

**Fresno Unified School District  
Grade 7 Science Curriculum Map**

<b>Quarter 1</b>	<b>Holt Science Section</b>	<b>Book References</b>	<b>CA Standard</b>	<b>Suggested Time*</b>
Introductory Unit	How to Use Text	Xxiv – xxix		Week 1
	Safety	Xxx - xxxiii	7a	Week 2
<b>Unit 1: The Study of Living Things</b>				
<b>Chapter 1</b> The Nature of Life Science  Chapter Preview/ Overview pp. 4-7	Section 1: Asking About Life	pp. 8-11	7b	Week 3
	Section 2: Scientific Methods	pp. 12-19	7c, 7e	Week 3
	Section 3: Tools and Measurement	pp. 20-25	7a	Week 3
	Section 4: Scientific Models and Knowledge	pp. 26-31	7c, 7d	Week 4
	Section 5: Safety in Science	pp. 32-37	7a	Week 4
<b>Chapter 2</b> It's Alive!! Or Is It?  Chapter Preview/ Overview pp. 48-51	Section 1: Characteristics of Living Things	pp.52-55	1a, 2a	Week 4-5
	Section 2: The Necessities of Life	pp.56-61	1a,7c	Week 5
<b>Chapter 3</b> Light and Living Things  Chapter Preview/ Overview pp. 72-75	Section 1: The Electromagnetic Spectrum	pp. 76-81	6a, 6e	Week 5
	Section 2: Interactions of Light With Matter	pp. 82 -89	6b, 6c, 6e-g,	Week 5
	Section 3: Refraction	pp. 90-97	6c-f	Week 5
<b>Unit 2: Cells</b>				
<b>Chapter 4</b> Cells: The Basic Units of Life  Chapter Preview/ Overview pp. 110-113	Section 1: The Characteristics of Cells	pp. 114-119	1a, 1c, 7d	Week 6
	Section 2: Eukaryotic Cells	pp. 120 – 127	1a-d, 7d	Week 7
	Section 3: The Organization of Living Things	pp. 128-133	1f, 5a	Week 7
<b>Chapter 5</b> The Cell in Action  Chapter Preview/Overview pp.144-147	Section 1: Cell Energy	pp. 148-151	1b, 1d	Week 8
	Section 2: The Cell Cycle	pp. 152-157	1b, 1e, 2e, 7d	Week 8

**Fresno Unified School District  
Grade 7 Science Curriculum Map**

<b>Quarter 2</b>	<b>Holt Science Section</b>	<b>Book References</b>	<b>CA Standard</b>	<b>Suggested Time*</b>
<b>Unit 3: Heredity and Genes</b>				
<b>Chapter 6</b> Heredity  Chapter Preview/Overview pp. 170-173	Section 1: Mendel and His Peas	pp. 174-179	2d	Week 9
	Section 2: Traits and Inheritance	pp. 180-187	2c-d, 7c-d	Week 9
	Section 3: Meiosis	pp. 188-193	2b, 2e	Week 10
<b>Chapter 7</b> Genes and DNA  Chapter Preview/Overview pp. 204-207	Section 1: What Does DNA Look Like?	pp. 208-211	2e, 7d	Week 10
	Section 2: How DNA Works	pp. 212-217	1a, 2e	Week 11
<b>Unit 4: Earth and Life History</b>				
<b>Chapter 8</b> Studying Earth's Past  Chapter Preview/Overview pp. 230-233	Section 1: The Study of Earth's History	pp. 234-237	4a-b, 4e	Week 12
	Section 2: Relative Dating	pp. 238-245	3c, 4c	Week 13
	Section 3: Absolute Dating	pp. 246-249	3c, 4d	Week 14
<b>Chapter 9</b> The History of Life on Earth  Chapter Preview/Overview pp. 260-263	Section 1: Looking at Fossils	pp. 264-269	3c, 4c, 4e	Week 15
	Section 2: Earth's Changing Continents	pp. 270-275	4a, 4e-f	Week 16
	Section 3: Time Marches On	pp. 276-283	4d-e, 4g	Week 16

**Fresno Unified School District  
Grade 7 Science Curriculum Map**

<b>Quarter 3</b>	<b>Holt Science Section</b>	<b>Book References</b>	<b>CA Standard</b>	<b>Suggested Time*</b>
<b>Chapter 10</b> The Evolution of Living Things  Chapter Preview/Overview pp. 294-297	Section 1: Change Over Time	pp. 298-305	3c-d	Week 17
	Section 2: How Does Evolution Happen?	pp. 306-311	3b	Week 17
	Section 3: Natural Selection in Action	pp. 312-317	3a, 3e, 4f, 7c	Week 18
<b>Chapter 11</b> Classification  Chapter Preview/Overview pp. 328-331	Section 1: Sorting It All Out	pp. 332-337	3d, 7d	Week 18
	Section 2: Domains and Kingdoms	pp. 338-343	1a, 3d, 7d	Week 19
<b>Unit 5: Structure and Function in Plants and Animals</b>				
<b>Chapter 12</b> Introduction to Plants  Chapter Preview/Overview pp. 356-359	Section 1: What is a Plant?	pp. 360-363	1b, 1d, 5a	Week 19
	Section 2: Seedless Plants	pp. 364-367	2a, 5a, 7c	Week 20
	Section 3: Seed Plants	pp. 368-373	2a, 5f, 7c	Week 21
	Section 4: Structures of Seed Plants	pp. 374-381	5a, 5f, 7c	Week 22
<b>Chapter 13</b> Plant Processes  Chapter Preview/Overview pp. 392-395	Section 1: Photosynthesis	pp. 396-399	1b, 1d, 7c	Week 23
	Section 2: Reproduction of Flowering Plants	pp. 400-403	2a, 5f, 7c	Week 24
	Section 3: Plant Development and Responses	pp. 404-409	1f, 5a	Week 25
<b>Chapter 14</b> Introduction to Animals  Chapter Preview/Overview pp. 420-423	Section 1: What Is an Animal?	pp. 424-429	1f, 2a, 5a-c	Week 26
	Section 2: The Animal Kingdom	pp. 430-437	5a	Week 27
	Section 3: Invertebrates	pp. 438-443	2a, 5a-b, 5g	Week 28
	Section 4: Vertebrates	pp. 444-449	1f, 2a, 5a-c, 5g	Week 28

**Fresno Unified School District  
Grade 7 Science Curriculum Map**

<b>Quarter 4</b>	<b>Holt Science Section</b>	<b>Book References</b>	<b>CA Standard</b>	<b>Suggested Time*</b>
<b>Unit 6: Human Body Systems</b>				
<b>Chapter 15</b> Body Organization and Structure  Chapter Preview/Overview pp. 462-465	Section 1: Body Organization	pp. 466-471	1f, 5a-b, 7d	Week 29
	Section 2: The Skeletal System	pp. 472-475	5a, 5c, 6h, 7c	Week 29
	Section 3: The Muscular System	pp. 476-481	5a, 5c, 6i	Week 30
<b>Chapter 16</b> Circulation and Respiration  Chapter Preview/Overview pp. 492-495	Section 1: The Cardiovascular System	pp. 496-501	5a-b, 6j	Week 31
	Section 2: Blood	pp. 502-507	5a-b, 6j, 7d	Week 31
	Section 3: The Respiratory System	pp. 508-511	5a-b	Week 32
<b>Chapter 17</b> Communication and Control  Chapter Preview/Overview pp. 522-525	Section 1: The Nervous System	pp. 526-533	5a-b, 7d	Week 33
	Section 2: Sensing the Environment	pp. 534-541	5a-b, 5g, 6b, 7d	Week 34
<b>Chapter 18</b> Reproduction and Development  Chapter Preview/Overview pp. 552-555	Section 1: Human Reproduction	pp. 556-561	2b, 5a, 5d	Week 35
	Section 2: Growth and Development	pp. 562-567	1f, 5d-e, 7d	Week 36