## LANGUAGE ARTS/ENGLISH

### GRADE 5
- Evidence-based creative writing and quick writes centered on literature coupled with developing writer’s notebook, original poetry, and memoirs in a workshop format in an effort to reinforce grammar and vocabulary.

### GRADE 6
- Five paragraph essay, literary analysis, quick writes, literature circles, vocabulary and grammar mechanics all surrounding one major novel per term coupled with oral presentations based on book talks.

### GRADE 7
- Exploration through reading and grammatically correct writing, the intentional use of all literary devices and author’s style in short stories, poetry and literary works; expansion of critical thinking/inferential questioning through discussion and oral presentation techniques.

### GRADE 8
- Well-articulated, evidence-based and personal writing using novels, plays, graphic novels and published essayists as resources with an emphasis on building the sophistication of argument and expression in both speaking and writing.

## MATH

### GRADE 5
- Singapore Math approach and problem solving through number theory, multiplication, division, decimals, fractions, ratio, percent, algebra, data and probability, basic geometry, and real world connections through math.

### GRADE 6
- Rational numbers, patterns, fractions, decimals, percents, alternative methods of computation, data and statistics, algebraic reasoning and using algebra to solve real problems.

### GRADE 7
- Operations with signed integers, algebraic expressions and equations, ratio and proportion, data and statistics, geometric properties of angles, rates of change, perimeter and area of 2D shapes, surface area and volume of 3D shapes.

### GRADE 8
- Properties of exponents, linear equations, graphing lines, systems of equations, geometric constructions, congruence and similarity, irrational numbers, properties of quadrilaterals, data and statistics.

## SCIENCE

### PHYSICAL AND EARTH SCIENCES

#### GRADE 5
- EV3 Robotics, Astronomy, Force & Motion, STEM Challenges

#### GRADE 6
- Environmental Science: Waves, Energy & Matter, Ecosystems, Weather/Climate

#### GRADE 7
- Global Perspectives: Evolution of life, the environment, and ecosystems

#### GRADE 8
- Introduction to Chemistry and Physics: Concepts of energy and matter, atomic structure, and chemical reactions

## SOCIAL SCIENCES/HISTORY

### WORLD HISTORY AND CULTURES

#### GRADE 5
- Examination of the growth and development of human communities and cultures, with a focus on Egypt, Greece, the Indus River & China

#### GRADE 6
- United States History & Cultures: Exploration of the development and evolution of the United States, with an eye to the impact of the past on 21st century America

#### GRADE 7
- Global Perspectives: Thematic investigation of both history and the current day with a focus on understanding multiple points of view

#### GRADE 8
- World History 1300-1900: Study of the major civilizations and developments from 1300–1900, with a focus on the emergence of an interconnected world

## WORLD LANGUAGES

### GRADE 5
- Using familiar topics, students learn to express themselves and understand the Spanish language. Course includes emphasis on the study of Hispanic Culture

### GRADE 6
- Students expand their ability to communicate and understand the Spanish language while gaining a deeper understanding of their own culture through the study of Hispanic Culture

### GRADE 7
- Students start a two year sequence in the study of French, Latin, Mandarin or Spanish. Emphasis on building confidence with the language, basic grammar and vocabulary, and study of culture

### GRADE 8
- Students continue the study of language chosen in 7th grade: French, Latin, Mandarin or Spanish

## ARTS

### GRADE 5
- Quarter-year rotation of Instrumental Music, Vocal Music, Drama, and Studio Art

### GRADE 6
- Band, Orchestra, Choir for full year

### GRADE 7
- Drama and Studio Art for one semester

### GRADE 8
- Band, Orchestra, Choir for full year

## PHYSICAL

Fitness and sports based curriculum. See other side for details.

## TECHNOLOGY

### ONE-TO-ONE TABLET PC PROGRAM IN GRADES 5-8
- Interactive wireless projectors & touchscreen LCD displays, Virtual Language Lab, Video & Still Cameras, Audio Books, 3-D Printing and Modeling, Laser Engraver & Cutter, CNC Machines

### CURRICULAR APPLICATIONS:

## SPECIAL PROGRAMS AND EXPERIENCES

### GRADE 5
- Theme for the year - Stepping Up
  - Mini-Camp on campus
  - Challenger Learning Center
  - Adventure Night
  - Digital Fabrication
  - Maker Space
  - 5th Grade 360
  - Monarch Butterflies

### GRADE 6
- Theme for the year - LEAD
  - Family History Projects
  - Passport Day
  - Passion Projects
  - LEAD Projects
  - Laumeier Sculpture Project/Field Trip
  - Hawn State Park Camp Celebration
  - RAM Time
  - TEAMWORK Day

### GRADE 7
- Theme for the year - Embracing Change
  - Team and Community Building
  - LEAD
  - Overnight Camping
  - Ram Impact Summit
  - Community Service
  - Peer 2 Peer Mentoring
  - Spring Social Gathering

### GRADE 8
- Theme for the year - Becoming a Young Adult
  - Community Service/Field Trip
  - Ram Impact Summit
  - Peer 2 Peer Mentoring
  - Spring Celebratory Field Trip
  - Eighth Grade Celebration
  - Spring Dance

## FOR GRADERS 5-8
- Arts Fest, CHADS, ERB testing, Fall Spirit Days, Fall and Spring Concerts, Helping Hands, Homecoming, PreventEd, Puberty Education, Purposeful Parenting, Spring Fling, Sunrise Sessions, Talent Show, Turkey Train

## STUDENT ACTIVITIES 3:15-5:00 p.m.

### MIDDLE SCHOOL 2023-2024
- Open Art Studio
- Athletic Development
- Anime Club
- ASU
- Book Clubs
- Chess Club
- Chinese Calligraphy
- Community Leadership Council
- Dance Club
- Drama Club
- Girls on the Run
- Knitting & Sewing Club
- Lego Robotics Team
- Maker Club
- Math Team
- MICDS Rambassadors
- Playback Theater
- Prism
- SASU
- Science Fair Club
- Spelling Bee Club
- 7th/8th Grade Play

## AFTER SCHOOL

7th and 8th Grades: Basketball, Cheerleading, Cross Country, Field Hockey, Football, Ice Hockey, Lacrosse, Soccer, Squash, Tennis, Track and Field, Volleyball, Water Polo, Wrestling