

SGS Unit Timeline Matrix
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Grade: 4th Grade Subject Area: SCIENCE

Month	Standard(s)	Unit	Benchmark(s)	Examples of Skills (Activities):
<b>Example ~ Math 2nd Grade</b>	<b>7A</b>	<b>Currency/Money</b>	<b>7.A.1.c</b>	<b>*Add/Subtract using currency *Make change from \$1.00</b>
Aug./Sept.	12A, 12B	Unit A: Life Science Flowering Plants Recycling	12.A.2a, 12.A.2b, 12.B.2a, 12.B.2b	Dissect Flowers Recycle Every Tuesday Characteristics & Life Cycles of organisms Classify seeds Observing, Experimenting, Investigating Identify main idea Bar graphs
October	12A, 12B	Unit A Animal Behavior Food Chains/Food Webs Animal & Plant Adaptations	12.A.2a, 12.A.2b, 12.B.2a, 12.B.2b	Animals In the Woods Rasmusen Natural Area Field Trip Organisms & environments Using context clues Solving word problems Food Chains on Notecards
November	12A, 12B	Unit B: Physical science Measuring Matter Force and Motion	12.A.2a, 12.A.2b, 12.B.2a, 12.B.2b	Properties of objects and materials Exploring mass Position and motion of objects Exploring weight Exploring, describing, measuring, experimenting Simple machines
December	12A, 12B	Unit B Electricity and magnetism Light & Sound	12.A.2a, 12.A.2b, 12.B.2a, 12.B.2b	Light, heat, electricity and magnetism Identifying cause and effect Using graphic sources Investigating, experimenting, comparing, observing, classifying
January	12E	Continue Unit B Electricity and magnetism Light & Sound	12.E.2a	Light, heat, electricity and magnetism Identifying cause and effect Using graphic sources Investigating, experimenting, comparing, observing, classifying Weather Instruments

February	23A, 23B, 23C	Unit C: Earth Science Measuring Weather Make-up of Earth	23.A.1, 23.B.2, 23.C.2a	Changes in Earth and sky Range, median, mode Exploring, investigating, classifying Changes in Earth and sky Supporting facts and details Meteorologist presentation Digestion Story, Pulse activity, Taste Test, Sense Tests
March	12C, 12D	Unit C Exploring the oceans Movements in the solar system	12.C.2a, 12.D.2b	Properties of Earth materials Using logical reasoning Exploration, investigating, experimenting, modeling Titanic video Objects in the sky Making predictions
April	12E	Continue Unit C Exploring the oceans Movements in the solar system	12.E.2c	Properties of Earth materials Using logical reasoning Exploration, investigating, experimenting, modeling Titanic video Objects in the sky Making predictions
May/June	12E	Unit D: Human Body Digestive, Circulatory, and Nervous systems Keeping your body systems healthy	12.E.2a	Personal health Exploring, investigating, and experimenting Personal health Cause and effect