

Algebra 1 Set A

- Representing Real Numbers and Expressions
- Solving Linear Equations
- Interpreting Linear Equations and Inequalities
- Using Properties of Functions
- Solving Systems of Equations
- Interpreting Systems of Equations and Rational Number Properties



Algebra 1 Set B

- Exploring Properties of Polynomials
- Interpreting Quadratic Equations
- Writing Expressions in Equivalent Forms
- Representing and Analyzing Data
- Exploring Rational Expressions and Functions
- Applying Rules of Probability



Level 1 Mathematics Set A

- Computing Fluently with Multi-Digit Numbers
- Applied Understanding of Fractions and Rational Numbers
- Extended Understanding of Rational Numbers and Absolute Value
- Developing Number Theory and Ratio Concepts
- Evaluating Unit Rate Problems and Algebraic Expressions
- Solving One-Variable Algebraic Expressions



Level 1 Mathematics Set B

- Representing Dependent and Independent Variables
- Interpreting Numerical Data
- Determining Area, Surface Area, and Volume of Polygons
- Applying Mode and Mean
- Solving with Inequalities and Plotted Points
- Determining Area, Surface Area, and Volume of Quadrilaterals



Level 2 Mathematics Set A

- Extended Understanding of Rational Numbers
- Applying Properties of Rational Numbers
- Solving with Equivalent Expressions
- Modeling with Numerical, Algebraic, and Graphical Representations
- Analyzing Proportional Relationships
- Solving with Angle Measurements



Level 2 Mathematics Set B

- Analyzing Properties of Triangles, Parallelograms, and Circles
- Solving Surface Area and Volume Applications
- Drawing Inferences based on Sampling Concepts
- Inferring with Stem-and-Leaf Plots and Histograms
- Inferring with Box-and-Whisker Plots
- Problem Solving in the Real World (Math 7 Applications)



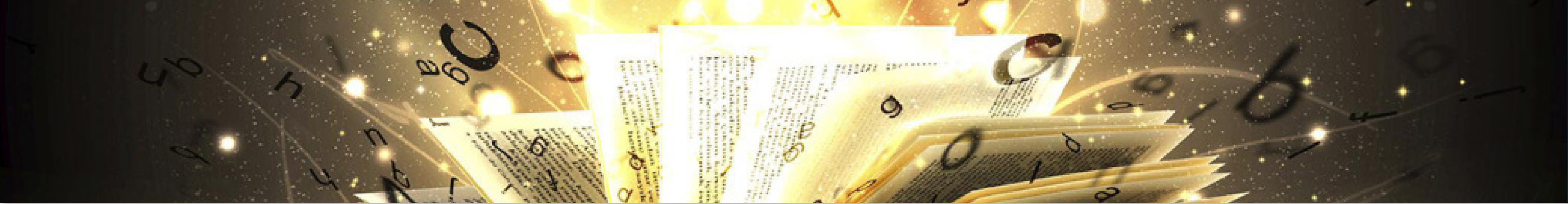
Level 3 Mathematics Set A

- Demonstrating an Understanding of Rational Numbers
- Applying Exponent Concepts
- Distinguishing between Rational and Irrational Numbers
- Applying Radical Concepts
- Analyzing Connections between Proportional Relationships
- Describing Linear Relationships



Level 3 Mathematics Set B

- Solving Linear Equations
- Interpreting Bivariate Data
- Applying Concepts of Pythagorean Theorem and Volume
- Applying Properties of Congruence
- Problem Solving in the Real World (Math 8 Applications)
- Introduction to Algebra



Level 1 English Language Arts Set A

- Reading and Analyzing Personal Narratives
- Writing Personal Narratives
- Reading Nonfiction
- Writing a Factual Report
- Reading Opinion Texts
- Writing a Persuasive Letter



Level 1 English Language Arts Set B

- Reading and Analyzing Literature
- Writing Fiction
- Reading Poetry
- Writing Poetry
- Writing an Academic Essay
- Presenting Written Work



Level 2 English Language Arts Set A

- Reading and Analyzing Personal Narratives
- Writing Personal Narrative Collections
- Reading Nonfiction
- Writing Biography
- Reading Opinion Texts
- Writing a Persuasive Speech



Level 2 English Language Arts Set B

- Reading and Analyzing Literature
- Writing Fiction Collections
- Reading Poetry
- Writing Poetry Collections
- Writing an Academic Essay
- Presenting Written Work



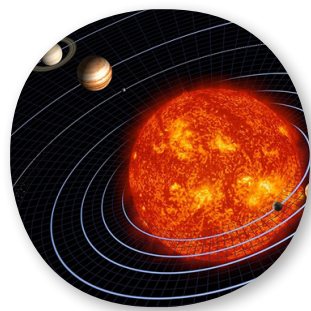
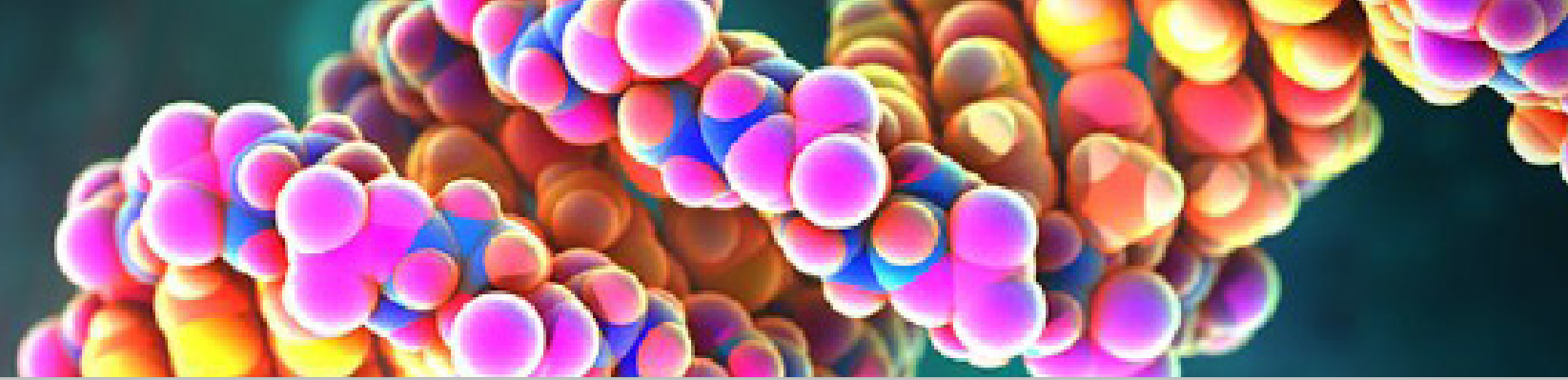
Level 3 English Language Arts Set A

- Reading and Analyzing Personal Narratives
- Writing Memoir
- Reading Nonfiction
- Writing History
- Reading Opinion Texts
- Writing Persuasive Articles



Level 3 English Language Arts Set B

- Reading and Analyzing Literature
- Writing Novels
- Reading Poetry
- Transforming Narratives into Poetry
- Writing a Thesis Paper
- Writing for the Web



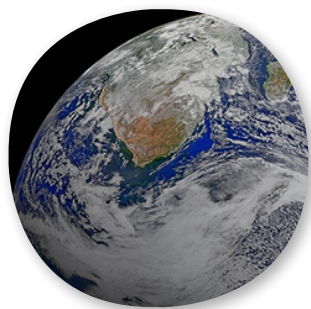
Level 1 Science Set A

- The Nature of Science
- Origin and Structure of the Solar System
- Features and Processes of the Earth
- Chemistry and the Earth
- Physics - Force and Motion
- Physics - Heat and Energy



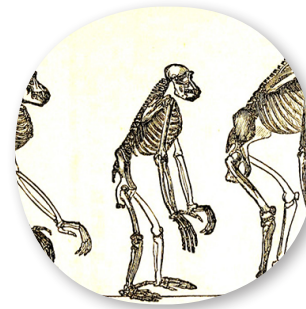
Level 1 Science Set B

- Cells - The Basic Unit of Life
- Organisms - A Survey of Life
- Organisms - Strategies, Traits, and Behavior
- Technology and Society
- STEM Systems and Models
- Applications of Science and Technology



Level 2 Science Set A

- The Scientific Method
- Gravity and Features of the Solar System
- Cycles and Patterns on Earth
- Elements and Reactions on Earth
- Physics-Force and Energy
- Physics in Our Lives



Level 2 Science Set B

- Cell Theory and Organization
- Life Processes and Cycles
- Genetics
- Biological Evolution
- Science and Technology
- Applications of Science and Technology



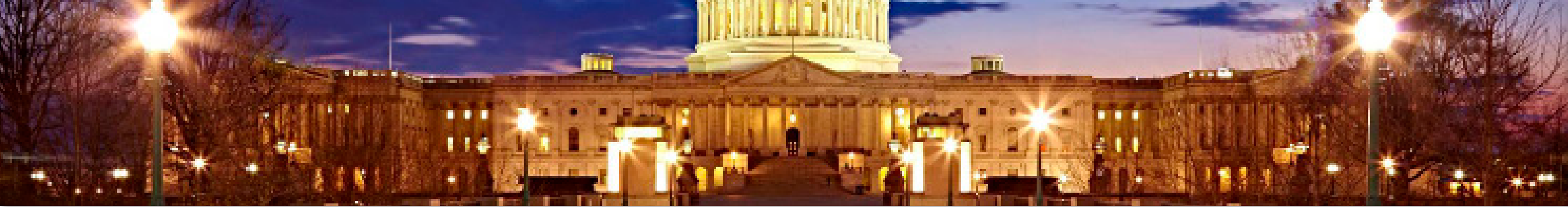
Level 3 Science Set A

- Scientific Inquiry
- Scientific Design
- Measurement and Analysis
- Biological Science
- Physical Science
- Earth and Space Science



Level 3 Science Set B

- Environmental Science
- Systems, Processes, and Models
- Applications of Science
- Technology and Society
- STEM Skills and Abilities
- STEM Careers



Level 1 Social Studies Set A

- What is government? / Rule of law
- Important Documents
- How a Bill Becomes a Law
- Rights and Responsibilities of Citizenship
- How International Relationships Function
- The Government's Role in Economics



Level 1 Social Studies Set B

- Consumers and Producers
- Choices/Role of Advertising
- Scarcity/Wants and Needs
- Types of economic systems/why things have a cost
- Entrepreneurship/Impact of Commerce
- Interdependence



Level 2 Social Studies Set A

- What is Geography?
- Physical Geography
- Human Geography
- Geography in the United States
- Historical Figures in US History
- Historical Groups in US History



Level 2 Social Studies Set B

- US History - Important Documents
- US History - Places and Artifacts
- US History - Political Contributions
- US History - Growth of Commerce and Industry
- US History - Conflict and Cooperation
- Modern US History



Level 3 Social Studies Set A

- The Americas Before 1492
- Exploration
- Colonies are Established in the New World/The Colonies Grow
- An American Revolution
- The Critical Period and the Constitution
- A Young Nation Begins



Level 3 Social Studies Set B

- Jeffersonian Era / Political, Economic, Regional Growth
- Jacksonian Era / Manifest Destiny
- Slavery, Sectionalism, and the Seeds of War
- The Civil War Pt. 1
- The Civil War Pt. 2
- Reconstruction



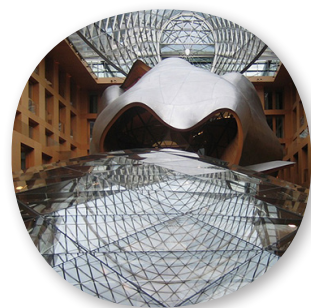
Level 1 Art

- Stone Age Art
- Cave Drawings/Lascaux Cave
- Create Animal Studies/Chalk Drawings
- Venetian and Northern Renaissance Art
- Renaissance Paintings/Jan van Eyck
- Create Portraits/Oil Paintings



Level 2 Art

- Byzantine Art
- Architecture/Hagia Sophia
- Create Mosaics with Tile, Glass, or Paper
- Impressionist Art
- Oil Pastels/Claude Monet
- Create Landscapes/Pastels



Level 3 Art

- Neoclassical Art
- Drawings and Paintings/Jean-Auguste-Dominique Ingres
- Create Self-Portraits/Charcoal or Lead
- Deconstructivist Design
- Architecture/Zaha Hadid
- Create Linear Designs



Level 1 Music

- Baroque and Classical Music
- Theory, Composition, Performance: C Major
- Theory, Composition, Performance: Understanding Intervals
- Theory, Composition, Performance: Tempo, Dynamics, and Repeats
- Theory, Composition, Performance: Enharmonics
- Critical Analysis



Level 2 Music

- Classical and Romantic Music
- Theory, Composition, Performance: Major Scales
- Theory, Composition, Performance: Time Signatures, Rhythmic Patterns
- Theory, Composition, Performance: Intervals and Enharmonics
- Theory, Composition, Performance: Major and Minor
- Critical Analysis



Level 3 Music

- Medieval and Renaissance Music
- Theory, Composition, Performance: Chord Progressions
- Theory, Composition, Performance: Melody and Chord Progressions
- Theory, Composition, Performance: Harmony and Chord Progressions
- Theory, Composition, Performance: Counterpoint
- Critical Analysis



Microsoft & Google Apps

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Google Docs
- Google Sheets
- Google Slides



Mythology

- Introduction to the Myth
- The Hero's Journey
- Egyptian Myths
- Greek & Roman Mythology
- Modern Mythology
- Modern Mythology



Coding

- Understanding Scratch
- Creating Animations and Interactive Art
- Music and Dance on Scratch
- Games on Scratch
- Creating Stories in Scratch
- Cumulative Project



Internet Resources & Safety

- Digital Life
- Social Media & Blogging
- Search Engines (Google)
- Online Research
- Online Applications
- Creating an Online Project



Fitness

- Muscular Strength and Endurance
- Cardiovascular Exercise
- Group and Team Physical Activities
- Individual Physical Activities
- Creating a Fitness Plan
- Being Safe and Fit



Health

- Major Body Systems
- Growth and Reproduction
- Nutrition
- Healthy Habits
- Personal Wellness
- Safety and Injury Prevention