MATHEMATICS

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

High School Mathematics

Peoria Unified's goal is to develop mathematically proficient students. This is achieved through a focus on reasoning and innovative problem solving that prepares all students to be successful in their post-secondary careers.

Our curriculum is aligned to the Arizona State Standards and the district's course guide. The standards focus on developing the critical-thinking, problem-solving and analytical skills students will need to be college and career ready.

- **Algebra I:** 1 credit
- **Geometry:** 1 credit
- **Algebra II:** 1 credit
- **Advanced math with Algebra II prerequisite:** 1 credit

ALGEBRA I

- Deepen and extend understanding of solving equations and systems.
- Compare the difference in behaviors between linear and non-linear relationships.
- Engage in methods of analyzing, solving and using quadratic functions.
- Apply linear models to data that exhibit a linear trend.
- Competency in Algebra I is a state university admission requirement.

GEOMETRY Prerequisite: Algebra I

- Establish criteria for congruence and similarity of geometric figures.
- Develop understanding of informal explanations of circumference, area and volume formulas.
- Prove geometric theorems.
- Solve problems involving right triangles.
- Competency in Geometry is a state university admission requirement.

ALGEBRA II Prerequisite: Geometry

- Extend the real number system to the complex number system.
- Solve and interpret solutions to a variety of equations, inequalities and systems of equations.
- Demonstrate competency graphing and interpreting functions.
- Extend simple and compound probability calculations to conditional probability.
- Competency in Algebra II is a state university admission requirement.

Overview

To ensure all Peoria Unified graduates are college and career ready, the Arizona Mathematics Standards establish clear, consistent guidelines for what every student should know and be able to do. General areas of math that students should be proficient in by the end of their high school career include:

- **Numbers and Quantity**
- **Algebra**
- **Functions**
- **Modeling**
- **Geometry**
- **Statistics and Probability**

RESOURCES

- Savvas
- Cengage Learning
- Bedford, Freeman & Worth
- Pearson/Addison, Wesley
- Houghton Mifflin
- Brooks/Cole Publishing Co.

MATHEMATICS

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

Additional Core Course Offerings

		HONORS CREDIT OFFERED	DUAL ENROLLMENT OFFERED	ONLINE COURSE OFFERED
FINANCIAL ALGEBRA	Investments, credit, automobile expenses, insurance, income tax, household budgeting and more.			✓
COLLEGE MATH	Increase understanding of mathematical concepts and their applications through topics including set theory, probability, statistics, finance and geometry.	✓	✓	
COLLEGE ALGEBRA	Systems of equations and inequalities, conic selections, polynomials, rational numbers, exponential functions, logarithmic functions and matrices.		✓	✓
STATISTICS	Basic concepts and application of statistics including data description, estimation and hypothesis tests.		✓	

Elective Course Offerings

		HONORS CREDIT OFFERED	DUAL ENROLLMENT OFFERED	ONLINE COURSE OFFERED
PRE-CALCULUS	Verify trigonometric identities and use them to solve trigonometric equations. Topics include partial fractions, vectors, linear velocity, angular velocity and both arithmetic and geometric sequences and series.	✓	✓	✓
BRIEF-CALCULUS	Introduction to limits, differentiation and integration with emphasis on business applications.	✓	✓	✓
AP STATISTICS	Collect, analyze and draw conclusions from data, using technology, investigation, problem solving and writing to build conceptual understanding, design, administer, and tabulate results from surveys ad experiments.	✓		
AP CALCULUS I	Study of continuity, limits, differentiation and integration as applied to algebraic, trigonometric and transcendental functions.	✓	✓	
AP CALCULUS II	Study of advanced integration techniques, convergence and divergence of infinite series, parametric equations, polar coordinates, vector analysis and spatial geometry.	✓	✓	

*Class offerings may vary by high school. Please check with your child's school counselor.

SOCIAL STUDIES

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

High School History and Social Sciences

The fundamental goal of history and social sciences is to have educated and engaged citizens with a strong understanding of the interconnectedness of all disciplines and to use critical thinking skills to actively participate in society.

Our curriculum is aligned to the Arizona State Standards and our district course guide. As determined by the Arizona State Board of Education (R7-2-302), high school students must take a minimum of four courses totaling three credits:

- **World History:** 1 credit
- **Arizona/United States History:** 1 credit
- **Economics:** ½ credit
- **Government:** ½ credit

Civics Test

Per the American Civics Act (House Bill 2064), students are required to pass a civics test in order to graduate. A minimum score of 70% is considered passing. The 100 questions on the civics test come from the civics portion of the naturalization test used by United States Citizenship and Immigration Services. Students who do not pass the civics test by eighth grade will be required to pass it in high school in order to graduate.

Overview

The Arizona History and Social Science Standards define the knowledge, understanding and skills necessary for all students to be ready to succeed in credit-bearing, college-entry courses in the workplace, in military service and in civic life as members of a constitutional republic. History and Social Science courses focus on thinking analytically, reading widely and critically and communicating logically and clearly in order to prepare students for college, career and civic life. By the end of their high school career, students should be able to:

- Gather and evaluate evidence.
- Formulate evidence-based arguments and explanations.
- Critique counterclaims.
- Communicate conclusions through writing, speaking and visualizing.
- Articulate the roles and responsibilities of citizenship.
- Apply economic reasoning to make informed decisions.
- Think geographically about the world.

RESOURCES

- **Discovery Education**

WORLD HISTORY

This required course explores a variety of people, events and movements in world history from the 15th century to the present day. Emphasis is on inquiry into the impact of social, political and economic influences on historical events as well as geographic reasoning as it relates to global diversity of environments and cultures.

AZ/US HISTORY

This required course explores a variety of people, events and movements in United States history. Emphasis is on inquiry into the evolution of American democratic principles, changes in society, economic and geographical development and the emergence of the United States as a global power, as well as how Arizona and its diverse cultures and individuals contributed to United States history.

ECONOMICS

This required course explores how people, institutions and societies choose to use resources to meet their wants and needs. The goal of studying economics is to ensure that students become financially literate individuals who make reasoned judgments about both personal economic questions and broader questions of economic policy.

GOVERNMENT

This required course emphasizes knowledge of the history, principles and foundations of our republic as well as the role citizens play in the United States and Arizona's system of government. Using an inquiry approach, students explore how to become active and informed citizens.

SOCIAL STUDIES

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

Additional Core Course Offerings

		HONORS CREDIT OFFERED	FINE ARTS & CTE REQUIREMENT
AP WORLD HISTORY	Develops a greater understanding of the evolution of global processes and contact in different types of human societies. The course highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. **Meets World History requirement.**	✓	✓
AP AZ/US HISTORY	Includes the study of Arizona history, evaluation of primary source material, examination and explanation of political cartoons and the analysis of several historical works. **Prerequisite: World History** **Meets AZ/US History requirement.**		✓
AP MACRO-ECONOMICS	Examines the principles of Economics that apply to an economic system as a whole. **Meets Economics requirement.**	✓	✓
AP MICRO-ECONOMICS	Provides understanding of the principles of Economics that apply to the functions of the individual decision maker; both consumers and producers, within the larger economic system of a mixed market economy. **Meets Economics requirement.**	✓	✓

Elective Course Offerings

		ONLINE COURSE OFFERED
PSYCHOLOGY	Examines human behavior on a personal level and from a theoretical standpoint and emphasizes the psychoanalytic, behaviorist and humanist approaches to growth and behavior changes.	✓
AP PSYCHOLOGY	Builds on the basic concepts taught in Psychology and Sociology by identifying healthy progressions of life span developments, with an emphasis on research and analysis of theories and therapies. The course explores diagnosis, treatment and prevention of unhealthy personalities.	✓
SOCIOLOGY	Examines the ways people interact with one another. Topics will include relationships in groups, family and society. Vital issues and social problems will also be covered.	✓
GEOGRAPHY	Examines how people of different cultural backgrounds interact with their environment. They will understand how the United States and the students' community are affected by conditions and events in both near and distant places.	✓
AP HUMAN GEOGRAPHY	Introduces students to the study of patterns and processes shaping human understanding, use and alteration of Earth's surface. They employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences	
BUSINESS LAW	Presents a history and philosophy of law and the legal system in the United States, with a particular emphasis on those topics affecting students as future business leaders and employees. Topics may include contracts, commercial paper and debt instruments, property rights, employer and employee relationships and constitutional rights and responsibilities.	
AP EUROPEAN HISTORY	Provides a broad-based background in the political, social, cultural, ethnic and religious history of Europe focusing on the period from the Renaissance through the present. The interrelationships of these areas and the lasting impact on Europe and the world will be major areas of emphasis.	

*Class offerings may vary by high school. Please check with your child's school counselor.

SCIENCE

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

High School Science

The fundamental goal of science education is to help students determine how the world works and make sense of phenomena in the natural world. Phenomena are observable events that can be explained or explored.

Sense-making in science is a conceptual process in which the learner actively engages with phenomena in the natural world to construct logical and coherent explanations that incorporate their current understanding.

To develop a scientific understanding, students must be able to ask questions, gather information, reason about that information and connect it to the scientific principles, theories, or models and effectively communicate their understanding and reasoning.

Our curriculum is aligned to the Arizona State Standards and our district's course guide, as determined by the Arizona State Board of Education (R7-2-302) and the Governing Board.

Overview

In Arizona, while students are required to take three credits of high school science to meet graduation requirements, there is no mandatory course sequence across the state. Because of this, the high school standards are written at two levels. essential and plus.

Essential Standards: All high school essential standards should be mastered by every high school student regardless of the three-credit course sequence they take. The full set of 28 high school essential standards should be taught over that three-course sequence. Essential High School Science Standards are designed to provide opportunities for students to develop understanding of all core ideas across three credits of high school science.

The pathways on the following page indicate which essential standard each course covers in an effort to help students and parents select the best path for their student.

Course Pathways

Assuming a student takes Biology or Biology Honors as a freshman, the student must take two more sciences prior to the end of their junior year to fulfill the State's expectations and graduation requirements.

Biology ➡ Chemistry ➡ Physics

Biology ➡ Chemistry ➡ Earth Space

Biology ➡ Earth Space ➡ Physics

Biology ➡ Earth Space ➡ Conceptual Physics

Biology ➡ Environmental ➡ Physics

It is possible that students start with Earth Space or Conceptional Physics, but all recommended pathways include Biology by the end of junior year.

RESOURCES

- Conceptual Physics
- Savvas Biology
- Savvas Earth Space
- Savvas Environmental
- Experience Chemistry
- Experience Physics

SCIENCE

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

Core Course Offerings

		HONORS CREDIT OFFERED	DUAL ENROLLMENT OFFERED	ONLINE COURSE OFFERED	SATISFIES LAB REQUIREMENT
BIOLOGY	Biology is an inquiry-based course that studies how life is organized into systems and cycles. Topics include life processes, cell genetics, natural selection, and ecology. This course satisfies a science lab requirement for state universities.	✓		✓	✓
EARTH SPACE SCIENCE	Introduction to Earth's interconnected systems and how they change due to natural processes. Topics include the Big Bang Theory, galaxies, stars, solar system interactions, geologic history of Earth, and Earth materials and systems.			✓	✓
PHYSICS	Investigate the physical properties of matter and the relationship to energy. Topics include force, motion, energy, momentum, waves and optics.	✓	✓	✓	✓
ENVIRONMENTAL SCIENCE	Study connections between human activities and environmental impact with a focus on sustainable solutions through the study of societies, economies and the environment. Topics include pollution, waste management, population growth, agriculture, energy usage, biodiversity, climate change, natural resources and other environmental issues.			✓	✓
CHEMISTRY	Investigate structure and properties of matter and the changes matter can undergo. Topics include atomic structure, chemical reactions, nomenclature, bonding and properties of matter.	✓	✓	✓	✓
CONCEPTUAL PHYSICS	Examine the interactions between objects. Topics for this course include motion, energy, waves and electricity.				✓

Elective Course Offerings

		HONORS CREDIT OFFERED	DUAL ENROLLMENT OFFERED	SATISFIES LAB REQUIREMENT
BIOLOGICAL APPLICATIONS AND TECHNOLOGY	Explore current biotechnology and how it applies to medicine, bioremediation and agriculture using an inquiry process. Topics include current biotechnological practices and how these relate to biology.	✓		✓
HUMAN PHYSIOLOGY	Uses Maricopa County Community College Standards. Study the structure and function of the human body and its many systems, i.e., skeletal, nervous, reproductive, circulatory, etc. Dissection of biological specimens is a mandatory component.		✓	✓
AP BIOLOGY	Explore topics such as evolution, cellular processes, energy and communication, genetics, information transfer, ecology and interactions.	✓	✓	✓
AP CHEMISTRY	Explore the four Big Ideas: scale, proportion and quantity, structure and properties of substances, transformations and energy.	✓	✓	✓
AP PHYSICS I	Algebra-based, introductory college-level physics course. Explore concepts like systems, fields, force interactions, change, conversation and waves.	✓	✓	✓
AP PHYSICS II	Explore topics like fluid statistics and dynamics, thermodynamics with kinetic theory, PV diagrams and probability, electrostatics, electrical circuits with capacitors, magnetic fields, electromagnetism, physical and geometric optics, and quantum, atomic, and nuclear physics.	✓		✓
AP ENVIRONMENTAL SCIENCE	Identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems and examine alternative solutions for resolving or preventing them.	✓		✓

*Class offerings may vary by high school. Please check with your child's school counselor.

ARTS EDUCATION

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

High School Arts Education

The Arizona Academic Standards in the Arts are structured around four artistic processes: creating, performing/presenting/producing, responding and connecting. These artistic processes are designed to answer the question, "what do artists do?" and are consistent across all arts disciplines: visual arts, music, dance and theatre.

Performing and visual artists **create** by...

- Generating and conceptualizing artistic ideas and work.
- Organizing and developing artistic ideas and work.
- Refining and completing artistic work.

Performing and visual artists **perform/present/produce** by...

- Analyzing, interpreting and selecting artistic work for presentation.
- Developing and refining work for presentation .
- Conveying meaning through the presentation of artistic work.

Performing and visual artists **respond** by...

- Perceiving and analyzing artistic work.
- Interpreting intent and meaning in artistic work.
- Applying criteria to evaluate artistic work.

Performing and visual artists **connect** by...

- Synthesizing and relating knowledge and personal experiences to create.
- Relating artistic ideas and works with societal, cultural and historical context to deepen understanding.

CR — CREATING

PR — PERFORMING, PRESENTING, PRODUCING

RE — RESPONDING

CN — CONNECTING

Arts Education Mission

The mission of the Peoria Unified Arts Education Department is to promote artistic literacy, personal expression, innovation and critical thinking. By providing all Peoria Unified students the opportunity to experience and engage in the Arts, we support the academic, creative, collaborative and emotional needs of our students, equipping them to become critical thinkers and to shape the future of an ever-changing world.

CURRICULAR RESOURCES

- Photoshop
- Mixcraft
- MakeMusic
- Sight Reading Factory

ARTS EDUCATION

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

THE ARTS PREPARE GRADUATES WITH...

- **Collaboration and Leadership**
  Allocating resources • Evaluating • Decision making • Team building • Delegating • Goal setting • Conflict resolution
- **Critical Thinking and Problem Solving**
  Comparing and contrasting • Analyzing • Tracking cause and effect • Solving multi-step problems • Evaluating
- **Communication**
  Speaking • Writing • Listening actively • Analyzing the situation • Evaluating messages
- **Creativity and Innovation**
  Create • Imagine • Improvise • Innovate • Address a problem from multiple view points with multiple solutions • Entertain

Arizona State Seal of Arts Proficiency

Peoria Unified has been granted the privilege to award qualifying graduates with the Arizona State Seal of Arts Proficiency upon receipt of their diploma. This award celebrates students who demonstrate high levels of proficiency in the Arts Education Standards.

Requirements are as follows:
- Final GPA of 3.0 or higher in each qualifying Arts course.
- 4 minimum credit requirements in an artistic discipline.
- 80 hours of arts related extracurricular activities.
- A student capstone project.

More details are available through the Peoria Unified Arts Education Department, or by contacting your Peoria Unified Arts Educator.

Arts Programming

The Peoria Unified Arts Education Department offers courses addressing the three levels of proficiency in the Arizona State Arts Standards.

PROFICIENT
- Advertising Art
- Band (Marching, Jazz and Concert)
- Ceramics
- Keyboard
- Music Theory
- Photography
- Production Design
- Theatre Arts
- Unified Arts
- Visual Art
- Dance
- Digital Music
- Guitar
- Mixed Choir

ACCOMPLISHED
- Advanced Dance
- Band (Marching, Jazz and Concert)
- Ceramics
- Concert Choir
- Photography
- Production Design
- Theatre Arts
- Visual Art

ADVANCED
- Band (Marching, Jazz and Concert)
- Ceramics*
- Choir Ensemble
- Performance Dance
- Photography*
- Theatre Showcase
- Visual Art*

*Advanced Placement Available

*Class offerings may vary by high school. Please check with your child's school counselor.

KINDERGARTEN

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

Welcome to Kindergarten!

Kindergarten is an exciting experience and serves as the foundation for a child's academic future. Peoria Unified offers free, full-day kindergarten in a rigorous, engaging, safe and nurturing environment with highly-qualified teachers that help children be successful throughout their educational journey.

In Kindergarten, children will gain skills which will help them learn how to read and write. They will learn social skills, emotional skills, listening skills, concepts in literacy, mathematics, science and social studies. They are also exposed to physical education and special area classes such as art and music.

Kindergarten is so much more than learning the A, B, C's - it is where creativity is encouraged and bright minds blossom in a fun, safe environment. In Peoria Unified, we strive to make this an easy adjustment for parents to ensure their children are well-prepared for the best educational experience possible.

Support at Home

- Read regularly with your child.
- Talk about the world around them.
- Share your thinking as you accomplish tasks using phrasing such as "I know when I..." or "I thought to myself..."
- Ask them questions.
- Ask if they have any questions.
- When you're out and about, play I-Spy with the starters like, "I spy something that begins with the sound..." or "I spy something that comes in 2s".
- Ask you child to count out items with you.

Daily Conversation Starters

- Tell me about the best part of your day.
- Why do you think (math, reading, etc.) was hard or easy today?
- What is something you can show me that you learned today?
- What are you wondering about that you heard or learned?

CURRICULAR RESOURCES

- Fundations
- Benchmark Advance
- Step Up to Writing
- iReady Reading
- iReady Math
- enVision
- The PBL Project
- Discovery Education
- Elevate Science

KINDERGARTEN

English Language Arts

FOUNDATIONAL SKILLS

- Understand basic features of print.
- Recognize and orally manipulate sounds.
- Blend sounds to read written words.
- Read and recognize sight words and different syllable types.
- Use phonics to write words.
- Share thoughts and ideas in writing.

READING

Fiction texts:

- Ask and answer questions about stories, poems and unknown words.
- Identify and retell key details, characters, and setting.

Non-fiction texts:

- Recognize parts of nonfiction text.
- Identify and retell key details.
- Ask and answer questions about the world around them.

WRITING

- Use a combination of drawing, dictating, and writing.
- Explore digital tools for communication.
- Generate ideas for writing from reading.
- Make connections to the world around them.
- Write upper and lowercase letters.
- Separate simple words into their syllables.
- Write frequently used words.

Mathematics

- Know number names and counting order.
- Count to tell the number of objects.
- Understand the quantity of a whole number 0-19.
- Understand place value of whole numbers 0-19.
- Add and subtract (using strategies) 0-10.

Science

Kindergartners will use their senses to help them make observations and predictions about the world around them. Students will investigate how the senses detect light and sound, observe weather patterns and their influences on plants and animals, and differentiate between systems and structures of living and non-living things.

Social Studies

Understand roles and responsibilities as citizens within their own world, through an introduction to civics, geography, economics, and history. Students will also learn about their own culture and how it impacts understanding of oneself and others as well as be introduced to aspects of our National culture.

- Importance of rules and responsibilities.
- Individual roles in a community.
- Personal decision-making.
- Familiarity with geographic models.
- Culture in the home, school and community.
- American symbols, holidays and traditions.

Technology

Start to learn about Internet Safety. Begin computer fundamentals - using a mouse and keyboards as input devices, locating the alphabet on the keyboard and entering their usernames and passwords. Work with multimedia to draw lines to tell a digital story. Introduce visual mapping and computational thinking by finding and identifying patterns.

Music

Identify and apply to performance the following:

- Voices: singing, talking, shouting, whisper.
- Musical symbols and vocabulary: steady beat, echo, opposite.
- Dynamics: loud and quiet.
- Meter/Movement: Move to the steady beat.
- Aural recognition: high/low.
- Aural perception: same/different, high/low, fast/slow, long/short.
- Instrument families: body percussion (pat, clap, snap, stamp).

Visual Arts

Identify art in the world around them. Identify the following elements of art in artwork and in life, and create artwork using the following elements of art:

- Color Schemes: Primary (red, yellow, blue) and secondary (orange, green, violet).
- Line: Wavy, zig-zag, broken, thin, thick, horizontal, vertical, diagonal.
- Shape: Geometric (diamond, rectangle, circle, triangle, star, oval, square).

Physical Education

Kindergarteners will work on the following:

- Flexibility: touches toes.
- Hop: 3 times with both feet.
- Jump: right foot to left foot, 7 in a row.
- Skip: straight line.
- Gallop: with dominant foot leading.
- Slide: with dominant foot leading.
- Balance: heel to toe walk for 10 seconds.
- Underhand Throw: bean bag or small ball.
- Bounce Catch: times with a playground ball.

FIRST GRADE

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

Welcome to First Grade!

First grade is a year full of wonderful educational opportunities as students begin to deepen and expand upon their emergent learning from kindergarten. The world around first graders provides a rich environment to practice, explore, and strengthen their reading, writing, and math skills. Creating strong phonological awareness is a hallmark of this grade as students will use the skills and knowledge developed in reading, across all other subject areas, and into their own personal lives.

Students are learning to read and reading to learn! Writing is essential for students to learn how to express thoughts and ideas through written form.

Math focuses on basic addition and subtraction and working with numbers to 100. Students will experience and engage in science and social studies with an emphasis on relationships between community, systems and cycles.

Support at Home

- Read regularly with your child.
- Have them create and track lists, read menus, and identify event times and item prices.
- Cereal boxes, flyers, and recipes all help bring learning alive for our younger students.
- Writing invitations, notes, reminders, and lists are real-world applications of the standards and skills children learn within the four walls of a classroom.
- Having children count out apples and oranges at the store while using phrases like, “If I had you grab one more, how many would we have now?”
- Ask them questions and ask if they have any questions or “I wonders.”

Daily Conversation Starters

- Tell me about the best part of your day.
- Why do you think (math, reading, etc.) was hard or easy today?
- Share something new you know today that you didn’t yesterday.
- What was your biggest thought today?

CURRICULAR RESOURCES

- Fundations
- Benchmark Advance
- Step Up to Writing
- iReady Reading
- iReady Math
- enVision
- The PBL Project
- Discovery Education
- Elevate Science

FIRST GRADE

English Language Arts

FOUNDATIONAL SKILLS

- Recognize and orally manipulate sounds.
- Blend sounds to read written words.
- Read and recognize sight words, word endings and syllable types.

READING

Fiction texts:

- Ask and answer key questions about a text.
- Retell stories, focusing on the main idea.
- Use key details to describe the characters, setting and major events.
- Identify who is narrating the story.

Non-fiction texts:

- Retell key details focusing on the main idea.
- Ask and answer questions about the world around them.
- Use text illustrations to explain main idea.
- Identify/use text features (headings, tables, glossaries, etc.).
- Identify reasons an author gives to support an idea.

WRITING

- Write opinion and explanatory pieces.
- Write stories with sequenced events and details.
- Recall information (experience/learning) to answer a question.
- Explore digital tools for communication.
- Generate ideas for writing from reading.
- Make connections to the world around them.
- Write manuscript/print letters.
- Correctly spell frequently used words.
- Apply phonetic knowledge when writing.
- Use nouns, verbs, & adjectives to express ideas.
- Produce complete sentences.
- Capitalize dates and names of people.

Mathematics

- Work with numbers to 100, comparing, sequencing, finding 10 more or 10 less of any two-digit number mentally.
- Order three objects by length.
- Tell and write time to the hour and half hour on both a digital and analog clock.
- Add and subtract fluently through 20.
- Understand place value of all numbers through 100.

Science

Students will make observations to understand the connections between Earth materials and the ability for Earth to sustain a variety of organisms. Students learn how objects can impact other objects from a distance or by contact with each other, how organisms interact with Earth materials for survival and how life systems have cycles.

Social Studies

Understand how a community functions and how each member contributes for the common good. Students will study their local community and learn about characteristics that define urban, suburban, and rural communities. Democratic principles and participation in government are introduced.

- Community resources, environment, change over time, and cause/effect are examined.
- Understanding perspectives of others.
- School and community functions of government.
- Earning, spending, and saving money.
- Using geographic models.
- Effects of human movement.
- Cooperation and compromise.
- American symbols and traditions.

Technology

- Extend Internet safety with safe site strategies and computer rules.
- Build on computer basics including hardware fundamentals, using a keyboard to now not only locate keys, but also begin using keys to type letters and numbers aligned to Language Arts topics.
- Introduce Microsoft Word processing and typing.
- Work with multimedia as well as visual mapping by sorting sets and computational thinking by following sets of directions.

Music

Identify and apply to performance the following:

- Rhythmic durations: quarter rest, quarter note, and paired eighth notes.
- Musical symbols and vocabulary: treble clef and repeat sign.
- Dynamics: loud and quiet.
- Meter/Movement: march/sway, sets of 2, 3 and 4.
- Aural perception: beat vs. rhythm vs. no beat.
- Instrument families: percussion.
- Solfège: So mi la.

Visual Arts

Identify art in the world around them. Identify the following elements of art in artwork and in life, and create artwork using the following elements of art:

- Color Schemes: primary and secondary, warm and cool.
- Adding and mixing colors.
- Line: wavy, zig-zag, broken, thin, thick, horizontal, vertical, diagonal.
- Shape: geometric (diamond, rectangle, circle, triangle, star, oval, square) and organic shapes.
- Patterns: recognize types of patters and create patterns in my artwork.

Physical Education

First graders will work on the following:

- Flexibility: touches toes.
- Abdominal Strength: 5 curl ups.
- Skip: straight line.
- Gallop: with dominant foot leading.
- Slide: with dominant foot leading.
- Stationary Balance: dominant/non dominant foot 10 sec.
- Moving Balance: heel toe walk 10 sec.
- Underhand Throw: bean bag /small ball.
- Catch: small ball.
- Dribbling: stationary 7 times.

SECOND GRADE

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

Welcome to Second Grade!

Second graders are settling in with their experiences from kindergarten and first grade. It is a year to accelerate thinking, deepen understanding, and expand their skills. Students can build on what they have learned in previous years by reading more complex text, writing longer and detailed pieces, and engaging in research projects. These readers will compare and contrast multiple texts using the reading strategies they learned in kindergarten and first grades.

Similarly in math, students will strengthen their use of addition, subtraction, and place value strategies. Students may work with numbers to a hundred or thousand depending on the mathematical concept. Social students move from the community level of first grade into the world for second. Science builds on their understanding of systems, system models, energy and matter. Reading, writing, math, science, and social studies will work together to provide rich learning opportunities as students learn essential concepts across each subject area.

Support at Home

- Talking with and listening to your child every day about what is happening in school and into their personal lives is a powerful way to support their learning.
- Encourage reading in any and all ways. It can be reading picture books, short chapter texts, menus, gaming guides, and project instructions.
- Create real-world connections to help children take their education outside the four walls of their classroom into personal lives. They can make grocery lists, meals plans, and invitations.
- Engage in math by counting how long a red light lasts or determining number of items in a package or the amount of a serving size.

Daily Conversation Starters

- Tell me about the best part of your day.
- Why o you think (math, reading, etc.) was hard or easy today?
- Share something new you know today that you didn't yesterday.
- What was your biggest thought today?

CURRICULAR RESOURCES

- Fundations
- Benchmark Advance
- Step Up to Writing
- iReady Reading
- iReady Math
- enVision
- The PBL Project
- Learning.com
- Discovery Education
- Elevate Science

SECOND GRADE

English Language Arts

FOUNDATIONAL SKILLS

- Read words with common prefixes & suffixes.
- Read irregularly spelled words.

READING

Fiction texts:

- Read and understand a variety of literature from multiple cultures.
- Identify key characteristics of literature.
- Describe overall structure of a story or poem.
- Ask and answer questions.
- Determine central idea of a story or poem.
- Compare/contrast versions of the same story by different authors or cultures.

Non-fiction texts:

- Identify main ideas of multi-paragraph text.
- Ask and answer questions about the world around them.
- Make connections between historical events, scientific ideas, or steps in technical procedures.
- Use text features to locate facts.
- Compare/contrast important points between two texts of the same topic.

WRITING

- Write opinion and explanatory pieces.
- Write narratives.
- Revise writing based on feedback.
- Gather information from provided sources to answer questions.
- Use correct grammar.
- Identify and write sounds, root words, prefixes, and suffixes.

Mathematics

- Add up to three, two-digit numbers.
- Solve story problems with addition of up to three, two-digit numbers, using any needed strategy to add and subtract through 1,000.
- Tell and write time to the nearest five minutes using an analog or digital clock.
- Recognize a variety of coins and bills to solve real-world problems involving collections of money.
- Understand place value of all numbers through 1,000 and add and subtract numbers within 100.

Science

Students will understand the basic concept that energy can change the phase of mater and is necessary for life. Students begin to understand energy and matter, the formation of Earth's surface features, water cycles and energy flow, changes in the environment, patterns in the sky, and the conditions necessary for life on earth.

Social Studies

Develop understanding of the world around them to learn how other cultures and civilizations are interconnected and have influenced who we are as a community, state, and nation. Skills covered this year include:

- Working together to solve problems.
- Individual and leadership roles.
- Earning, spending, and saving money in a global community.
- Identifying regions using geographic models.
- Influence of weather and climate.
- Development and change of civilizations and cultures.
- Societal institutions and their belief systems.

Technology

- Extend Internet safety with strategies for cyberbullying prevention.
- Build on knowledge of hardware fundamentals including printers, scanners and data storage.
- Introduce software fundamentals.
- Practice keyboarding.
- Use word processing to create document.
- Learn about databases and spreadsheets.

Music

Identify and apply to performance the following:

- Rhythmic durations: half note, half rest, quarter note, eighth note pair.
- Musical symbols and vocabulary: treble clef, staff, note head, stem, beam, etc.
- Dynamics: loud and quiet.
- Meter/Movement: waltz and march.
- Form: AB and ABA.
- Aural perception: solo, group, steady beat vs. rhythm, female voice, male voice.
- Melodic direction: moves up, moves down, stays the same.
- Instrument families: recognition of each family's tone quality, bass, alto, soprano.
- Solfège: So, mi, la.

Visual Arts

Identify art in the world around them. Identify the following elements of art in artwork and in life, and create artwork using the following elements of art:

- Color Schemes: primary and secondary, warm and cool.
- Adding and mixing colors.
- Line: wavy, zig-zag, broken, thin, thick, horizontal, vertical, diagonal.
- Shape: geometric (diamond, rectangle, circle, triangle, star, oval, square) and organic shapes.
- Patterns: recognize types of patterns and create patterns in artwork.

Physical Education

Second graders will work on the following:

- Flexibility: palms on ground.
- Abdominal Strength: 8 curl ups.
- Skip: figure 8.
- Gallop: transition from dominant to non-dominant foot.
- Slide: transition from dominant to non-dominant foot.
- Rhythm: jump rope 5 times.
- Moving Balance: toe to heel walking backwards.
- Underhand Throw: small ball.
- Catch: small ball.
- Dribbling: figure 8.

THIRD GRADE

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

Welcome to Third Grade

Third grade is filled with both new learning and extending understanding on previously learned skills and concepts. Students are becoming strategic and thoughtful readers who seek to make meaning of text. They are analyzers and super sleuth readers by breaking down texts, asking and answering questions, and using evidence to support thinking.

Multiplication, division, and fractions are highlight topics in math. Learning about the concepts of multiplication and division lay the foundation for math fact practice and fluency that also plays a big role in this grade level. Science will focus on energy and matter with structure and functions in relation to systems and system models. Arizona is the driving topic for Social Studies and what a wonderful way to learn about this great state.
It is a transitional grade level as children start as primary students and move into intermediate learners by the end of the year.

Support at Home

- Talking with and listening to your child every day about what is happening in school and their lives is a powerful way to support their learning.
- Encourage reading in any and all ways. Help children share their thought process while working through a task, reading a book, completing a procedure, making decisions, and working to solve problems. Reading and writing at home continues to be one of the most effective ways to strengthen skills and knowledge.
- As with previous grade levels, reading does not have to be from a traditional novel. Gaming guides and directions can be of high interest to children.

Daily Conversation Starters

- Tell me about the best part of your day.
- Do you think (math, ELA, etc.) was hard or easy today?
- Share something new you know today that you didn't yesterday.
- Tell me about your grades in (math, ELA, etc.)
- What can I help you with or study?
- What's coming up in (math, ELA, etc)?

CURRICULAR RESOURCES

- Fundations
- Benchmark Advance
- Step Up to Writing
- iReady Reading
- iReady Math
- enVision
- The PBL Project
- Learning.com
- Discovery Education
- Elevate Science

THIRD GRADE

English Language Arts

FOUNDATIONAL SKILLS

Read words with common prefixes and suffixes, focusing on Latin suffixes. Read irregularly spelled words.

READING

Fiction texts:

- Use reading strategies to recount and paraphrase.
- Show knowledge of how parts of a text (e.g. chapters) build on each other.
- Determine central idea of text and how key details contribute.
- Locate text evidence to support answers and opinions.
- Distinguish own point of view from that of the narrator or characters.
- Compare/contrast themes, settings, and plots.

Non-fiction texts:

- Show knowledge of how parts of text (e.g. paragraphs) build on each other.
- Determine central idea of text and how key details contribute.
- Locate evidence in text to support answers and opinions.
- Make connections between series of historical events, scientific ideas or steps in technical procedures.
- Find the meaning of key vocabulary words.

WRITING

- Write opinion & explanatory pieces (supporting ideas, linking words, conclusion).
- Write narratives (events, actions, thoughts).
- Revise writing based on feedback.
- Conduct short research projects.
- Gather information from sources to answer a question.
- Produce writing that is organized for specific task, audience and purpose.
- Spell regular two and three syllable words and one syllable words with less common spellings.

Mathematics

- Understand place value to 1000.
- Add and subtract multi-digit numbers to 1000.
- Multiply and divide through 100.
- Understand what it means to multiply and divide through strategies (e.g. equal-sized groups, arrays, etc.).
- Understand that a fraction is a number.
- Understand how to write a fraction and what the numerator and denominator stand for.

Science

Students will gain an understanding of how the Sun provides energy for life on Earth. Students apply their understanding of light and sound waves, how they travel, are detected, and transfer energy. Students learn that organisms have different structures and functions which increase their chances of survival.

Social Studies

Study Arizona within an integrated approach considering the following factors:

- The contributions of various cultural and ethnic groups including the 22 Indian Nations that reside in Arizona.
- Economic, political, and geographic elements.
- Structure of the state and local governments.
- Roles and responsibilities as citizens of Arizona.
- Examination of primary and secondary sources including written and oral histories, images, current events, and artifacts.
- Disciplinary skills and processes including change and continuity over time, multiple perspectives, using and understanding sources, and cause/effect.

Technology

- Deepen understanding on online safety and strategies for cyberbullying prevention and acceptable use policy introduced.
- Practice touch keyboarding (mastery goal-5 WPM & 80% accuracy).
- Begin studying network basics and device compatibility.
- Use intermediate formatting in word processing.
- Learn about spreadsheet navigation and algorithms and coding basics.

Music

Identify and apply to performance the following:

- Pitches on the staff by location and note name.
- Rhythmic durations: whole note, dotted half note, half note, quarter note, eighth note pair and corresponding rests.
- Musical symbols: treble clef, measure, double bar line, repeat sign, triple and duple meter, piano, forte
- Visual intervals: repeat, step and skip.
- Form: AB and ABA.
- Aural perception: unison, harmony, major, minor.
- Melodic direction: moves up, moves down, stays the same.
- Instrument families: woodwind, brass, percussion, strings.
- Solfège.

Visual Arts

Identify art in the world around them. Identify the following elements of art in artwork and in life, and create artwork using the following elements of art:

- Color Schemes: primary (red, yellow, blue) and secondary (orange, green, violet), Warm (red, yellow, orange) and Cool (blue, green, violet).
- Tint: If I add white to a color, it will become lighter. Shade: If I add black to a color, it will become darker.
- Shape: 3D forms (sphere, cube, cylinder, pyramid, cone).
- Space: positive space and negative space.
- Balance: symmetric, asymmetric, radial.

Physical Education

Third graders will work on the following:

- Cardiovascular Endurance: Run three quarters of a mile in 13 minutes.
- Muscular Strength & Endurance: Complete 15 push-ups & 25 curl-ups.
- Flexibility: Bend over & touch their toes with straight legs or sit down and touch their toes with straight legs.

FOURTH GRADE

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

Welcome to Fourth Grade!

Fourth grade is about expanding educational horizons as readers, mathematicians, historians, and scientists. As with previous grades, it is an expectation that students read grade-level text. Learning how to navigate unfamiliar, complex, and unknown words and concepts will be essential in the school years to come.

Support at Home

- Talking with and listening to your child every day about what is happening in school and their lives is a powerful way to support their learning.
- Encourage reading in any and all ways. Help children share their thought process while working through a task, reading a book, completing a procedure, making decisions, and working to solve problems.
- Reading and writing at home continues to be one of the most effective ways to strengthen skills and knowledge.
- As with previous grade levels, reading does not have to be from a traditional novel. Gaming guides and directions can be of high interest to children.

Daily Conversation Starters

- Tell me about the best part of your day.
- Why do you think (math, ELA, etc.) was hard or easy today?
- Share something new you know today that you didn't yesterday.
- Tell me about your grades in (math, ELA, etc.)
- What can I help you with or study?
- What's coming up in (math, ELA, etc)?

CURRICULAR RESOURCES

- Benchmark Advance
- Step Up to Writing
- iReady Reading
- iReady Math
- enVision
- The PBL Project
- Learning.com
- Discovery Education
- Elevate Science

FOURTH GRADE

English Language Arts

FOUNDATIONAL SKILLS

- Use a variety of strategies to determine what an unfamiliar or unknown word means.
- Self-check understanding when reading text.

READING

Fiction texts:

- Use key details to determine theme.
- Use text details to make inferences, make comparisons and connect ideas.
- Refer to the text when asking or answering questions.
- Explore differences between poems, plays, & stories.
- Determine meaning of key words & phrases.
- Compare how similar ideas & themes are presented in texts from different cultures.

Non-fiction texts:

- Determine how structure and presentation help organize ideas and details in text.
- Determine central idea of text and how key details contribute.
- Locate text evidence to support answers and opinions.
- Make connections between series of historical events, scientific ideas or steps in technical procedures.
- Find the meaning of key vocabulary words.
- Use various text features (e.g glossary) to locate key information.

WRITING

- Write opinion & explanatory pieces (supporting ideas, linking words, conclusion).
- Write narratives (events, details, dialogue, etc).
- Revise writing based on feedback.
- Conduct short research projects covering different aspects of a topic.
- Gather information to answer questions.
- Produce writing organized for specific task, audience and purpose.
- Use 4th grade grammar, capitalization, punctuation and spelling.
- Construct proper paragraph.
- Determine word meaning using root words (Greek, Latin), prefixes, suffixes, text clues and dictionaries.

Mathematics

- Add and subtract multi-digit numbers.
- Understand place value through 1,000,000.
- Multiply and divide multi-digit number.
- Add and subtract fractions with like denominators, multiply by them by whole numbers, and learn about equivalent fractions.

Science

Students expand on the idea that energy from the Sun interacts with Earth systems and explore other forms of energy we use in every day life. Students apply their understanding of the various Earth systems (geosphere, hydrosphere, atmosphere, biosphere) and how they interact with each other and heat from the Sun. Students understand how geological systems change and shape the planet and provide resources. Students also develop an understanding of how Earth processes and human interactions positively and negatively that can change environments impacting the ability for organisms to live.

Social Studies

Study the Americas:

- Theories of first peopling of the Americas.
- The development of Mesoamerican and South American civilizations.
- American Indian life in the Americas prior to European exploration the peoples in the Southwest, Pacific Northwest, nomadic nations of the Great Plains, and the woodland peoples east of the Mississippi River.
- Causes and consequences of European exploration and colonization.
- Environmental, political, and cultural consequences of the interactions among European, African, and American Indian peoples in the late 15th-17th centuries.
- Regional settlement patterns, significant developments, and life in the Southern, Middle, and New England colonies.
- Roles and responsibilities as members of a society.

Technology

- Learn safekeeping of personal information and communicating online.
- Practice keyboard at 10 WPM & 80% accuracy.
- Learn online information basics.
- Master creating and organizing information.
- Gain proficiency in proofreading and editing word processing.
- Begin learning about databases and presentation software.
- Learn modeling in coding basics.

Music

Identify and apply to performance:

- Pitches on the staff by location & note name.
- Rhythmic durations: whole note, dotted half note, half note, quarter note, eighth note pair and corresponding rests.
- Musical symbols: treble clef, measure, double bar line, repeat sign, triple and duple meter, piano, forte.
- Visual intervals: repeat, step and skip.
- Form: AB and ABA.
- Aural perception: unison, harmony, major, minor.
- Melodic direction: moves up, moves down, stays the same.
- Instrument families: woodwind, brass, percussion, strings.
- Solfège.

Visual Arts

Identify art in the world around them. Identify the following elements of art in artwork and in life, and create artwork using the following elements of art:

- Color Schemes: Primary (red, yellow, blue) and secondary (orange, green, violet), Warm (red, yellow, orange) and Cool (blue, green, violet).
- Tint: If I add white to a color, it will become lighter.
- Shade: If I add black to a color, it will become darker.
- Shape: 3D forms (sphere, cube, cylinder, pyramid, cone).
- Space: Positive space and negative space.
- Balance: Symmetric, asymmetric, radial.

Physical Education

Fourth graders will work on the following:

- Cardiovascular Endurance: Run a mile in 13 minutes.
- Muscular Strength & Endurance: Complete 20 push-ups & 30 curl-ups.
- Flexibility: Bend over & touch their toes with straight legs or sit down and touch their toes with straight legs.

FIFTH GRADE

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

Welcome to Fifth Grade!

Fifth grade is a year of developing a greater degree of independence. Students are acquiring advanced problem solving and decision making strategies. They have increased their listening and responding skills. Flexible thinking becomes a driving force. Students reading grade level text, nonfiction and fiction, is essential for them, just has it has been in previous years. Cross-curricular integration in social studies and science occurs as students learn their social studies and science concepts using English language arts as a vehicle to obtain, process, and understand. Evidence, directly from the text, is amplified in this grade level as students will use direct quotes to explain and justify responses. Social studies focuses on the American Revolution to Industrialism and science examines matter, genetics, and our earth. This is the year students join band, sing in choir, and pursue visual art. It's the beginning of the transition phase from elementary into middle school.

Support at Home

- Talking with and listening to your child every day about what is happening in school and their lives is a powerful way to support their learning.
- Have them use the vocabulary they are learning in school.
- Encourage reading in any and all ways. Magazines, informational books, sports manuals, novels, and comics are just a few types of reading materials fifth graders may enjoy.
- Draw connections to what they are learning in school to their extracurricular activities.
- Ask them to share their thinking and continue to 'think out loud' to model decision making and processing.

Daily Conversation Starters

- Tell me about the best part of your day.
- Why do you think (math, ELA, etc.) was hard or easy today?
- Share something new you know today that you didn't yesterday.
- Tell me about your grades in (math, ELA, etc.)
- What can I help you with or study?
- What's coming up in (math, ELA, etc)?

CURRICULAR RESOURCES

- Step Up to Writing
- iReady Reading
- iReady Math
- enVision
- The PBL Project
- Learning.com
- Discovery Education
- Elevate Science

FIFTH GRADE

English Language Arts

FOUNDATIONAL SKILLS

- Use a variety of strategies to determine what an unfamiliar or unknown word means.
- Self-check understanding when reading text.

READING

Fiction texts:

- Determine themes in literary texts.
- Analyze elements of literature, including an author's use of figurative language.
- Quote accurately by referring to the text.
- Compare and contrast different texts.
- Analyze the way a text is structured.

Non-fiction texts:

- Read text from a variety of context areas.
- Determine meaning from reading informational texts.
- Quote text accurately by referring to the text.
- Summarize informational text accurately.
- Integrate information gained from a variety of texts to determine different points of view.

WRITING & LANGUAGE

- Write opinion and explanatory pieces.
- Write narratives.
- Revise writing based on feedback.
- Conduct short research projects to build knowledge.
- Plan, draft, revise and edit to produce writing.
- Utilize keyboarding skills to complete writing tasks.
- Use 5th grade grammar, capitalization, punctuation, and spelling.
- Construct proper paragraph.
- Determine word meaning using root words (Greek, Latin), prefixes, suffixes, text clues and dictionaries.
- Understand and use idioms and figurative language.

Mathematics

- Identify x and y axis on a coordinate plane, graph and label points when given an ordered pair.
- Solve numerical expressions with parentheses and brackets.
- Place grouping symbols in equations to make the equation true.
- Write simple expressions without evaluating them by interpreting what was written.
- Add, subtract, multiply and divide decimals and fractions with unlike denominators.
- Divide a unit fraction by a whole number using visual models.

Science

Students apply their understanding of scale at macro (time and space) and micro (particles of matter) levels to understand patterns and scale across life, earth and space and physical sciences. Students will develop an understanding of forces, conservation of matter, and that genetic information can be passed down from parent to offspring.

Social Studies

- Understand the American Revolution to Industrialism (1763 to 1900s).
- Economic, political, and geographic elements.
- Creation of the Constitution and the principles within the document including historical and philosophical influences, influence of state constitutions, Articles of Confederation, compromises and ratification debates at the Constitutional Convention, Bill of Rights, limited government, popular sovereignty, federalism, rule of law, checks and balances and separation of powers.
- Development & structure of the national government.
- Influence of immigration including push/pull factors, industrialization, urbanization, diversification of the population, and debates over immigration.
- Contributions of various cultural and ethnic groups to the changing social and political structure of the United States.
- Citizen roles and responsibilities.

Technology

- Practice online safety with safe texting and email.
- Practice keyboard at 15 WPM and 80% accuracy.
- Learn online information basics.
- Master internet usage, browsing, searches, validity, and sources of websites and urls.
- Use formulas in spreadsheets.
- Master the creation of presentation slides.
- Learn about databases and presentation software.
- Learn modeling in coding basics.

Music

- Sing/play repertoire from a variety of cultures and genres.
- Respond to conducting cues.
- Demonstrate proper performance etiquette.
- Identify, count and play the following rhythmic durations: whole note, half note, quarter note, eighth note pair and corresponding rests.
- Identify and apply to performance the following symbols: treble clef, bar line, measure, double bar line, repeat sign, 4/4/, 3/4, 2/4 time signatures, first and second ending, ledger lines.

Choral:

- Identify and sing in my head voice and chest voice.
- Sing in harmony.
- Use solfege to support ear training.
- Identify and apply to performance the musical vocabulary: tempo, breath control, support, posture, diction, pitch, unison, score.

Instrumental:

- Assemble, clean maintain and identify parts of my instrument.
- Produce a characteristic sound on my mouthpiece and my instrument.
- Play the first 8 pitches presented in the beginning method book.
- Identify and apply to performance the musical vocabulary: Tempo, solo, soli, tutti, duet, divisi, pick up note, articulation, embouchure, key signature.

Percussion:

- Identify and apply to performance the following rudiments: Paradiddle, flam, flam tap, bounce strokes.

Visual Arts

Explore the impact of art in the world around them.
Identify the following elements of art in artwork and in life, and create artwork using the following elements of art and principals of design:

- Color Schemes: primary, secondary, tertiary, neutral, analogous, complementary, warm, cool, tints and shades.
- Value: the lightness or darkness of a color or object.
- Space: size, placement, overlapping, proportion.
- Balance: symmetric, asymmetric, radial.

Physical Education

Fifth graders will work on the following:

- Cardiovascular Endurance: Run a mile in 12 minutes.
- Muscular Strength and Endurance: Complete 25 push-ups and 35 curl-ups.
- Flexibility: Bend over and touch their toes with straight legs or sit down and touch their toes with straight legs.

SIXTH GRADE

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

Welcome to Sixth Grade!

Sixth grade is the year when students most likely start traveling between classes. It's the tail end of the transition from elementary to middle school. The day typically begins in homeroom, checking in for the day before they head out to core academic and special area classes. Sixth grade helps students gain greater degrees of independence, responsibility, and self-management.

The journey of sixth grade includes increasingly complex text, both fiction and nonfiction. This is a year of integrating evidence to support thinking, using technology across content areas for researching and presenting, and working with peers to deepen understanding and strengthen writing. In math, the focus is on developing competency and understanding with whole numbers and fractions, ratios, expressing, equations and inequalities. Social studies will focus on the Eastern Hemisphere and science is all about the cycling of matter, energy flow, and scale.

Support at Home

- Talking with and listening to your child every day about what is happening in school and their lives is a powerful way to support their learning.
- Sixth grade is an exciting year for students to dialogue and discuss their school life with those in their home life.
- Draw connections to what they are learning in school to their extracurricular activities.
- Ask them to share their thinking and continue to 'think out loud' to model decision making and processing.
- Your child may need help organizing and establishing a system to stay current with school, extracurricular, and home life expectations.

Daily Conversation Starters

- Tell me about the best part of your day.
- Do you think (math, ELA, etc.) was hard or easy today?
- Share something new you know today that you didn't yesterday.
- What is challenging you right now?
- Tell me about your grades in (math, ELA, etc.)
- What can I help you with or study?
- What's coming up in (math, ELA, etc)?

CURRICULAR RESOURCES

- MyPerspectives
- Step Up to Writing
- iReady Reading
- iReady Math
- enVision
- The PBL Project
- Learning.com
- Discovery Education
- Elevate Science

SIXTH GRADE

English Language Arts

READING

Cite textual evidence to support analysis and inferences.
Write summaries of text distinct from personal opinions and judgments.

Fiction texts:

- Analyze elements of literature, including an author's use of figurative language and how a specific part of a text contributes to structure.
- Compare and contrast how texts from different genres address similar themes or topics.
- Analyze characters, setting, plot, and theme.

Non-fiction texts:

- Integrate information from a variety of texts to determine different points of view. different points of view.
- Analyze how details build the central idea and purpose of a text.
- Determine ideas supported and not by evidence.
- Make accurate inferences based on cited evidence found in a text.

WRITING & LANGUAGE

- Write argumentative & explanatory pieces with evidence to support ideas, linking words, precise vocabulary, and a conclusion and maintain formal style.
- Write narratives.
- Revise writing based on feedback.
- Conduct short research projects through investigation.
- Plan, draft, revise and edit to produce writing.
- Use keyboarding skills to complete a writing task.
- Use 6th grade grammar, capitalization, punctuation, and spelling.
- Construct a proper paragraph.
- Determine word meaning using Greek & Latin, root words prefixes, suffixes, text clues, & dictionaries.
- Determine nuances of word meaning using figurative language and word relationships.

Mathematics

- Find areas of polygons with whole numbers, decimals and fractions.
- Find volume of a rectangular prism with fractional edges.
- Use a geometric net to calculate surface area of rectangular prisms, triangular prisms, square pyramids, and tetrahedrons.
- Add, subtract, multiply and divide whole numbers, decimals and fractions.
- Understand ratios.
- Write and solve one-step equations with one variable.

Science

By the end of sixth grade, students apply their understanding of how matter and energy relate to atoms, the solar system and ecosystems. Students will develop an understanding of the nature of matter and the role of energy transformation. Students will also deepen their understanding of scales, patterns and properties of matter, the solar system and ecosystems.

Social Studies

View content through historical and geographic lenses.
Sixth grade students will understand the cultural, religious, economic, and political systems of selected societies in the Eastern Hemisphere. Regions in the Eastern Hemisphere include the Middle East and North Africa, sub-Saharan Africa, Europe, Asia (east, south, and southeast), and Oceania. A course on world regions and cultures can be approached from many angles and perspectives.

Technology

- Learn to be good digital citizens.
- Practice keyboard at 20 WPM & 80% accuracy.
- Use program menus and toolbars while demonstrating understanding of online ethics and effective search strategies.
- Use algorithmic problem solving.
- Build a program using coding skills.
- Analyze data using spreadsheets.
- Understand how to avoid plagiarism in word processing.

Music

- Sing/play repertoire from a variety of cultures and genres.
- Respond to conducting cues.
- Demonstrate proper performance etiquette.
- Evaluate my own performance and the performance of others using musical vocabulary.
- Identify, count and perform a variety of rhythms as encountered in repertoire.

Choral:

- Use solfege to support ear training.
- Identify and sing in my head voice and chest voice.
- Sing in harmony.
- Visually identify steps and skips and sight-read notes by steps in sheet music.
- Identify and apply to performance the musical vocabulary: crescendo, decrescendo, diminuendo, accelerando, ritardando, a tempo, diaphrahm, articulation, accent, staccato.

Instrumental:

- Identify and apply to performance the musical vocabulary: divisi, pick-up note, scale, arpeggio, legato, staccato, balance, "tempo markings".
- Perform fluently in the following key signatures:
  Winds: Bb Major, Eb Major, F Major.
  Strings: D Major, C Major.
- Percussion: Identify and apply to performance the following rudiments: Single stroke roll, multiple bounce stroke, 5 stroke roll, 9 stroke roll flam accent.

Visual Arts

Explore the impact of art in the world around them. Identify the following elements of art in artwork and life, and create artwork using them.

- Color Schemes: primary, secondary, tertiary, neutral, analogous, complementary, warm, cool, tints and shades.
- Value: the lightness or darkness of a color or object.
- Space: size, placement, overlapping, proportion.
- Balance: symmetric, asymmetric, radial.

Physical Education

Sixth graders will work on the following:

- Cardiovascular Endurance: Run a mile in 11 minutes.
- Muscular strength and endurance: Complete 30 push-ups and 40 curl-ups.
- Flexibility: Bend over & touch their toes with straight legs or sit down and touch their toes with straight legs.

SEVENTH GRADE

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

Welcome to Seventh Grade!

Seventh grade officially means middle school is in action. Students have had experience moving between classes, managing their responsibilities, and have begun to develop independence. They are able to expand and deepen the skills they started to cultivate in sixth grade without the added intricacies that come with learning to be a middle school student.

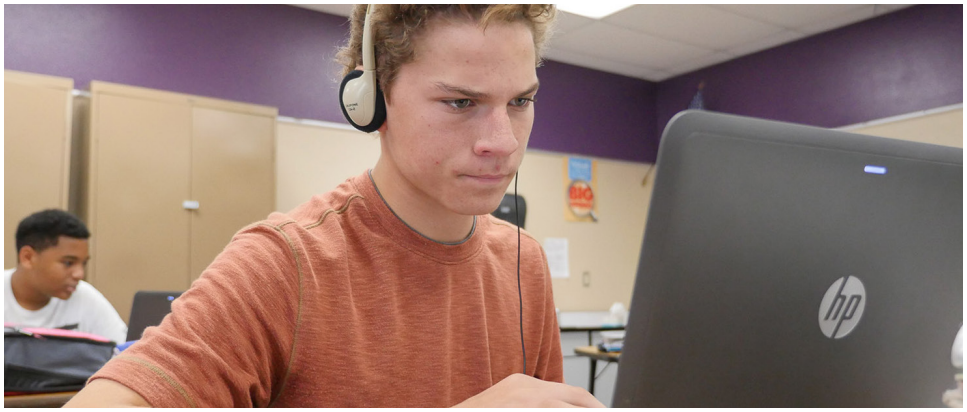
Reading and writing become more complex. The texts students read are analyzed to great degree, and inferences and summaries are supported with direct evidence. Comparing is a driving factor as students compare and contrast different perspectives, points of view, historical accounts, multiple versions of the same piece or topic. Like sixth grade, students write more complex responses and stories. Technology is used to support research and development in all content areas. Math is all about probability, integers, proportional relationships, and manipulating expressions, equations, and inequalities fluently. Students learn the histories of Western Hemisphere and the Eastern Hemisphere in social studies. Science is all about forces and motions, energy transfer, and cells.

Support at Home

- Talking with and listening to your child every day about what is happening in school and their lives is a powerful way to support their learning.
- This is an exciting time for students to dialogue and discuss their school life with those in their home life.
- Draw connections to what they are learning in school to their extracurricular activities.
- Ask them to share their thinking and continue to 'think out loud' to model decision making and processing.
- Students in junior high have a greater level of independence but still need guidance with organizing ways to stay current with school, extracurricular, and home life expectations.

Daily Conversation Starters

- Tell me about the best part of your day.
- Do you think (math, ELA, etc.) was hard or easy today?
- Share something new you know today that you didn't yesterday.
- What is challenging you right now?
- Tell me about your grades in (math, ELA, etc.)
- What can I help you with or study?
- What is coming up in school?



CURRICULAR RESOURCES

- MyPerspectives
- Step Up to Writing
- iReady Reading
- iReady Math
- enVision
- The PBL Project
- Discovery Education
- Elevate Science

SEVENTH GRADE

English Language Arts

READING

Cite textual evidence to support analysis and inferences and write objective summaries.

Fiction texts:

- Analyze how key details build the central idea or theme of a text.
- Compare/contrast how texts from different genres address similar themes/topics.
- Analyze interaction of literary elements to consider their impact on one another.
- Determine central idea/ theme of a text.
- Analyze intentional author choice by comparing and contrasting characters, points of view, structures, and mediums.
- Compare/contrast a written form of text to an audio, visual, or staged version of the text.
- Determine and analyze the impact of specific word choices on meaning and tone.

Non-fiction texts:

- Analyze interaction between/among individuals, events, and ideas.
- Analyze claims by evaluating the supporting reasoning and evidence presented in a text.
- Analyze and evaluate how different authors present the same subject/topic through varying mediums .

WRITING & LANGUAGE

- Develop and produce writing (argumentative, informational, narrative) for a variety of tasks, purposes, and audience.
- Develop arguments supported with reasoning and evidence (credible print and digital).
- Begin to acknowledge opposing viewpoints.
- Plan, draft, revise, and edit writing tasks.
- Use 7th grade grammar, capitalization, punctuation, and spelling.
- Use a variety of sentence structures to signal differing relationships among ideas.
- Apply strategies to determine word, phrase, and figurative language meaning.

Mathematics

- Develop understanding and use proportional relationships to solve real-world problems.
- Add, subtract, multiply and divide rational numbers including integers, whole numbers, decimals, and fractions.
- Solve mathematical problems using numerical and algebraic expressions, equations and inequalities in real-world context.

Science

Students will explore how forces cause changes in motion and how energy is transferred in geologic, atmospheric, and environmental processes. Students investigate force and motion in a wide variety of systems, model how heat energy drives cycles in weather and climate and explain the structure and function of cells.

Social Studies

- Focus with historical and geographic lenses.
- Seventh grade students will understand the relationships and interactions between societies and cultures in both the Eastern and Western Hemispheres.
- United States history will be taught as it intersects with global issues.

Technology

- Learn to manage file structures and all about networks.
- Practice keyboard at 20 WPM & 80% accuracy.
- Explore podcast technology.
- Continue practicing effective search strategies.
- Practice technical writing and use collaborative tools in word processing, as well as design nonlinear presentations while exploring functions, sharing and filtering in spreadsheets.

Music

Choral:

- Sing repertoire from a variety of cultures and genres.
- Evaluate performance of self and others using musical vocabulary.
- Visually identify steps and skips, and sightread notes by steps and skips in sheet music.
- Identify and apply to performance musical vocabulary.
- Use solfège to support ear training.
- Identify, count, and play rhythmic durations: whole note, half note, dotted quarter note, quarter note, eighth note pair, single eighth note, single sixteenth note, syncopated rhythms and corresponding rests.
- Identify and apply the symbols: treble clef, bass clef, bar line, measure, double bar line, repeat sign, 4/4, 3/4 , 2/4 time signatures, tie, first and second ending, ledger lines.

Instrumental:

- Understand the connection between music and other disciplines and events.
- Evaluate an ensemble and provide feedback.
- Choose repertoire based on the selected elements of music.
- Perform fluently (signatures): Winds- Ab Major, C Major, Chromatic (Scale only); Strings: C Major).
- Identify, count, and play the following rhythmic durations: Four sixteenth notes, two-sixteenth eighth combination, eighth two-sixteenth combinations, dotted eighth-sixteenth combination, syncopated rhythms, eighth note triplets.
- Identify and apply musical vocabulary to performance.
- Percussion: Identify and apply to performance the following rudiments: Seventeen stroke.

Visual Arts

Explore the impact of art in the world around them. Identify the following elements of art in artwork and life, and create artwork using them.

- Color Schemes: primary, secondary, tertiary, neutral, analogous, complementary, warm, cool, tints and shades.
- Value: highlights and Shadows created by blending, hatching, stippling, and crosshatching.
- Space: depth, size, placement, overlapping, proportion, and perspective.
- Types of Art: abstract, realism, nonobjective, portrait, landscape and still-life.

Physical Education

Seventh graders will work on the following:

- Cardiovascular Endurance: Run a mile in 11 minutes.
- Muscular Strength and Endurance: Complete 30 push-ups and 40 curl-ups.
- Flexibility: Bend over & touch their toes with straight legs or sit down and touch their toes with straight legs.

EIGHTH GRADE

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

Welcome to Eighth Grade!

Eighth grade is the year that leads to amazing change and growth. Students are starting to turn their eye towards high school and they have confidence in their abilities to navigate middle school. Students continue to explore choir, band, art, and areas of interest in Technology, Life, and Careers. Reading grade level complex text, analyzing and evaluating what is read, will help to strengthen flexible thinking. This builds from the seventh grade focus of compare and contrast. Evidence is essential to support reading and writing as has been from primary grades.

Technology plays a pivotal role throughout the daily life of an eighth grader. Math is all about the Pythagorean Theorem, functions and irrational numbers. Sciences takes learning about cause and effect with stability and change to the next level. Social Studies will guide students in learning American history and what it means to be a citizen. Embrace this year and enjoy all that comes with it.

Support at Home

- Talking with and listening to your child every day about what is happening in school and their lives is a powerful way to support their learning.
- Draw connections to what they are learning in school to their extracurricular activities.
- Ask them to share their thinking and continue to 'think out loud' to model decision making and processing.
- Students in junior high have a greater level of independence but still need guidance with organizing ways to stay current with school, extracurricular, and home life expectations.

Daily Conversation Starters

- Tell me about the best part of your day.
- Do you think (math, ELA, etc.) was hard or easy today?
- Share something new you know today that you didn't yesterday.
- What is challenging you right now?
- Tell me about your grades in (math, ELA, etc.)
- What can I help you with or study?
- What's coming up in (math, ELA, etc.)?

CURRICULAR RESOURCES

- MyPerspectives
- Step Up to Writing
- iReady Reading
- iReady Math
- enVision
- The PBL Project
- Discovery Education
- Elevate Science

EIGHTH GRADE

English Language Arts

READING

Fiction texts:

- Analyze central themes, including the roles of dialogue or incidents in developing the depth of the plot.
- Analyze intentional choices authors make by comparing modern works of literature to traditional pieces, citing evidence.
- Develop vocabulary by determining and analyzing the impact of specific word choice on meaning and tone.

Non-fiction texts:

- Analyze individuals, events, and ideas in informational text.
- Use evidence to support the inferences drawn from the text, and write an effective summary of a variety of texts.
- Analyze claims made in text by evaluating the supporting reasoning and evidence an author uses, and recognize conflicting and irrelevant evidence.
- Evaluate use of varying perspectives and mediums on the portrayal of subjects/topics by different authors.

WRITING & LANGUAGE

- Develop and produce writing (argumentative, informational, narrative) for a variety of tasks, purposes, and audience.
- Develop arguments supported with reasoning and evidence (credible print and digital).
- Begin to acknowledge opposing viewpoints.
- Plan, draft, revise, and edit writing tasks.
- Use 8th grade grammar, capitalization, punctuation, and spelling.
- Apply strategies to determine word, phrase, and figurative language meaning.

Mathematics

- Learn the Pythagorean Theorem and with it, prove if a triangle is a right triangle.
- Calculate the distance on a coordinate plane by creating a right triangle and using the Pythagorean Theorem.
- Construct scatter plots and determine if there is negative, positive, or no correlation to the data given. Draw lines of best fit and write an equation to match. Interpret the meaning of the slope and intercepts of that line in a real-world situation.
- Develop an understanding of irrational numbers and where they might fall on a number line.
- Manipulate and understand linear equations, inequalities, and functions to describe quantitative relationships.

Science

Students will describe how stability, change and the process of cause and effect influence changes in the natural world. Students will apply energy principles to chemical reactions, explore changes within Earth and understand how genetic information is passed down to produce variation among the populations.

Social Studies

- Focus with civic and economic lenses; citizenship and civic engagement will be taught through inquiry.
- Students make connections between historical and current/ contemporary issues as a base for implementing change in society.
- They will recognize and practice their roles and responsibilities as both American and global citizens.
- United States History will focus on the major events that have their roots in the Constitution, Bill of Rights, and subsequent amendments.

Technology

- Learn to manage file structures and networks.
- Practice keyboard at 30 WPM and 80% accuracy.
- Explore podcast technology.
- Continue practicing effective search strategies.
- Practice technical writing and use collaborative tools in word processing, as well as design nonlinear presentations while exploring functions, sharing and filtering in spreadsheets.

Music

Choral:

- Sing repertoire from a variety of cultures and genres.
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- Visually identify steps and skips, and sightread notes by steps and skips in sheet music. Identify and apply to performance musical vocabulary.
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- Identify and apply the symbols: treble clef, bass clef, bar line, measure, double bar line, repeat sign, 4/4, 3/4 , 2/4 time signatures, tie, first and second ending, ledger lines.

Instrumental:

- Understand the connection between music and other disciplines and events.
- Evaluate an ensemble and provide feedback using appropriate grade level terminology.
- Choose repertoire based on the selected elements of music.
- Perform fluently (signatures): Winds- Ab Major, C Major, Chromatic (Scale only); Strings: C Major).
- Identify, count, and play the following rhythmic durations: Four sixteenth notes, two-sixteenth eighth combination, eighth two-sixteenth combinations, dotted eighth-sixteenth combination, syncopated rhythms, eighth note triplets.
- Identify and apply: marcato accent, legato, cut time, pianissimo, sforzando, fortepiano.
- Identify and apply musical vocabulary to performance.
- Percussion: Identify and apply to performance the following rudiments: Seventeen stroke roll, drag.

Visual Arts

Explore the impact of art in the world around them.
Identify the following elements of art in artwork & life, & create artwork using them.

- Color Schemes: primary, secondary, tertiary, neutral, analogous, complementary, warm, cool, tints and shades.
- Value: highlights and shadows created by blending, hatching, stippling, and crosshatching.
- Space: depth, size, placement, overlapping, proportion, and perspective.
- Types of Art: abstract, realism, nonobjective, portrait, landscape, and still-life.

Physical Education

Eighth graders will work on the following:

- Cardiovascular Endurance: Run a mile in 10 minutes.
- Muscular Strength and Endurance: Complete 40 push-ups and 50 curl-ups.
- Flexibility: Bend over & touch their toes with straight legs or sit down and touch their toes with straight legs.

ENGLISH LANGUAGE ARTS

PEORIA UNIFIED SCHOOL DISTRICT
ACADEMIC SERVICES

High School English Language Arts

As language arts students advance, they begin to master the standards in reading, writing, speaking and language. In addition, students demonstrate academic independence, build strong content knowledge, respond to the varying demands of audience, task, purpose, and discipline, comprehend different texts and learn to critique.

The goal and purpose of the English Language Arts team is to ensure students become literate individuals that are ready for their post-secondary careers. Our curriculum is aligned to the Arizona State Standards and the district's course guide. Arizona's English Language Arts Standards are created to develop understanding of language arts content across and within grade levels in the purpose of preparing students to be college and career ready. As determined by the Arizona State Board of Education (R7-2-302) and the District Governing Board English language arts includes four high school classes: English I, English II, English III and English IV.

Overview

Evidence-based thinking along with critical thinking skills and collaborative discussions skills are embedded into the standards as tools and strategies to help students gain meaning from challenging texts and tasks.
Standards in high school build in complexity and are organized by 9-10 grade and 11-12 grade by the following strands:

- **Reading Standards for Literature**
- **Reading Standards for Informational Text**
- **Writing Standards**
- **Speaking and Listening Standards**
- **Language Standards**

The Reading for Literature Standards and Reading for Informational Standards may mirror one another with similar concepts covered, but individualized for the differences in each type of text.

English I

This course is centered around the standards and skills of reading a balance of informational and literary texts, as well as writing based on what is being read. Courses increase in complexity and change in literary focus each year.
This course focuses on American History, Civil Rights, the writings of William Shakespeare, and Homer's The Odyssey. Writing instruction will include preparation for college level writing in multiple genres and grammar skills to increase writing capacity. Additional novel studies may be added to the course as time allows.

English II

This course is centered around the standards and skills of reading a balance of informational and literary texts, as well as writing based on what is being read. Courses increase in complexity and change in literary focus each year. This course focuses on the writing of Edgar Allen Poe and other gothic novelists, delves into comprehension of various speeches and other classic literature, and analyzes the deeper work of William Shakespeare. Writing instruction will continue toward college level writing, building upon the skills taught in English I. Additional novel studies may be added to the course as time allows.

English III

This course is centered around the standards and skills of reading a balance of informational and literary texts, as well as writing based on what is being read. Courses increase in complexity and change in literary focus each year. This course will center around American Literature from authors such as Mark Twain and Arthur Miller. Writing instruction will continue toward college level writing, building upon the skills taught in English II. Additional novel studies may be added to the course as time allows.

English IV

This course is centered around the standards and skills of reading a balance of informational and literary texts, as well as writing based on what is being read. Courses increase in complexity and change in literary focus each year. This course hones in on British and World Literature including Beowulf, excerpts from The Canterbury Tales, The Tragedy of Macbeth, and excerpts from Gulliver's Travels. Writing instruction will continue toward college level writing, building upon the skills taught in English III. Additional novel studies may be added to the course as time allows.

Additional Core Course Offerings

		HONORS CREDIT OFFERED	DUAL ENROLLMENT OFFERED	ONLINE COURSE OFFERED
AP LITERATURE & COMPOSITION	Literature-based, critical analysis of text and practice in "writing-on-demand"to improve the clarity and depth of thought. Parallels the university experience through discussion, written critical analysis, independent reading and research. **Meets English III or IV requirement.**	✓	✓	✓
AP LANGUAGE & COMPOSITION	Evaluate language as a tool from the perspective of reader, speaker/listener, and writer. Compose for a variety of purposes, emphasizing relationship between writer's purpose, context, audience expectation, and the argument. **Meets English III or IV requirement.**	✓	✓	
COLLEGE PREP ENGLISH HONORS	Independent reading, writing, and research, paralleling university experience with multi-genre, thematic units and critical thinking skills. **Meets English IV requirement.**	✓	✓	✓

Elective Course Offerings

		REPEATABLE COURSE	ONLINE COURSE OFFERED
JOURNALISM	Study of media with emphasis on the newspaper as a medium. Focus on news, sports, feature and editorial writing, interviewing, page layout and design, advertising, typography, gathering news, headline writing, studying ethical conduct in the journalism realm, meeting deadlines, and vocabulary used in the medium. Computer applications are utilized. Prerequisite for the newspaper and yearbook.		
NEWSPAPER	A laboratory course that publishes student newspapers keeping school and community informed about campus activities. Use and improve skills in all phases of journalistic writing, layout, word processing, and marketing. Opportunities to write for every section of the newspaper and have stories posted in the digital newspaper.	✓	
YEARBOOK	Focuses on the production of a book that documents the activities and people for that school year. Gain experience as writers, editors, photographers, computer technicians, graphic designers, historians, advertisers, and business people while learning to function as a team.	✓	
CREATIVE WRITING	Improve use of multi-sensory imagery, figurative language, and other literary devices in order to forge a personal voice or style in imaginative, personal written expression. Write, revise, and present a variety of original written works. With a focus on working individually and collaboratively to revise and polish original work in preparation for presentation and publication.	✓	✓

RESOURCES

- myPerspectives
- Step Up to Writing
- Just Words
- Read180/System 44

*Class offerings may vary by high school. Please check with your child's school counselor.