

*Fresno Unified School District
Grade Kindergarten Science Curriculum Map*

| Period 1 | Lesson | Book References | CA Standard | Suggested Time* |
|---|---|------------------------|--------------------|------------------------|
| <u>Introductory Unit:</u> Ready, Set, Science! | Unit Introduction 1 - How Do We Use Our Senses to Observe? | pp. 6-15 | I&E 4.a, 4.b, 4.e | Week 1 |
| | 2 - How Do We Use Science Investigation Skills? | pp. 16-21 | I&E 4.b, 4.d, 4.e | Week 2 |
| | 3 - How Do We Use Science Tools? | pp. 22-27 | I&E 4.b, 4.d, 4.e | Week 3 |
| | Unit Wrap-Up & Assessment | pp. 28 | I&E 4.a, 4.e, 4.d | Week 4 |
| <u>Unit 3:</u> Our Earth | Unit Introduction 1 - What Is Earth Made Of? | pp. 194-203 | 3, 4.e | Week 5 |
| | 2 - What Are Mountains, Valleys, and Deserts Like? | pp. 204-213 | 3.a | Week 6-7 |
| | 3 - What Are Rivers and Oceans Like? | pp. 214-219 | 3.a | Week 8 |
| | 4 - How Can We Care for Earth? | pp. 220-229 | 3.c, 4.e | Week 9 |
| Period 2 | Lesson | Book References | CA Standard | Suggested Time* |
| <u>Unit 3:</u> Our Earth | 5 - What Is Weather? | pp. 230-241 | 3.b, 4.e | Week 10 |
| | 6 - How Can We Measure Weather? | pp. 242-249 | 3.b, 4.e | Week 11-12 |
| | 7 - How Does Weather Change with the Seasons? | pp. 250-263 | 3.b | Week 13-14 |
| | Unit Wrap-Up & Assessment | | | Week 15 |
| <u>Unit 1:</u> The World Around Us | Unit Introduction 1 - What Is Matter? | pp. 42-53 | 1.b, 4.e | Week 16 |
| | 2 - How Can Matter Be Sorted? | pp. 54-65 | 1.a, 4.b, 4.d, 4.e | Week 17-18 |

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| Lesson | Unit | Kit Qty | Item Description |
|---------------|-------------|----------------|------------------------------------|
| Intro | 1 | 1 | Bell, Brass, 1-1/2-2" |
| Intro | 3 | 1 | Magnet, Bar Alnico w/Marked Poles |
| Intro | 3 | 1 | Paper Clips |
| Intro | 3 | 1 | Balance, Student, SK, w/Masses |
| Intro | 3 | 1 | Ruler, Plastic, Metric & English |
| 1 | 2 | 1 | Car, Toy, Matchbox Type |
| 1 | 3 | 1 | Magnetic & Non Magnetic Pkg |
| 1 | 3 | 1 | Magnets, Horseshoe |
| 1 | 4 | 1 | Sandpaper, Medium, 9" x 11" Sheet |
| 1 | 4 | 1 | Cloth, Cotton, Blue, 12 x 15" |
| 1 | 4 | 1 | Swab Applicators-Cotton |
| 1 | 4 | 1 | Lid, Metal, 63 mm |
| 1 | 6 | 1 | Aluminum Foil, Roll |
| 1 | 6 | 1 | Sponge Cubes, 1" x 1" x 1" |
| Intro | 1 | 1 | Wedge, Wood, |
| Intro | 1 | 1 | Fur, Fake 3x3" |
| Intro | 1 | 1 | Button, Yellow, Large |
| Intro | 1 | 1 | Ball, Styrofoam, 1" |
| Intro | 1 | 1 | Feather, Down |
| Intro | 3 | 1 | Wood, Block, Asst. Colors, 1" Cube |
| 2 | 6 | 1 | Spoon, Plastic |
| 2 | 6 | 1 | Cup, Plastic, 9oz |
| 2 | 7 | 1 | Flower Pot, Plastic 4" |
| 2 | 7 | 1 | Seeds, Lima Bean 8 oz |
| 3 | 3 | 1 | Container, Plastic, Clear, w/ Lid |
| 3 | 6 | 2 | Thermometer Indoor/Outdoor (C & F) |
| 3 | 6 | 1 | Cup, Plastic, 16 oz, Pkg/25 |
| 3 | 2 | 1 | Clay, Modeling, Four Colors |
| Intro | 3 | 1 | Yarn, Red Skein |
| Intro | 3 | 0 | Hand Lens |
| 2 | 7 | 1 | Soil, Potting |
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|--|--|------------------------|-------------------------|------------------------|
| <u>Unit 1:</u> The World Around Us | 3 - How Can Magnets Help Us Sort? | pp. 66-71 | 1.a, 4.e | Week 19-20 |
| | 4 - How Can Matter Be Described? | pp. 72-81 | 1.a, 4.b, 4.c, 4.e | Week 21-22 |
| | 5 - How Can Water Change? | pp. 82-93 | 1.b, 1.c, 4.e | Week 23 |
| | 6 - What Sinks? What Floats? | pp. 94-99 | 1.a, 4.d | Week 24-25 |
| | Unit Wrap-Up & Assessment | pp. 100 | 1.a, 1.b, 1.c, 4.b, 4.c | Week 26 |
| Period 4 | Lesson | Book References | CA Standard | Suggested Time* |
| <u>Unit 2:</u> Animals and Plants | Unit Introduction 1 - What Are Living Things? | pp. 114-125 | 2.b, 4.e | Week 27 |
| | 2 - What Are Animals Like? | pp. 126-135 | 2.a, 2.c | Week 28-29 |
| <u>Unit 2:</u> Animals and Plants | 3 - What Do Animals Need? | pp. 136-145 | 2.a, 2.c, 4.e | Week 30 |
| | 4 - How Do Animals Grow and Change? | pp. 146-153 | 2.a, 2.c, 4.e | Week 31-32 |
| | 5 - What Are Plants Like? | pp. 154-165 | 2.a, 2.c, 4.e | Week 33 |
| | 6 - What Do Plants Need? | pp. 166-171 | 2.a | Week 34 |
| | 7 - How Do Plants Grow and Change? | pp. 172-179 | 2.a, 2.c, 4.c | Week 35 |
| | Unit Wrap-Up & Assessment | pp. 180 | 2.a, 2.b, 2.c | Week 36 |
| *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 California Science Teachers Edition. Period 2 will be interrupted by Thanksgiving break and Winter break. | | | | |