

# Fourth Grade Science Curriculum Map and Pacing

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## Unit A: Ecosystems

Number of Days: 36

Textbook Pages: 1a-80

Topic	Lesson	Standard	Number of Days	Textbook Pages	Interactive Reader	HM Reading
<b>Chapter 1: Parts of Ecosystems (18 days)</b>						
Vocabulary Preview			1	4		
What Are Nonliving Parts of Ecosystems?	1	3a, 6abcf	4	6-11	4-7	
What Are Living Parts of Ecosystems?	2	3a, 6c	4	12-19	8-13	
What Are Some Land Ecosystems?	3	3ab, 6cf	3	20-27	14-19	
What Are Some Water Ecosystems?	4	3a, 6a	4	30-35	20-24	58-59 82-107
Chapter Review and Assessment			2	40-41		
<b>Chapter 2: Interactions of Living Things (16 days)</b>						
Vocabulary Preview			1	44		
How Do Organisms Depend on Each Other?	1	2ab, 3c, 6cdf	4	46-53	32-38	R27 26-53
How Are Organisms Adapted to Survive?	2	3b, 6cdf	5	54-63	39-46	R26 26-53
How Do Organisms Compete?	3	2b, 6bf	4	66-71	47-51	654-657
Chapter Review and Assessment			2	76-77		
<b>Unit Review and Assessment (2 days)</b>						

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## Unit B: Energy and Matter in Ecosystems

Number of Days: 29

Textbook Pages: 81a-152

Topic	Lesson	Standard	Number of Days	Textbook Pages	Interactive Reader	HM Reading
<b>Chapter 3: Energy and Matter in Ecosystems (13 days)</b>						
Vocabulary Preview			1	84		
What Are Food Chains?	1	2ab, 6af	2	86-93	58-63	
What Are Food Webs?	2	2ab, 6c	5	94-99	64-66	649
What Are Microorganisms?	3	2a, 3d, 6f	3	102-107	67-70	
Chapter Review and Assessment			2	112-113		
<b>Chapter 4: Matter in Ecosystems (14 days)</b>						
Vocabulary Preview			1	116		
How Is Matter Cycled in an Ecosystem?	1	2bc, 3d, 6f	3	118-125	76-83	
How Do People Affect Ecosystems?	2	3b, 6cef	4	128-133	84-87	632-657 661-683
How Can Ecosystems Be Conserved?	3	2c, 3bd, 6af	4	134-143	88-95	650-657
Chapter Review and Assessment			2	148-149		
<b>Unit Review and Assessment (2 days)</b>						

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## Unit C: The Solid Earth

Number of Days: 39

Textbook Pages: 153a-264

Topic	Lesson	Standard	Number of Days	Textbook Pages	Interactive Reader	HM Reading
<b>Chapter 5: Rocks and Minerals (9 days)</b>						
Vocabulary Preview			1	156		
What Are the Properties of Minerals?	1	4b, 6ac	1	158-165	102-106	219-241
How Are Minerals Identified?	2	4b, 6af	1	166-171	107-109	241
How Do Rocks Differ?	3	4a, 6a	1	174-181	110-113	241
What Is the Rock Cycle?	4	4a, 6f	3	184-189	114-115	
Chapter Review and Assessment			2	192-193		
<b>Chapter 6: Rapid Changes on Earth (17 days)</b>						
Vocabulary Preview			1	196		
What Are Earthquakes?	1	5a, 6acdf	5	198-205	122-127	
What Are Volcanoes?	2	5a, 6f	5	208-213	128-130	
What Are Landslides?	3	5a, 6df	4	216-221	131-134	
Chapter Review and Assessment			2	224-225		
<b>Chapter 7: Slow Changes on Earth (13 days)</b>						
Vocabulary Preview			1	228		
What Are Weathering and Erosion?	1	5abc, 6abf	1	230-235	140-143	
How Does Water Shape the Land?	2	5abc, 6cdf	5	236-243	144-147	
How Do Ice and Wind Shape the Land?	3	5abc, 6abc	4	248-255	148-152	104-107
Chapter Review and Assessment			2	260-261		
<b>Unit Review and Assessment (2 days)</b>						

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## Unit D: Electricity and Magnetism

Number of Days: 39

Textbook Pages: 265a-344

Topic	Lesson	Standard	Number of Days	Textbook Pages	Interactive Reader	HM Reading
<b>Chapter 8: Electricity (16 days)</b>						
Vocabulary Preview			1	268		
How Do Charges Behave?	1	1e, 6a	6	270-275	158-160	
What Is Electric Current?	2	1ag, 6f	3	280-289	161-167	
How Is Electricity Used?	3	1g, 6cf	4	290-297	168-171	
Chapter Review and Assessment			2	302-303		
<b>Chapter 9: Magnetism and Electromagnets (21 days)</b>						
Vocabulary Preview			1	306		
How Do Magnets Behave?	1	1f, 6af	3	308-313	178-180	
What Is Earth's Magnetic Field?	2	1b, 6df	5	314-319	181-183	
How Are Electromagnets Used?	3	1cd, 6ef	6	322-329	184-188	
How Can Energy Be Conserved?	4	1g, 6e	4	332-337	189-191	
Chapter Review and Assessment			2	340-341		
<b>Unit Review and Assessment (2 days)</b>						