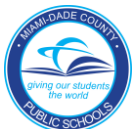


MS Science Year at a Glance Resource 016-2017: 3rd Nine Weeks 1/24/17 – 3/23/17

Date	6	7	8	Physical Science
1/24 – 1/27	Law of Universal Gravitation Gravitational Force <i>QSBA 2</i>	Evidence of Species Change Evidence of Scientific Theory of Evolution Evolution <i>QSBA 2</i>	Objects in the Universe Law of Universal Gravitation and the Formation of Stars	Atomic Structure Structure of the Atom <i>QSBA 2</i>
1/30 – 2/3	Law of Universal Gravitation Mass vs. Weight and the relationship between gravity and mass and distance	Evidence of Species Change Adaptations and Extinction	Stars and the Sun Properties of Stars H-R Diagrams	Atomic Structure Atomic Models
2/6 – 2/10	Forces and Motion Types of forces Effects of Unbalanced Forces on an Object	Natural Selection Variations of traits and Diversity of Organisms	Stars and the Sun Properties of Stars H-R Diagrams	Atomic Structure Periodic Table
2/13 – 2/17	Forces and Motion Effects of Unbalanced Forces on an Object <i>Unit 5 Assessment</i>	Natural Selection Environmental Factors and changing in conditions	Stars and the Sun The Sun's Characteristics and Electromagnetic Spectrum <i>Unit 5 Assessment</i>	Compounds Chemical bonds and electrons, Chemical Formulas
2/21 – 2/24	Structure and Function of Living Things Hierarchical Organization of Organisms, Cell Theory and Homeostasis	Natural Selection Reproductive Fitness and species change overtime <i>Unit 6 Assessment</i>	Objects in our Solar System Models of the Solar System and Earth's Properties	Compounds Chemical bonds and electrons, Chemical Formulas
2/27 – 3/3	Cell Structure and Organelles Prokaryotic and Eukaryotic Cells	Relationships in Ecosystems Symbiotic Relationships and Food Webs	Objects in our Solar System Properties of Sun, planets and moons compared to Earth	Compounds Building Blocks of Life, Organic Compounds and Macromolecules
3/6 – 3/10	Cell Structure and Organelles Eukaryotic Organelles and Plant Specific Organelles <i>Unit 6 Assessment</i>	Relationships in Ecosystems Food Webs and Limiting Factors	Changes in Matter Temperature's Influence on Chemical Changes Atoms; Atomic Theory <i>Unit 2 Assessment</i>	Chemical Reactions Physical and Chemical changes Types of Reactions
3/13 – 3/17	Classification of Living Things Linnaean Classification and Characteristics of Domains	Human Impact on Earth Resources and Biodiversity	The Sun, Earth, and Moon System Earth's Movement in Space and Seasons	Chemical Reactions Photosynthesis, Cellular Respiration and Biogeochemical Cycles
3/20 – 3/23	Classification of Living Things Eukaryotic Kingdoms and Scientific Names <i>Unit 7 Assessment</i>	Human Impact on Earth Pollution and Human Impact on the Everglades <i>Unit 7 Assessment</i>	The Sun, Earth, and Moon System Tides, Phases of the Moon and Eclipses <i>Unit 6 Assessment</i>	Solutions Types of Mixtures and Solutions Acids and Bases



MS Science Year at a Glance Resource 2016-2017: 4th Nine Weeks 3/27/17 – 6/28/17

Date	6	7	8	Physical Science
3/27 – 3/31	Human Body Systems Major Body Systems QSBA 3	DNA, Chromosomes and Heredity DNA and review of Cell Structure QSBA 3	Data-Based Benchmark Reinforcement: Earth, Space & Physical Sciences	Energy and Chemical Reactions Types of Reactions Required energy and Reaction systems QSBA 3
4/3 – 4/7	Human Body Systems Erosion and Deposition	DNA, Chromosomes and Heredity <i>DNA and Reproduction</i>	Data-Based Benchmark Reinforcement: Earth, Space & Physical Sciences	Energy and Chemical Reactions Reactions rates and equilibrium
4/17 – 4/21	Human Body Systems Major Body Systems Interactions and Homeostasis	Genetic Traits and Heredity Mendelian Genetics Phenotypes and Genotypes	Data-Based Benchmark Reinforcement: Physical Science & Life Sciences	Data-Based Benchmark Reinforcement
4/24 – 4/28	Transformation between Potential & Kinetic Energy Body Systems Interactions, Homeostasis and effect of drugs on body systems	Genetic Traits and Heredity Genetic Probabilities with Punnett Squares and Pedigrees	Data-Based Benchmark Reinforcement: Physical Science & Life Sciences	Data-Based Benchmark Reinforcement
5/1 – 5/5	Pathogens Comparison Infectious agents	Biotechnology Artificial Selection, Genetic Engineering and Cloning	Human Growth and Development	Electricity-Static Current Concept of electricity, conductors semiconductors and insulators
5/8 – 5/12	Pathogens Comparison Disease Prevention and STIs Unit 6 Assessment	Biotechnology Impact on individuals, society and the environment Unit 8 Assessment	Human Growth and Development	Electricity-Static Current Electric circuits and systems
5/15 – 5/19	Substance Abuse, Health and Decision Making	Health and Disease Prevention	Human Growth and Development	Magnetism Interactions of Magnets
5/22 – 5/26	Human Growth and Development	Human Growth and Development	Substance Abuse-Personal Health-Relationships	Magnetism Electromagnets, motors and generators
5/30 – 6/2	Human Growth and Development	Human Growth and Development	Substance Abuse-Personal Health-Relationships	Behavior of Gases Gas Laws
6/5 – 6/8	Types of Forces Forces Acting at A Distance	Human Growth and Development	Substance Abuse-Personal Health-Relationships	Biology Ramping Up

