

Grades 6th & 7th

Curriculum

- Art & Design
- Character Education
- Coding
- Dance
- English Language Arts
- Mathematics
- Music
- Physical Education
- Robotics
- Rocketry
- Science
- Social Studies
- STEAM (Science, Technology, Engineering, Art, Math)
- Study Skills / Keyboarding
- Theatre
- Yearbook

Sample Sources: Glencoe Science, Glencoe Math, VEX IQ Robotics, McGraw Hill Networks Texas Social Studies, SOAR, Novel Units, From Research to I-Search, English Essentials

Literature Examples

- Flipped by Wendelin van Draanen
- Maniac Magee by Jerry Spinelli
- Out of the Dust by Karen Hesse
- The Outsiders by S.E. Hinton

STEAM Project Examples

STEAM projects are team driven and combine students from grades 6th, 7th & 8th.

Aviation: Students will explore the science and math behind flight, as well as how flight is used in technology today. From paper airplanes to drones, students will discover every facet and come away with a greater understanding of the advancement of aviation. Students will also gain an understanding of engineering while following specific guidelines to build, present, and launch a working rocket for a panel of experts.

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.

Graphic Novel: Does a picture really speak 1000 words? Students will study how graphic art spans across genres of design and will learn to identify which elements are used most effectively in specific materials to accomplish the purpose and reach the intended target audience.

Technology

- Student Learning Management System (Canvas)
- Microsoft Office 365: Word, Excel, Powerpoint, Outlook
- Google Docs / Slides
- Prezi
- Adobe Photoshop
- Adobe Illustrator
- OpenRocket
- Canva (Graphic Design)
- 3D Printing (Cura & Thingiverse)
- ALEKS
- MAT LAB (Robots Programming)
- VEX IQ

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

Grades 6th & 7th (cont'd)

Content Project Examples

Global Cultures: Students will gain an understanding of global cultures through the study of economic systems, government structures, education, religion, and geographic factors that influences world societies.

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.

Field Study Examples: In-State

- Fort Worth Aviation Museum
- Bob Jones Nature Center & Preserve
- Lewisville Lake Environmental Learning Area
- Holocaust & Human Rights Museum
- Southwest Airlines Training Center
- Camp Fire First (Multi-Day)

Field Study Examples: Out-of-State

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

Travel is usually done in partnership with Grand Classroom (www.grandclassroom.com). Clariden teachers accompany students on these 5-day 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
- Pacific Northwest



Competitions

- The American Rocketry Competition (TARC)
- VEX IQ Challenge (Robotics)
- United States Super STEM Competition (USSSC)
- GeoBee
- Math Counts

Athletics

- Cross Country
- Volleyball
- Basketball
- Track & Field

Clubs

- National Junior Honor Society
- Student Council
- Odyssey of the Mind
- Drama / Theatre
- Film Club

Assessments

- Summative & Formative Classroom Assessment
- Presentations of Learning
- Report Cards: End of Terms (December/May)
- Progress Reports: Mid Term (October/March)
- NWEA Assessments: Fall, Winter, & Spring