4bd	2	52-57	28-31	
How Do Animals Use Their Mouths?	3	2abcde, 4b	2	58-63	32-36	
Chapter Review and Assessment			2	68-69		
Unit Review and Assessment (2 days)						

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Unit B: Where Plants and Animals Live

Number of Days: 25

Teacher Edition Pages: 73a-144

Topic	Lesson	Standard	Number of Days	Teacher Edition	Interactive Reader	HM Reading
Chapter 3: Living Things Meet Their Needs (13 days)						
Vocabulary Preview			1	78		
What Is an Environment?	1	2abc, 4bd	2	80-85	42-45	Anthology: T3 S3
How Do Living Things Get Energy?	2	2abc, 4bd	3	86-91	46-48	Anthology: T6 S3
Where Do Animals Find Shelter?	3	2abc, 4a	2	94-99	49-51	Big Book: T1 S2
How Do Plants and Animals Live in Different Places?	4	2abc, 4a	3	100-105	52-54	Anthology: T5 S1
Chapter Review and Assessment			2	110-111		
Chapter 4: Kinds of Environments (10 days)						
Vocabulary Preview			1	114		
What Lives Along a Coast?	1	2a, 4b	2	116-121	62-65	Big Book: T3 S1
What Lives in a Stream?	2	2a, 4b	3	124-129	66-70	Anthology: T3 S3
What Lives on a Mountain?	3	2abc, 4b	2	132-137	71-74	Anthology: T8 S1
Chapter Review and Assessment			2	140-141		
Unit Review and Assessment (2 days)						

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Unit C: Weather Patterns

Number of Days: 24

Text Pages: 145a-216

Topic	Lesson	Standard	Number of Days	Teacher Edition	Interactive Reader	HM Reading
Chapter 5: Weather (10 days)						
Vocabulary Preview			1	150		
How Does Weather Change?	1	3b, 4b	2	152-157	80-84	
How Are Weather Tools Used?	2	3abc, 4be	3	160-165	85-88	
What Warms Land, Air, and Water?	3	3abc, 4be	2	168-173	89-93	
Chapter Review and Assessment			2	176-177		
Chapter 6: Seasons (12 days)						
Vocabulary Preview			1	180		
What Is Winter Weather?	1	3ab, 4ab	2	182-187	100-103	Anthology: T3 S1
What Is Spring Weather?	2	3ab, 4ab	2	188-193	104-106	
What Is Summer Weather?	3	3abc, 4bc	2	194-199	107-109	
What Is Fall Weather?	4	3abc, 4bc	3	202-207	110-112	
Chapter Review and Assessment			2	212-213		
Unit Review and Assessment (2 days)						

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Unit D: Materials and Their Forms

Number of Days: 24

Text Pages: 217a-288

Topic	Lesson	Standard	Number of Days	Teacher Edition	Interactive Reader	HM Reading
Chapter 7: Solids, Liquids, and Gases (9 days)						
Vocabulary Preview			1	222		
What Are Solids?	1	1a, 4d	2	224-229	118-122	
What Are Liquids?	2	1a, 4bde	2	232-237	123-127	
What Are Gases?	3	1a, 4bde	2	240-245	128-131	
Chapter Review and Assessment			2	248-249		
Chapter 8: Changes in Materials (13 days)						
Vocabulary Preview			1	252		
What Does Heating Do?	1	1b, 3c, 4c	3	254-259	138-141	
What Does Cooling Do?	2	1ab, 4b	2	262-267	142-144	
What Happens When You Mix Things?	3	1ab, 4b	3	268-273	145-148	
What Changes Are Not Reversible?	4	1ab, 3c, 4a	2	278-281	149-150	
Chapter Review and Assessment			2	284-285		
Unit Review and Assessment (2 days)						