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| **Month** | **5th Science (General Science)** | **6th Science (Physical Science)** | **7th and 8th Science (Earth Science)** |
| **September** | Scientific Method* Inquiry process
* Measurement

Life Science: Organisms* Criteria for Life
* Kingdoms
 | Scientific Method* Inquiry process
* Measurement

Engineering Design* Design Process
* Projects
 | Scientific Method* Inquiry Process
* Measurement

Earth Science* Planet Earth System
* Physical Geography
 |
| **October** | Plants: Types, Adaptations, Processes* Structure and Function
* Life Cycles
* Photosynthesis
* Tropisms
 | Motion* Distance, Time, Speed

Forces* Friction, Gravity
* Equilibrium

Machines* Work and Power
 | Meteorology* Weather Observation
* Atmosphere
* Forecasting and Storms
* Climate

Oceanography* currents, ocean floor
 |
| **November****T1 Ends 11/21** | Ecosystems and Biomes* Matter and Energy
* Food Chains, Food Web
* Interactions
* Conservation
 | Newton’s Laws* Inertia
* Acceleration
* Action, Reaction
 | Astronomy* Earth and Moon
* The Solar System
* Sun and other Stars
* Galaxies and the Universe
 |
| **December** | Earth Science* Weather and Climate
* Water Cycle
 | Forms of Energy* Mechanical, Thermal, Chemical, Electrical, Nuclear
 | Geology* Geologic Time
* Relative Dating
 |
| **January** | * Rocks, Minerals, Soil

Solar System* Sun and Seasons
* Moon Phases
 | Energy Transfer* Kinetic and Potential
* Heat; Conduction, Convection, Radiation
 | Plate Tectonics* Earth’s Interior
* Lithosphere
* Earthquakes and Volcanoes
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| **Month** | **5th Science (General Science)** | **6th Science (Physical Science)** | **7th and 8th Science (Earth Science)** |
| **February** | Landforms* Weathering and Erosion
* Uplift and Plate Tectonics
* Maps, Topography
 | Properties of Waves* Longitudinal, Transverse Waves
* Light and Sound

Electromagnetic spectrum  | Topography* Weathering and Erosion
* Rivers and Glaciers
* Minnesota geology
 |
| **March****T2 Ends 3/9** | Physical ScienceEnergy and Motion* Forces and Motion

Forms of Energy * Thermal and Chemical
* Using Energy
 | Matter* Particle Theory

States of Matter Properties of Matter* Mass, Volume, temperature
* Density, dissolving, expansion
 | Rocks and Minerals* Composition
* Identification

Natural Resources* Fossil Fuels
* Soil and Freshwater
* Conservation
 |
| **April** | Matter and Its Properties* Matter Measurments
* States of Matter
* Atoms and Elements
 | Atoms and Molecules* Protons, Nuetrons, Electrons
* Compounds and Bonding
 | Matter and Chemistry* Properties of Matter
* Elements and Periodic Table
 |
| **May** | Simple Machines* Engineering
* Electricity, Magnetism

Science Methods, Data Analysis | Periodic Table* Properties of the Elements
* Chemical Change

Engineering Structures | * Molecules and Compounds
* Acids, Bases, Solutions
* Chemical Reactions

Chemistry Project |
| **June****T3 Ends 6/8** | Final Review | Final Review | Final Review |
| **All Units will also include these topics:** | History of ScienceScientific ContributionsScience Investigations | History of ScienceScientific ContributionsScience Investigations | History of ScienceScientific ContributionsScience Investigations |
|  | \*MN Standards include Grades 3-5 |  | \*Alternate MN Standards for Life/Earth |