

*Fresno Unified School District  
Grade 3 Science Curriculum Map*

<b>Period 1</b>	<b>Lesson</b>	<b>Book References</b>	<b>CA Standard</b>	<b>Suggested Time*</b>
<u>Introductory Unit:</u> Getting Ready for Science	Unit Introduction			
	1 – What Are Some Science Inquiry Tools?	pp. viii-13	I&E 5.a, 5.d, 5.e	Week 1
	2 – What Are Some Science Inquiry Skills?	pp. 14-25	I&E 5.b, 5.d, 5.e	Week 2-3
	3 – How Do We Use Numbers in Science?	pp. 26-35	I&E 5.c, 5.d	Week 2-3
	4 – What Is the Scientific Method?	pp. 36-45	I&E 5.a, 5.d, 5.e	Week 3-4
	Unit Wrap-Up & Assessment	pp. 46-49	I&E 5.a, 5.b, 5.c, 5.d, 5.e	Week 4
<u>Unit 4:</u> Patterns in the Sky	Unit Introduction			
	1 - What Planets Orbit the Sun?	pp. 272-287	4.c, 4.d, 5.c	Week 5
	2 – What Patterns Do Earth and the Sun Follow?	pp. 288-299	4.e, 5.b, 5.e	Week 6
	3 – What Patterns Do Stars Follow?	pp. 300-313	4.a, 4.c, 5.d	Week 7
	4 – Why Does the Shape of the Moon Seem to Change?	pp. 314-327	4.b, 5.c	Week 8
	Unit Wrap-Up & Assessment	pp. 328-331	4.a, 4.b, 4.c, 4.d, 4.e, 5.c, 5.e	Week 9
<b>Period 2</b>	<b>Lesson</b>	<b>Book References</b>	<b>CA Standard</b>	<b>Suggested Time*</b>
<u>Unit 1:</u> Energy and Matter	Unit Introduction			
	1 - Where Does Energy on Earth Come From?	pp. 52-63	1.a, 5.d, 5.e	Week 10-11
	2 – How Is Energy Stored and Used?	pp. 64-77	1.b, 1.c, 5.c, 5.e	Week 11-12
	3 – How Does Energy Move?	pp. 78-89	1.d, 5.d, 5.e	Week 13
	4 - What Is Matter?	pp. 90-101	1.e, 5.b, 5.d	Week 14-15
	5 – What Causes Matter to Change State?	pp. 102-111	1e, 1.f, 5.c, 5.e	Week 16
	6 - What Are Physical and Chemical Change?	pp. 112-123	1.g, 5.e	Week 17-18

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<b>Period 3</b>	<b>Lesson</b>	<b>Book References</b>	<b>CA Standard</b>	<b>Suggested Time*</b>
	7 – What Are Atoms and Elements?	pp. 124-139	1.h, 1.i, 5.e	Week 19-20
	Unit Wrap-Up & Assessment	pp. 140-143	1.a, 1.b, 1.c, 1.d, 1.e, 1.f, 1.g, 1.h, 1.i, 5.d, 5.e	Week 21
<u>Unit 2:</u> Light	Unit Introduction 1 - How Does Light Travel?	pp. 144-159	2.a, 2.b, 5.d	Week 22-23
	2 – What Causes Color?	pp. 160-171	2.c, 5.d, 5.e	Week 24
	3 – How Do You See Objects?	pp. 172-185	2.d, 5.e	Week 25
	Unit Wrap-Up & Assessment	pp. 186-189	2.a, 2.b, 2.c, 2.d, 5.d, 5.e	Week 26
<b>Period 4</b>	<b>Lesson</b>	<b>Book References</b>	<b>CA Standard</b>	<b>Suggested Time*</b>
<u>Unit 3:</u> Adaptations	Unit Introduction 1 – How Do Plant Parts Help Plants?	pp. 190-203	3.a, 3.b, 5.a, 5.d	Week 27
	2 – How Do Animal Adaptations Help Animals?	pp. 204-215	3.a, 3.b, 5.e	Week 28
	3 – What Lives in Different Environments?	pp. 216-229	3.a, 3.b, 5.e	Week 29-30
	4 – How Do Living Things Change Environments?	pp. 230-239	3.c, 5.d	Week 31
	5 – How Do Changes to Environments Affect Living Things?	pp. 240-253	3.d, 5.b	Week 32-33
	6 – How Have Living Things Changed over Time	pp. 254-267	3.e, 5.c, 5.e	Week 33-34
	Unit Wrap-Up & Assessment	pp. 268-271	3.a, 3.b, 3.c, 3.d, 3.e, 5.c, 5.e	Week 35
*Suggested time per lesson will vary. Recommended instructional minutes for each lesson can be found on page T16 of the California Science Teachers Edition. Additional resources and technology recommended for each lesson can be found on page T12 of the TE. Period 2 will be interrupted by Thanksgiving break and Winter break. Week 28 (beginning of Period 4) will overlap STAR Testing window. Unit 3 will occur during and following the STAR Testing window.				

**Grade 3**

Unit	Lesson	GL Qty/Kit	Item Desc
1	4	1	Cup, Plastic, 9oz
1	6	1	Baking Soda
1	6	1	Vinegar, 473 mL
1	7	1	Index Cards, Blue
1	7	1	Index Cards, Large
1	7	1	Index Cards, Yellow
1	7	1	Plates, Paper
1	2	1	Ball, Hard Rubber, 2" Diam
1	3	0	Bin, C-Thru, 13" x 7-1/4" x 4-1/2"
1	3	1	Cork, XX, Size 7
1	3	1	Dowel, Wooden 4" x 7/8"
1	4	1	Bowl, Plastic, 8 oz Squat
1	4	1	Jar, Plastic, Wide-Mouth, Tall, 12oz
1	6	2	Beaker, 250 mL
1	5	0	Thermometer
Intro	1	1	Stick, Stirrer
Intro	4	1	Cotton Balls
Intro	4	1	Lid, Clear, for 300 mL Cup
Intro	4	1	Bubbles, Liquid, w/ Stick
Intro	1	1	Detergent, Household
Intro	4	1	Straws, Plastic
Intro	4	1	Spoon, Plastic
Intro	1	1	Hand Lens
Intro	3	3	Jar, Plastic, Wide-Mouth, 12 oz,
Intro	3	3	Lid, Metal, 89 mm, Screw Type for
Intro	1	0	Cup, Measuring
2	2	1	Prism, Equilateral, Plastic 25mm
2	3	1	Light Socket, Porcelain w/Cord
3	1	1	Wax Paper, Roll
3	2	18	Bag, Plastic, Zip Lip, 6" x 8",
3	2	3	Gloves, Plastic, Disposable
3	2	1	Vegetable Shortening
3	4	1	Oil, Vegetable, 16 oz
3	4	1	Salt, Non-Iodized
3	4	1	Seed, Radish, 15 g
3	5	1	Seed, Grass, 30 g
3	UA	1	Mealworms
3	1	1	Paper Clips, Box/100
3	2	1	Bowl, Plastic, Large 6 qt
3	2	1	Spoon, Plastic, Mixing
3	4	1	Graduated Cylinder, 10 mL
3	5	1	Can, Watering, w/ Sprinkler Head

3	5	3	Flower Pot, Plastic 4"
3	UA	5	Petri Dishes, 100mm
4	UA	1	String, Cotton
4	3	1	Lens, Double Convex, 15 cm FL
4	3	1	Lens, Double Convex, 5 cm FL
4	3	1	Tubes, Cardboard(for Telescope)
4	UA	1	Stopwatch
4	UA	0	Tape Measure
2	1	1	Clay, Modeling, Four Colors
3	3	1	Cards, Index, Blank, 3x5"
2	3	1	Ruler, Plastic, Metric & English
Intro	4	2	Battery, Size D
Intro	4	1	Flashlight
Intro	1	6	Cup, Plastic, 300 ml
3	5	1	Soil, Potting
			Bin