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.

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 school?
English Language Arts

**READING**
Cite textual evidence to support analysis and inferences and write objective summaries.
Fiction texts (Literature)
- 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.
Nonfiction texts (Informational)
- 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
With probability:
- Determine the likelihood of an event happening on a scale of 0 to 1.
- Calculate the chance of an event occurring.
- Understand the difference between the theoretical and experimental probability.
- Determine between measures of center (mean, median, and mode) and variability (range and interquartile deviation.)
Add, subtract, multiply, and divide integers, whole numbers, decimals, and fractions.
Understand and use proportional relationships to solve real-world problems.
Manipulate expressions, equations, and inequalities fluently.

Science
Investigate the relationship between forces and the changes in motion, how energy transfer impacts geologic and atmospheric processes, and 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 intersected with global issues.

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 sight-read notes by steps and skips in sheet music.
- Identify and apply to performance musical vocabulary.
- Use solfège (Do, Re, Mi, Fa, So, La, Ti) 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

Physical Education
Fourth 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.

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 cross-hatching.
- Space: Depth, size, placement, overlapping, proportion, and perspective.
- Types of Art: Abstract, realism, non-objective, portrait, landscape, and still-life.

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 non-linear presentations while exploring functions, sharing and filtering in spreadsheets.

ADOPTED CURRICULUM
Arizona State Academic Standards

CURRICULAR RESOURCES
MyPerspectives
Step Up to Writing
iReady Reading
Glencoe Math
ALEKS Math
The PBL Project
Problem Attic
Discovery Education