

MIDDLE SCHOOL

CURRICULUM

- Art & Design
- Character Education
- Dance
- Digital Citizenship
- English Language Arts
- Mathematics
- Music
- Physical Education
- Programming
- Project-Based Learning
- Robotics
- Rocketry
- Lab Sciences
- Social Studies
- S.T.E.A.M.
- Theater
- World Language
- Yearbook & Photography

LITERATURE EXAMPLES

- Stargirl by Jerry Spinelli
- The Bitter Side of Sweet by Tara Sullivan
- The Lottery by Shirley Jackson
- A Midsummer Night's Dream by William Shakespeare
- Refugee by Alan Gratz
- The Diary of a Young Girl by Anne Frank
- The Martian by Andy Weir
- Flipped by Wendelin van Draanen
- Out of the Dust by Karen Hesse
- The Outsiders by S.E. Hinton

CONTENT PROJECT EXAMPLES

Literature Mosaic: Through literature circles, students will use quotes and descriptions from their chosen novels to create illustrations of the theme of their novel. Students will observe how plot, characters, setting, and conflict all come together to create a theme from which the author wants the reader to learn and grow.

Texas Revolution: Students will gain an understanding of how the Texas Revolution shaped Texas history through the study of events that led to the revolution, the roles played by significant individuals, and how the establishment of the Republic of Texas brought civil, political, and religious freedom.

TECHNOLOGY

- 3D Printing
- Adobe Creative Cloud
- Adobe Illustrator
- Adobe Photoshop
- ALEKS (Online Mathematics)
- Canvas (Student Learning Management System)
- Microsoft Office 365
- OpenRocket (Simulator)
- Prezi Presentations
- Tinkercad (3D Modeling & Design)
- VEX IQ Ecosystem

HIGH SCHOOL CREDIT

Students are able to earn high school credits if they qualify for:

- Math (Algebra or Geometry)
- World Language (Spanish or French)

SCHEDULE

Monday - Friday

| Period | Time |
|--------|---------------|
| 1st | 8:15 – 9:00 |
| 2nd | 9:05 – 9:50 |
| 3rd | 9:55 – 10:40 |
| 4th | 10:45 – 11:30 |
| 5th | 11:35 – 12:20 |
| Lunch | 12:20 – 1:00 |
| 6th | 1:05 – 1:50 |
| 7th | 1:55 – 2:40 |
| 8th | 2:45 – 3:30 |

MIDDLE SCHOOL (CONT'D)

STEAM PROJECT EXAMPLES

Tiny House: Students will construct and build a tiny house to meet the requirements of the United States Super STEM competition. Students will learn about the architectural design process, how to design a tiny house (to scale), build it from raw materials, set a budget, learn about the tiny house movement, and study how tiny houses are used to meet housing needs.

Say What?: How we communicate on many levels greatly influences our connections with our community and the world. Students will explore the many ways they communicate whether verbally, nonverbally, symbolically, or digitally. Students will develop a unique language and analyze the technology used to facilitate global communication.

Catch the Fever: Students will explore how communicable diseases emerge and their impact on our society. Students learn how medicine has evolved to prevent the spread of disease, how disease has impacted public health infrastructures, and study the evolution of microorganisms.

FIELD STUDY EXAMPLES: IN-STATE

- Bob Jones Nature Center & Preserve
- Camp Fire First (Multi-Day)
- Escape Room HQ
- Holocaust & Human Rights Museum
- Hawaiian Falls
- iFly Indoor Skydiving
- Lewisville Lake Environmental Learning Area
- National Videogame Museum
- Perot Museum
- Tiny House Village

FIELD STUDY EXAMPLES: OUT-OF-STATE

Yearly Week-Long, Tour-Guided, U.S. Educational Trip

Clariden teachers accompany students on these yearly trips where students get to experience a variety of natural and cultural landmarks and experiences. Participation is optional and parents are welcome to join the adventure. Below are examples of recent years' destinations:

- Florida Everglades & Keys, San Francisco & Monterey (California), Pacific Northwest

COMPETITIONS

- Future Engineers
- The American Rocketry Challenge (TARC)
- United States Super STEM Competition (USSSC)
- VEX IQ Robotics Challenge - 2020 Winner: Excellence Award

ATHLETICS

- Basketball
- Cross Country
- Track & Field
- Volleyball

ATHLETICS & CLUBS

- Drama Club
- Film Club
- Model United Nations
- National Junior Honor Society
- Odyssey of the Mind
- Student Council

GUEST AND EXPERT SPEAKERS

- Various local community members, (international cultures, religions, issues, and careers)