

Fourth Grade Departmentalized ([Science – 5020050](#))

Unit of Study	Time Frame	Content Block Benchmarks	Content Resources
Practice of Science	August 10 – September 1	SC.4.N.1.1 , SC.4.N.1.2 , SC.4.N.1.3 , SC.4.N.1.4 , SC.4.N.1.5 , SC.4.N.1.6 , SC.4.N.1.7 , SC.4.N.1.8 , SC.4.N.2.1 , SC.4.N.3.1	<ul style="list-style-type: none"> • Student Tutorial: How Science Works (SC.4.N.1.3) • Student Tutorial: Let's Go Dipnetting! (SC.4.N.1.5) • Student Tutorial: Keeping a Science Notebook (N.1.6) • Student Tutorial: The Flu and You: Part 1 (SC.4.N.1.7) • Student Tutorial: The Flu and You: Part 2 (SC.4.N.1.7) • Student Tutorial: The Empire of Evidence:COVID-19 (N.1.7)
Heredity	September 5 – October 13	SC.4.L.16.1 , SC.4.L.16.2 , SC.4.L.16.3 , SC.4.L.16.4 , HE.4.C.1.6	<ul style="list-style-type: none"> • Essential Lab: Seed Structure & Dispersal* • Student Tutorial: A Plant's Life (SC.4.L.16.1) • Student Tutorial: Plant Traits (SC.4.L.16.2) • Student Tutorial: Animal Traits (SC.4.L.16.2) • Student Tutorial: Did I Know How to Blink, Or Did My Parents Teach Me? – Part 1 Hereditary Behaviors (L.16.3) • Student Tutorial: Did I Know How to Wink, Or Did My Parents Teach Me? Part 2 – Learned Behaviors (SC.4.L.16.3)
Interdependence	October 17 – November 17	SC.4.L.17.1 , SC.4.L.17.2 , SC.4.L.17.3 , SC.4.L.17.4	<ul style="list-style-type: none"> • Everglades Lesson 1: Food Chains*** • Everglades Lesson 2: Wanted Alive*** • Everglades Lesson 3: I'm in Big Trouble*** • Student Tutorial: Life in the Seasons (SC.4.L.17.1) • Student Tutorial: Where Does Your Energy Come From? (SC.4.L.17.2) • Student Tutorial: Food Chains of Florida (SC.4.L.17.3) • Student Tutorial: Where Does the Energy Flow? (L.17.3) • Student Tutorial: In Hot Water: How Climate Change is Changing Our Planet (SC.4.L.17.4)

*Essential Labs are in Student Canvas

**Required Instruction is through Social Studies when time permits. More information in Teacher Canvas Docs.

***Request Everglades Literacy Lesson Materials by emailing: asaldarriaga@evergladesfoundation.org.

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Matter	November 27 – December 21	SC.4.P.8.1 , SC.4.P.8.2 , SC.4.P.8.3 , SC.4.P.8.4 , SC.4.P.9.1	<ul style="list-style-type: none"> Essential Lab: Chemical Changes Maya's Tackle Box: Tackling Physical Properties (P.8.1) Student Tutorial: Brick Masters - The Law of Conservation of Mass (4.P.8.3) Video: Magnetic Levitation (SC.4.P.8.4) Video: Identifying Properties of Matter (Discovery Ed) Video: 3M Science at Home: Push and Pull (Magnetism) (Discovery Ed) Video: What is Volume? (Discovery Ed) Video: Calculating Volume (Discovery Ed) Video: Real World Science: Properties of Matter (Disc Ed) Video: Measuring Matter (Discovery Ed) Sci Handbook pp: 142-159; Science Journal pp: 334-378
Energy	January 8 – February 9	SC.4.P.10.1 , SC.4.P.10.2 , SC.4.P.10.3 , SC.4.P.10.4 , SC.4.P.11.1 , SC.4.P.11.2 , SC.4.N.1.1	<ul style="list-style-type: none"> Essential Lab: Heat Energy Transfer* Student Tutorial: Energy: Part 1: Light (SC.4.P.10.1) Student Tutorial: Energy: Part 2: Heat (SC.4.P.10.1) Student Tutorial: Energy: Part 3: Sound (SC.4.P.10.1) Student Tutorial: Energy: Part 4: Electricity (SC.4.P.10.1) Student Tutorial: Energy: Part 5: Mechanical (P.10.1) Sci Handbook pp: 102-107, 113-127; Sci Journal pp: 238-253, 284-297 Sci Handbook pp: 108-112; Sci Journal pp: 234-267 Required Instruction: Black History Month (Feb)
Motion of Objects	February 12 – March 14	SC.4.P.12.1 , SC.4.P.12.2 , SC.4.N.1.1	<ul style="list-style-type: none"> Essential Lab: Speed* Student Tutorial: GOAL! Motion of Objects (SC.4.P.12.1) Science Handbook pp: 128-141; Science Journal pp: 300-333 Required Instruction: Black History Month (Feb), Women's History Month (Mar)
Earth's Structures	March 25 – April 23	SC.4.E.6.1 , SC.4.E.6.2 , SC.4.E.6.3 , SC.4.E.6.4 , SC.4.E.6.5 , SC.4.E.6.6	<ul style="list-style-type: none"> Essential Lab: Weathering and Erosion Student Tutorial: Categories of Rocks (SC.4.E.6.1) Student Tutorial: Properties of Minerals (SC.4.E.6.2) Student Tutorial: Natural Resources (SC.4.E.6.3) Student Tutorial: Weathering and Erosion (SC.4.E.6.4) Student Tutorial: Natural Resources Part 1: Energy Use (SC.4.E.6.6) Student Tutorial: Natural Resources Part 2: Material Use (SC.4.E.6.6) Student Tutorial: Natural Resources Part 3: Water (E.6.6) Science Handbook pp: 60-85; Science Journal pp: 118-176 Required Instruction: Women's History Month (Mar), Medal of Honor Day (3/25)
Earth in Space and Time	April 24 – May 17	SC.4.E.5.1 , SC.4.E.5.2 , SC.4.E.5.3 , SC.4.E.5.4 , SC.4.E.5.5 , SC.4.E.6.5	<ul style="list-style-type: none"> Essential Activity: Earth's Rotation and Revolution* Student Tutorial: Earth in Motion Part 1: Revolution (E.5.3) Student Tutorial: Earth In Motion Part 2: Rotation (E.5.3) Student Tutorial: Rotation of the Earth (SC.4.E.5.4) Text: Why is a Full Moon So Bright? (SC.4.E.5.2, SC.4.N.3.1) Science Handbook pp: 86-99; Science Journal pp: 178-236 Required Instruction: Asian American and Pacific Islander Month (May)

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Unit of Study	Time Frame	Content Block Benchmarks	Content Resources
Health	May 20 – May 30	HE.4.C.1.1 , HE.4.C.1.3 , HE.4.C.1.4 , HE.4.C.1.5 , HE.4.B.5.1 , HE.4.B.5.3 , HE.4.B.5.4 ,	<ul style="list-style-type: none"> • Lesson 1: How Do We Catch Germs That Make Us Sick? • Lesson 2: How Does the Body Fight Disease? • Lesson 3: What Are Healthy Choices That People Can Make? • Required Instruction: Asian American and Pacific Islander Month (May), Memorial Day (5/28)

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