

Third Grade Science Curriculum Map and Pacing

Unit A: Survival of Living Things

Number of Days: 46

Textbook Pages: 1a-104

Topic	Lesson	Standard	Number of Days	Teacher Edition Pages	Interactive Reader	HM Reading
Chapter 1: Adaptations to Land and Water (14 days)						
Vocabulary Preview			1	4		
What Organisms Live in Forests and Grasslands?	1	3ab, 5ae	3	6-13	4-7	
What Organisms Live in Tundra and Deserts?	2	3ab, 5be	4	14-21	8-12	T5, S3
What Organisms Live in Water Habitats?	3	3ab, 5cde	4	24-31	13-17	T5, S3 T4, S2
Chapter Review and Assessment			2	36-37		
Chapter 2: When Environments Change (13 days)						
Vocabulary Preview			1	40		
How Do Living Things Compete?	1	3cd, 5ce	5	42-49	24-29	T4, S1 and 3
How Do Living Things Change Environments?	2	3cd, 5ce	5	52-59	30-37	
Chapter Review and Assessment			2	64-65		

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Chapter 3: Organisms of Long Ago (17 days)						
Vocabulary Preview			1	68		
What Threatens the Survival of Species?	1	3de, 5ce	3	70-77	44-48	
What Can Be learned from Fossils?	2	3e, 5b	6	78-83	49-52	
How Are Extinct and Living Things Alike?	3	3bde	5	88-95	53-57	
Chapter Review and Assessment			2	100-101		
Unit Review and Assessment (2 days)						



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Unit B: Patterns in the Sky

Number of Days: 48

Textbook Pages: 105a-192

Topic	Lesson	Standard	Number of Days	Teacher Edition Pages	Interactive Reader	HM Reading
Chapter 4: Our Solar System (29 days)						
Vocabulary Preview			1	108		
How Do Scientists Use Telescopes?	1	4c, 5ae	3	110-115	64-67	
What Is the Solar System?	2	1a, 4d, 5e	8	118-125	68-72	
What Are the Inner Planets?	3	4d, 5d	8	126-133	73-78	
What Are the Outer Planets?	4	4d, 5cd	9	134-141	79-83	
Chapter Review and Assessment				146-147		
Chapter 5: Cycles and Patterns in Space (17 days)						
Vocabulary Preview			1	150		
What Causes Day and Night?	1	1a, 2a, 4e, 5ce	2	152-157	90-93	
What Causes the Seasons?	2	4de, 5de	5	158-165	94-98	
What Are the Phases of the Moon?	3	4b, 2b, 5e	3	166-173	99-105	
What Is a Star?	4	4a, 5de	4	176-183	106-110	
Chapter Review and Assessment			2	188-189		
Unit Review and Assessment (2 days)						

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Unit C: Matter

Number of Days: 27

Textbook Pages: 193a-264

Topic	Lesson	Standard	Number of Days	Teacher Edition Pages	Interactive Reader	HM Reading
Chapter 6: Properties of Matter? (14 days)						
Vocabulary Preview			1	196		
What Is Matter?	1	1eh, 5ade	4	198-205	118-123	
What Are the Forms of Matter?	2	1e, 5de	3	208-215	124-131	
How Does Heat Change Matter?	3	1ef, 5bde	4	216-225	132-138	
Chapter Review and Assessment			2	230-231		
Chapter 7: Chemical Changes (11 days)						
Vocabulary Preview			1	234		
What Are Elements?	1	1hi, 5e	3	236-245	146-152	
What Is a Chemical Change in Matter?	2	1g, 5be	5	248-255	153-159	
Chapter Review and Assessment			2	260-261		
Unit Review and Assessment (2 days)						

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Unit D: Energy

Number of Days: 34

Textbook Pages: 265a-344

Topic	Lesson	Standard	Number of Days	Teacher Edition Pages	Interactive Reader	HM Reading
Chapter 8: Forms of Energy (21 days)						
Vocabulary Preview			1	268		
What Is Energy?	1	1abd, 5cde	4	270-275	166-168	
How Is Energy Converted?	2	1abc, 5ace	5	276-283	169-172	
What Are Waves?	3	1d, 5d	5	286-293	173-175	
What Is Electrical Energy?	4	1cd, 5d	4	298-305	176-179	
Chapter Review and Assessment			2	308-309		
Chapter 9: Light (11 days)						
Vocabulary Preview			1	312		
What Is Light?	1	1a, 2ad, 5ae	2	314-321	186-191	
How Is Light Reflected?	2	2bd, 5d	3	322-327	192-195	
What Is Color?	3	2cd, 5d	3	330-335	196-199	
Chapter Review and Assessment			2	340-341		
Unit Review and Assessment (2 days)						