

| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 | Week 15 | Week 16 | Week 17 | Week 18 | Week 19 | Week 20 | Week 21 | Week 22 | Week 23 | Week 24 | Week 25 | Week 26 | Week 27 | Week 28 | Week 29 | Week 30 | Week 31 | Week 32 | Week 33 | Week 34 | Week 35 | Week 36 | Week 37 | Week 38 | Week 39 | |
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| PS | Colors, Counting up to 10. Two basic shapes. (Circle and Square) | Classroom Rules and Routine. Counting up to 10. Two basic shapes. (Circle and Square) | Seasons. Counting up to 10. Two basic shapes. (Circle and Square) | Explore. Counting up to 10. Two basic shapes. (Circle and Square) | Apples. Counting up to 10. Two basic shapes. (Circle and Square) | Week 8: create concept web of apples. week 9: Mixing Colors. Create Secondary colors by mixing primary colors. Blue + Yellow = Green. Counting up to 10. Two basic shapes. (Circle and Square). | Healthy Habits: Dental Hygiene. Counting up to 20. Two basic shapes. (triangle and rectangle) Learn math concepts. Days of the week. | Healthy Habits: Dental Hygiene. Counting up to 20. Two basic shapes. (triangle and rectangle) Learn math concepts. Days of the week. | Farm Animals. Counting up to 20. Two basic shapes. (triangle and rectangle) Learn math concepts. Days of the week. | Senses. Counting up to 20. Two basic shapes. (triangle and rectangle) Learn math concepts. Days of the week. | Freezing and Melting. Counting up to 20. Two basic shapes. (triangle and rectangle) Learn math concepts. Days of the week. | Living Things. Counting up to 20. Two basic shapes. (triangle and rectangle) Learn math concepts. Days of the week. | Living Things. Counting up to 20. Two basic shapes. (triangle and rectangle) Learn math concepts. Days of the week. | Recycling. Counting up to 20. Two basic shapes. (triangle and rectangle) Learn math concepts. Days of the week. | Forces in Nature. Counting up to 20. Two basic shapes. (triangle and rectangle) Learn math concepts. Days of the week. | Counting up to 20. Two basic shapes. (triangle and rectangle) Learn math concepts. Days of the week. | Thermometer, Balance, Magnifying Glass Activities. Review counting up to 10 and beyond, review shapes, review sizes, and concept of simple addition and subtraction. | | | | | | | | | | | | | | | | | | | | | | | |
| PK | Weather | Weather | Seasons | Farm Animals | Animals | Properties of Matter | Review | Human Body | Five Senses | Investigate/Experiment | Investigate/Experiment | Plants | Thermometer, Balance, Magnifying Glass Activities | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KG | Introduce a class procedure (circle assessment) | Animals are Everywhere | Land and Water Animals | Bugs | Animal Habitats | Our Earth, Our Home: Soil and Rocks | Land High and Low/Water All Around | Recycle, Reuse | Weather and Sky Exploring Weather | What Can Wind Do? | Look at Clouds/Seasons | Sun and Shadows/Moon and Stars | Exploring Matter: Paper and Cloth | Wood and Metal/Working with Clay | Investigate Water: Solid, Liquid, and Gases | Moving Right Along: How Things Move | Sounds and Magnets | Parts of a Plant | What a Plant Needs | How Plants Grow | Look at Leaves and Flowers | Leaves and Flowers | Plants We Use | Thermometer, Balance, Magnifying Glass Activities | | | | | | | | | | | | | | | | |
| 1st | Introduce a class procedure (circle assessment) | Unit A: Plants are Living Things | Unit B: Animals are Living Things | | | Unit C: Sky and Weather | | | Unit C: Sky and Weather | | | Unit D: Caring for Earth | | | Unit E: Matter | | | Unit F: Ch 11 Force and Motion | | | Unit F: Ch 12 Magnets and Sounds | | | IOWAS | | | Unit A: Plants | | | | | | | | | | | | | |
| 2nd | Intro | Plants and Animals | | | | Homes for Plants and Animals | | | | Watch it Move | | | | Changes on the Earth | | | | Sun and its family | | | | Matter and Energy | | | | | | | | | | | | | | | | | | |
| 3rd | Intro | Living Things and Algae | Needs of Plants | Life Cycle of a Plant | Needs of Animals | Animals Grow | Parts of Animals | Ecosystem | Food Chain Web | Competition | Mineral Rocks | Soils | Fossils & Fats | Sox.Land.Sky | Sox.Land.Sky | Saving Resources | Landforms | Weather | Water Cycle | Earth | Moon | Sun Planets | Motion | Forces | Changes in Motion | Work | Levers/Pulley | Simple Machines | Matter | Solid/Liquid/Gas | Building Blocks/Matter | Heat | Light | Sound | Electricity | Review | | | | |
| 4th | Intro | Unit 1: Studying Science | | | Unit 2: The Engineering Process | | | Unit 3: Plants and Animals | | | Unit 4: Energy and Ecosystems | | | Unit 5: Weather | | | Unit 6: Earth and Space | | | Unit 7: Properties of Matter | | | Unit 8: Changes in Matter | | | Unit 9: Energy | | | Unit 10: Electricity | | | Unit 11: Motion | | | | | | | | |
| 5th | Intro | Unit 1: How Scientists Work | | | Unit 2: The Engineering Process | | | Unit 3: Cells to Body Systems | | | Unit 4: Living Things Grow and Reproduce | | | Unit 5: Ecosystems | | | Unit 6: Energy and | | | Unit 7: Natural Resources | | | Unit 8: Matter | | | Unit 9: Forces and Motion | | | Unit 10: Light and Sound | | | Unit 11: reflect lessons | | | | | | | | |
| 6th | Introduction to Course | Views of Earth Today | Minerals, Mineral Formation, Characteristics of Minerals | Rocks and Characteristics of Rocks, Weathering | Weathering and Soil Formation | Plate Tectonics | Earthquakes | Mountains, Volcanoes | Science Fair | Natural Resources | Science Fair | The Water Planet | Freshwater Resources | Ocean Systems | Ocean Environments | Earth's Changing Atmosphere, Weather Patterns | Climate and Climate Change | Exploring Space, Earth Moon and Sun, Solar System, Universe | | | | | | | | | | | | | | | | | | | | | | |
| 7th | Introduction to course | Scientific Method, Cell & Microscope Fair Topics | How Cells Function | Sci Fair PH and APA workshop | Cell Divisions | Unit Project | Background Research Science Fair | Heredity and Mendel | Science Fair: Results and Conclusion | Modern Genetics | Science Fair Presentations | Classification | Review for finals | Finals | Classification | Life Over Time | Skeletal and Muscular | Respiratory, Digestive, Urinary | Circulatory, Immune, Integ | Unicellular | Multicellular | Invertebrates | Vertebrates | Vertebrates | Review for finals | Finals | | | | | | | | | | | | | | |
| 8th | Introduction to course | Scientific Method, Matter and S.F. Topic | Matter | Properties of Matter and Science Fair, Purpose and Hypothesis | Energy | Temperature and Heat | Background Research Science Fair | Temperature and Heat | Science Fair: Results and Conclusion | Periodic Table | Atomic Structure and Periodic Table | Science Fair Presentations | Chemical Bonds | Finals | Chemical Reactions | Solutions | Solutions | Electricity | Circuits | Magnetism | Motion | Newton's Laws | Forces | Forces | Review for finals | Finals | | | | | | | | | | | | | | |
| FOUND. OF SCIENCE | Introduction to course | Lab Safety/Skills | Measurement and Calculations | Matter | Chemical Foundations | Nomenclature | Chemical Composition | Chemical Reactions | Reactions in Aqueous Solutions | Review for Finals | Final Exams | Limiting Reagents | Linear Motion | Projectile Motion | Newton's Second/Third Law of Motion | Momentum | Energy | Circular Motion | Center of Gravity | Rotational Mechanics | Universal Gravitation | Review for finals | Finals | | | | | | | | | | | | | | | | | |
| In AP Bio | | | | | | | | | | Finals | Energy, Matter and Organization | The Cell: Homeostasis and Development | Heredity and Meiosis | Heredity: Patterns of Inheritance | Evolution Overview | Interactions and Independence | Review for finals | Finals | | | | | | | | | | | | | | | | | | | | | | |
| 10th Bio | Introduction to Course | Bioethics and Biochemistry | Biochemistry Introduction | Bioenergetics | Cell Membrane & Transport | Urinary System | Photosynthesis | The Cell: Homeostasis and Development | Final Exam | Animal Growth | Plant Growth | Evolution Overview | Molecular Genetics | Molecular Genetics | Heredity: Population Genetics | Responding to Environment, Nervous System, Behavior | Interactions and Independence | Review for Finals | Finals | | | | | | | | | | | | | | | | | | | | | |
| 10th Chem | Introduction to Course | Lab Safety, Introduction | Measurements and Calculations | Matter | Chemical Foundations: Elements, Atoms and Ions | Nomenclature | Chemical Composition and Chemical Reactions | Reactions in Aqueous Solutions | Limiting Reagent Problems | Limiting Reagent Problems | Review for Finals | Finals | Energy | Modern Atomic Theory | Chemical Bonding | VSEPR Model | Gases | Liquids and Solids | Solutions | Acids and Bases | Equilibrium | Electrochemistry | Review for Finals | | | | | | | | | | | | | | | | | |
| 11th Physics | The Science of Physics | Motion in One Dimension | Two-Dimensional Motion & Vectors | Two-Dimensional Motion & Vectors | Forces and the Laws of Motion | Work and Energy | Rotational Motion & Gravity Law | Rotational Equilibrium and Dynamics | Fluid Mechanics | Fluid Mechanics | Temperature and thermal equilibrium | Heat | Thermodynamics | Vibrations and Waves | Sound | Optics | Light Refraction | Interference and Diffraction | Electric Forces and Fields | Electrical Energy and Capacitance | Current and Resistance | Magnets and Electromagnetism | Alternating Current | Atomic Physics and Quantum Mechanics | Review for Finals | | | | | | | | | | | | | | | |
| AP Bio | Introduction to Course | Macromolecules, cells, kinds of cells. | Movement through the cell membrane | Photosynthesis, respiration | Cell cycle, Mendel's laws | DNA replication, protein synthesis | Gene regulation, biotechnology | Developmental genetics, mechanisms of evolution | Phylogeny, speciation | History of Life, taxonomy and origin, diversification of eukaryotes | Diversification (cont.) | Final Exams | Plants form, function, reproduction, homeostasis | Hormones, immune system | Reproductive, nervous systems | Sensors, muscle movement | Circulatory, digestive system | Excretory system, behavior | Ecology review | Review for AP | AP Exam | Project | Finals | | | | | | | | | | | | | | | | | |
| AP CHEMISTRY | Introduction to Course | Chemical Foundations | Chemical Foundations | Solution Stoichiometry | Gases | Gases | Thermodynamic/Thermodynamics | Thermodynamic/Thermodynamics | Thermodynamics | Atomic Structure and Periodicity | Atomic Structure and Periodicity | Bonding | Bonding | Covalent Bonding | Covalent Bonding | Covalent Bonding | Liquids and Solids | Review for Finals | Finals | Properties of Solutions | Chemical Kinetics | Chemical Equilibrium | Acids and Bases | Applications of Aqueous Equilibria | Review for AP | Projects, Labs and Research | Review for Finals | Finals | | | | | | | | | | | | |
| ENVIRO. SCIENCE | Introduction to Course | Ecology and Sustainability, Applying Population Ecology, Ecosystems, Population Ecology. | | | | | Sustaining Biodiversity | | | Sustaining Key Resources, Renewable and Nonrenewable Resources | | | Final Exams | Sustaining Key Resources, Renewable and Nonrenewable Resources | | | Sustaining Environmental Quality, Air Pollution | | | Water Pollution, Hazardous Waste | | | Sustainable Cities | | | Review for Finals | Finals | | | | | | | | | | | | | |
| AP PHYSICS | Mechanics Review | Mechanics Review | Mechanics Review | Mechanics Review | Fluids | Fluids | Fluids | Thermal Physics | Thermal Physics | Heat | Heat | Heat | Thermodynamics/Laws | Thermodynamics/Laws | Thermodynamics/Laws | Electromagnetic Forces and Fields | Electromagnetic Forces and Fields | Electromagnetic Forces and Fields | Electrical Energy and Capacitance | Electrical Energy and Capacitance | Direct Current Circuits | Direct Current Circuits | Magnetism | Magnetism | Induced Voltage and Inductance | Induced Voltage and Inductance | Reflection and Refraction of Light | Wave Optics | Wave Optics | Quantum, Atomic, and Nuclear Physics | Projects and Research | Project Review | | | | | | | | |
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 | Week 15 | Week 16 | Week 17 | Week 18 | Week 19 | Week 20 | Week 21 | Week 22 | Week 23 | Week 24 | Week 25 | Week 26 | Week 27 | Week 28 | Week 29 | Week 30 | Week 31 | Week 32 | Week 33 | Week 34 | Week 35 | Week 36 | Week 37 | Week 38 | Week 39 | |