



**Celina Junior High School
and
6th Grade Center**

**Celina Independent School District
Course Catalogue
6th, 7th, and 8th Grade
2020-21**

January 2020

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CELINA JUNIOR HIGH SCHOOL/ 6TH GRADE CENTER ACADEMIC INFORMATION

COURSE DESCRIPTIONS - GENERAL INFORMATION

This catalogue is provided to assist parents and students in making course selections and assist in planning academic futures. Students and parents should work together to explore current course offerings with a look towards high school graduation plans and endorsement areas. Course descriptions are arranged by grade level and feature information regarding the course and required and/or recommended pre-requisites. Some courses require teacher approval, summer assignments, and/or supply fees.

ADVANCED/ACCELERATED COURSES

Students choosing to enroll in Advanced or Accelerated courses should expect a rigorous academic curriculum requiring additional demands on time, personal organization, and commitment. Junior High Advanced courses are specifically designed to support and prepare capable students for high school Advanced Placement or Pre-Advanced Placement (AP or Pre-AP) courses.

HIGH SCHOOL ENDORSEMENTS/PATHWAYS OF STUDY

High school students may earn an endorsement or complete certain pathways of study by successfully completing the necessary curriculum to do so. CISD offers endorsements and pathways in Arts and Humanities, Business and Industry, Multi-Disciplinary, Public Services, STEM Math, and STEM Science and STEM CTE. As a junior high student, it is important to select courses that are within your interest area and that will help prepare you for the endorsements or pathways you choose to pursue in high school and in the future. Please see the high school course guide if you are interested in learning more about endorsements or pathways of study.

(www.celinaisd.com Parents>Documents&Forms)

NOTE ABOUT JR HIGH ELECTIVES

While in grades 6-8, Texas students are required to earn at least four (4) semesters of Physical Education and at least one (1) year of Fine Art. Fine Art consists of courses in Art, Band, Choir, Dance, or Theatre.

OPPORTUNITIES TO EARN HIGH SCHOOL CREDIT WHILE IN JUNIOR HIGH

There are several opportunities for students to earn high school credit while in Junior High School. Students must meet all requirements and pre-requisite criteria to be eligible to enroll in these courses. Students should expect a more rigorous course of study, additional demands on time, and a strong commitment to the class. Upon successful completion, students will earn one (1) high school credit towards graduation for each course completed. (GPA points are not awarded at the Junior High level.)

The following courses are currently offered for High School credit:

Algebra 1	CTE Courses:	Fund'l of Computer Science
Art 1		Princ of Arts& AV Technology
Theater Production 1		Gateway to Technology:
Spanish 1		Automation & Robotics/ Design & Modeling

GRADE CONVERSION TABLES

For students transferring in from Accredited Public or Private school systems that use letter grades:

<u>Submitted Grade</u>	<u>Numerical Equivalent</u>
A	95
B	85
C	75
D (if passing)	70
F	55

For students transferring in from Accredited Public or Private school systems that use Pass or Fail grades:

<u>Submitted Grade</u>	<u>Numerical Equivalent</u>
P	95
F	55

For students transferring in from Accredited Public or Private school systems that use letter grades with + (pluses) and - (minuses):

<u>Submitted Grade</u>	<u>Numerical Equivalent</u>
A+	98
A	95
A-	92
B+	88
B	85
B-	82
C+	79
C	77
C-	75
D+ (if passing)	72
D (if passing)	71
D- (if passing)	70
F	55

SCHEDULING AND COURSE SELECTIONS

Our district will continue to phase in changes in course selections so that we are able to provide the best educational opportunities for our students. Each Spring, students will receive a course selection sheet. This sheet will include information that will assist students and parents in setting academic goals, selecting desired courses, and providing alternate choices if the first choice is not available. Course selections should be based on student interests and abilities, and desired college or career plans. Course selection sheets are expected to be signed by both parent and student and returned on or before the day they are due. If course selection sheets are not signed and returned by the due date, a schedule will be created for your student so that we may complete the scheduling process for the coming year.

Celina ISD does not discriminate on the basis of sex, handicap, race, color, and/or national origins in its education programs. Admission into career programs is based on age, grade, interest, aptitude, and ability. Lack of English language will not be a barrier to admissions and participation in any educational programs.

Celina High School - Foundation High School Program Summaries As of 2020-21

These high school graduation plan summaries are provided to students to use while choosing courses in Junior High that will help you meet your graduation plans/goals.

*Foundation + Endorsement
+ Distinguished
= 26 credits

(This is the default plan for all Celina ISD students)

4 credits English
Eng 1, 2, 3, and 1 other English

4 credits Math
Alg 1, Geom, Alg 2, 1 other Math

4 credits Science
Bio, Chem, Phys, 1 other Science

4 credits Social Studies
Wld Geo or AP Human Geo, Wld Hist, US Hist, and Gov/Econ

2 credits Foreign Language or Comp Sci

1 credit Physical Education

1 credit Fine Art

6 credits Electives

Complete at least 1 Endorsement:
At least 4 of the 26 credits must be in a coherent sequence and specific to an endorsement area.

****Automatic Admission***
Students wishing to apply for automatic admission to colleges or universities must be in the top 10% of their class and must complete this plan to earn a Distinguished Level of Achievement.

Foundation + Endorsement
= 26 credits

4 credits English
Eng 1, 2, 3, and 1 other English

4 credits Math
Alg1, Geom, and 2 other Maths

4 credits Science
Bio, Chem, and 2 other Sciences

4 credits Social Studies
Wld Geo or AP Human Geo, Wld Hist, US Hist, and Gov/Econ

2 credits Foreign Language or Comp Sci

1 credit Physical Education

1 credit Fine Art

6 credits Electives

Complete at least 1 Endorsement:
At least 4 of the 26 credits must be in a coherent sequence and specific to an endorsement area.

Must meet committee criteria to earn this grad plan.

Foundation Plan
= 22 credits

4 credits English
Eng 1, 2, 3, and 1 other English

3 credits Math
Alg 1, Geom and 1 other Math

3 credits Science
Bio and 2 other Sciences

3 credits Social Studies
Wld Geo or Wld Hist, US History, and Gov/Econ.

2 credits Foreign Language or Comp Sci

1 credit Physical Education

1 credit Fine Art

5 credits Electives

Must meet committee criteria after Sophomore year to earn this grad plan.

Endorsements/Pathways:

Arts & Humanities
Business & Industry
Multi-Disciplinary
Public Services
STEM

End of Course Assessments
Required for Graduation

English 1
English 2
Algebra 1
Biology
US History

6th GRADE COURSES

GRADE 6 REQUIRED COURSES

English Language Arts & Reading
Math
Science
Social Studies
PE or Pre-Athletics
Technology

GRADE 6 ELECTIVE COURSES (full year offerings)

Art
Band
Choir
Theater Arts
Tech Aps: Robotics & Coding

REQUIRED COURSES FOR GRADE 6

English Language Arts and Reading 6

Grade 6 students will have a choice of English Language Arts and Reading 6 (ELA 6, READ 6), or Advanced English Language Arts and Reading 6 (ELA ADV 6, READ ADV 6).

ENGLISH LANGUAGE ARTS 6/READING 6:

Reading and Language Arts courses are designed to enhance each student's ability to listen critically, to comprehend and analyze various types of reading, as well as to communicate effectively orally and in writing. Students will engage in activities that build on prior knowledge and skills in order to strengthen their reading, writing, and oral language skills. Students will also apply concepts learned in class in a practical manner, connecting content with real-world situations.

ENGLISH LANGUAGE ARTS ADV 6/READING ADV 6:

In addition to the expectations of a standard Language Arts and Reading courses, advanced students should expect a more challenging approach to the concepts addressed in the areas of reading, writing, speaking, and listening. The material is presented and analyzed at a deeper level, while writing and oral expression is developed in such a manner that students can approach difficult and thought-provoking topics with confidence. Advanced students should be prepared to commit the time and effort required to excel in a course that requires them not only to remember, understand, and apply the information discussed in class, but to analyze and evaluate that information, ultimately creating a product that conveys their own insights and ideas.

Math 6

Grade 6 students will choose either Math 6, Advanced Math 6, or Accelerated Math 6.

MATH 6:

This course provides students with experiences necessary to become mathematically literate for the 21st Century. Focal points in mathematics at Grade 6 are using ratios to describe proportional relationships, geometry, measurement, probability, and adding/subtracting decimals and fractions. Problem-solving strategies, communication, connections within and outside mathematics, and reasoning are emphasized. Students use these processes together with technology and other mathematical tools to develop conceptual understandings and solve problems. According to TEA, sixth grade is the beginning of secondary mathematics. The shift from concrete to abstract analysis becomes more realized.

ADVANCED MATH 6:

This course covers 6th and intro to 7th Grade Math Curriculum. This course is designed to prepare students for entry into Pre-AP courses at the high school level. The Sixth and Seventh grade Texas Essential Knowledge and Skills are compacted to prepare the students for Pre-AP math in seventh grade. Critical thinking and creative problem-solving skills are incorporated throughout this course. Students must possess advanced mathematical abilities. Successful advance students are self-motivated, well organized, and have a sincere interest in mathematics.

ACCELERATED MATH 6:

This course is a double block class and will cover the 6th and 7th Grade Math Curriculum. This course is designed to engage gifted learners in the major concepts of number sense, problem-solving, and mathematical analysis. Students will develop mathematical thinking and reasoning skills while learning new concepts and skills in the context of solving problems. The curriculum has been developed to encourage students to develop alternative and creative solutions to problems and produce advanced level products and performances. This will prepare students for a double block class in 7th grade that will cover 8th Math and Algebra I.

Science 6

SCIENCE:

The students will develop knowledge and understanding of the four basic areas of scientific study: inquiry, physical, Earth and life sciences. Using the scientific method, they become familiar with the process that scientists use to answer questions and solve problems. The combination of lecture and hands-on experience contribute to stirring their curiosity, expanding their horizons, and cultivating learning outside the classroom.

This study includes planning and implementing field and laboratory investigations using scientific methods and lab equipment, analyzing information, making informed decisions, and presenting discovery in graphical forms, as well as drawing conclusions based on results. This course covers the physical and chemical properties of matter, energy conservation and use, forces and motion, simple machines, Earth materials, solar system exploration and taxonomy of living things.

Social Studies 6

SOCIAL STUDIES:

Designed as a study of people and places in the contemporary world. This course focuses on geography and cultures as they exist today. The strands of history, geography, economics, government, citizenship, culture, science & technology, and social studies skills are integrated into the curriculum. Instruction is delivered through a variety of methods including reading primary and secondary sources, visual materials, audio-visual selections, and use of technology, which will encourage students to use the knowledge and skills they will develop in class.

Physical Education

All Grade 6 students are required to participate in Physical Education. Students will meet this requirement by choosing **either PE or Pre-Athletics.**

PE (Year):

This activity course is geared to fitness and healthy lifestyles. Students are expected to participate in general fitness activities designed to promote healthy living habits.

Students will not be required to dress out but will be expected to have tennis shoes every day.

PRE-ATHLETICS (Year):

Open to any 6th-grade students interested in participating in an athletic team sport in the 7th grade. Every aspect of our athletic program will be introduced in a beginner's fashion. Students who take this course will already know how to meet athletic demands when they begin their 7th-grade competition classes as allowed by the UIL. Students selecting this course will be required to dress out every day and should anticipate daily workouts during the class period that are significantly more physically and mentally demanding than what they may experience in a regular PE class.

ELECTIVE COURSES FOR GRADE 6

Students in Grade 6 will choose one (1) full year elective course.

Courses listed are subject to availability and dependent upon numbers of students and faculty. No offerings are guaranteed, but every effort will be made to make each course available to every interested student.

ART:

The course is designed as an introductory experience to making visual art that requires creativity, craftsmanship, inventiveness, self-motivation, and some skill. Contemporary and master artists are used to inspire students to use their problem-solving skills to create successful works of art. The coursework has specific guidelines and objectives, but remain open-ended enough to allow for individuality and imagination. Student projects may include but are not limited to: drawing in a variety of media, origami, printmaking, paper toy sculpture, plaster sculpture, painting, mixed media, collage, and metal tooling.

BEGINNER BAND:

Designed as a performance-based course, students learn fundamental instrumental techniques and music reading skills on brass, woodwind or percussion instruments. Through learning music, students are provided opportunities to (1) perform in large and small group ensembles; (2) interact with other students and develop teamwork

skills; (3) develop and increase personal and academic discipline, and (4) develop a positive self-image. Instrument rental is required; students will receive a list of supplies and book needed. Before or after school rehearsal will be expected at various times during the school year. This course includes an activity fee.

BOYS/GIRLS CHOIR:

The course is designed as a performance-based course in which students learn vocal technique, music reading skills, and choral literature. Choir offers students the opportunity to (1) grow as musicians through the development of their singing voices; (2) participate in concerts as members of large and small ensembles; (3) grow leadership and teamwork skills through interaction with others, and (4) develop and increase discipline and self-image.

THEATER ARTS:

This course is designed to complement each student's education by introducing him or her to the world of Theatre Arts. Students will learn the introductory elements of drama including working effectively in a group, improving their self-esteem and enhancing communication skills. This course will also provide a learning experience for which student actors will explore imagination through pantomime, puppets, improvisation, storytelling, and scene performances.

TECH APS: ROBOTICS & CODING:

Through the study of technology applications, students make informed decisions by understanding current and emerging technologies, including technology systems, appropriate digital tools, and personal learning networks. As competent researchers and responsible digital citizens, students use creative and computational thinking to solve problems while developing career and college readiness skills.

7TH GRADE COURSES

GRADE 7 REQUIRED COURSES

English Language Arts & Reading
Math
Science
Texas History
Physical Education or Athletics

GRADE 7 ELECTIVE COURSES

Art	Teen Leader/Careers
Band	Theater Arts
Choir	Yearbook
Dance	
STEM	

REQUIRED COURSES FOR GRADE 7

English Language Arts and Reading 7

Grade 7 students will have a choice of English Language Arts and Reading 7 (ELA 7, READ 7), or Advanced English Language Arts and Reading 7 (ELA ADV 7, READ ADV 7).

ENGLISH LANGUAGE ARTS 7/READING 7:

Students will continue to expand their reading skills including decoding, vocabulary building, and comprehension. In addition to strengthening comprehension strategies, students will begin analyzing texts representing a variety of genres for abstract ideas. Using these texts as a starting point for composition, students will extend their skills in both written and oral communication by addressing these important areas: parts of speech, capitalization, punctuation, spelling, sentence structure, sentence variety, and composition. Students will practice using language as a tool to express ideas for a variety of purposes. Students will also be introduced to research methods and citations.

ENGLISH LANGUAGE ARTS ADV 7/READING ADV 7:

Advanced English Language Arts and Reading 7 is a class designed to give students the opportunity to practice skills, through enriched activities, enabling them to be successful in the AP classes at the high school level. Advanced ELAR 7 will expose students to the concepts of ELAR 7 along with the type of expectations and activities required by the AP program. The goal of this class is to lay the foundation of success, not only for AP high school classes but ultimately in college work itself. This course is designed to encourage students to become self-directed, skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts. Students will practice using language as a tool to express ideas for a variety of purposes and will be introduced to research methods and citations. Critical thinking skills, cooperative learning, and problem-solving are developed as integral parts of activities.

Math 7

Grade 7 students will choose either Math 7, Advanced Math 7, or Accelerated Math 7.

MATH 7:

Grade 7 math will focus on number and operations; proportionality; expressions, equations, and relationships; and measurement and data. Students use concepts, algorithms, and properties of rational numbers to explore mathematical relationships and to describe increasingly complex situations. Students use concepts of proportionality to explore, develop, and communicate mathematical relationships, including number, geometry and measurement, and statistics and probability. Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other. Students connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students communicate information about geometric figures or situations by quantifying attributes, generalize procedures from measurement experiences, and use the procedures to solve problems.

ADVANCED MATH 7:

Prerequisite: **Advanced Math 6**

This course follows the 8th Grade Texas math curriculum.

Students completing this course will be expected to take Algebra I (high school math credit) during their 8th-grade year and must be able to withstand the pacing of a course that covers 8th Grade TEKS. Students will focus on proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. Students use concepts, algorithms, and properties of real numbers to explore mathematical relationships and to describe increasingly complex situations. Students begin to develop an understanding of functional relationships. Students use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. Students will be expected to demonstrate independence in their ability to reason analytically at a demanding pace.

8TH GRADE MATH/ALGEBRA 1 (Double Block):

Grade: 7

Prerequisite: Accelerated Math 6

HS Credit: 1

GPA Level: n/a

This class is double blocked and blends curriculum for 8th grade math with Algebra 1 curriculum. Upon successful completion, students will earn 1 high school credit for Algebra 1.

The primary focal areas in Grade 8 are proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. Students use concepts, algorithms, and properties of real numbers to explore mathematical relationships. Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other. Algebra 1 includes the study of equations, equalities and inequalities in one and two variables, exponents, polynomials, and factoring. The course emphasizes basic algebraic reasoning. It also addresses functions, graphing of linear equations, radicals, quadratics, and algebraic and exponential functions. Students who successfully complete this course as a 7th grader will take Geometry the following school year.

Science 7

SCIENCE:

Grade 7 science is interdisciplinary in nature and emphasizes scientific investigations and reasoning in order to learn about natural phenomena. The content focuses on Organisms and the Environment while integrating concepts from Chemistry, Physics, Earth and Space Science. Students are expected to master the learning objectives by using hands-on activities, laboratory experiments, and projects to reinforce the concepts.

Social Studies 7

TEXAS HISTORY:

Texas History involves the study of geography, plains Indians, early Texas territory explorers and founders, and modern-day Texas. Special emphasis is given to Texas heroes, the study of family and ethnic heritage, and local history. A major objective of the course is to introduce the student to the legends and truths that combine to make Texas such a unique and colorful state.

Physical Education

All Grade 7 students are required to participate in Physical Education or Athletics. Students will meet this requirement by choosing from **PE** or **Boys/Girls Athletics**.

PE 7/8(Year):

This activity course is geared to fitness and healthy lifestyles. Students are expected to participate in general fitness activities designed to promote healthy living habits. Students will not be required to dress out but will be expected to have tennis shoes every day.

BOYS/GIRLS ATHLETICS 7/8 (Year):

Students who wish to play Football, Basketball, Volleyball, Track and Cross Country should select this option. Students in this section will be allowed to try-out for any of the above sports. Athletics is governed by the Texas University Interscholastic League (UIL). Participants are expected to participate in all organized practices and games. All students registered into Athletics will go through a general strength and conditioning program during the daily athletic period. Mandatory before school and after school practice time requirements are frequent. Bus transportation services will **NOT** be provided to students required to attend before or after school practice times.

Additional requirements include:

- UIL Sports Physical
- UIL and District Acknowledgements
- UIL Academic Requirements for Competition
- UIL Concussion Form

ELECTIVE COURSES FOR GRADE 7

Students in Grade 7 will choose two (2) full year elective courses and at least one (1) alternate course. Note: “7/8” indicates that this elective may include both 7th and 8th grade students in the class.

Courses listed are subject to availability and dependent upon numbers of students and faculty. No offerings are guaranteed, but every effort will be made to make each course available to every interested student.

ART 7/8 (Year):

Art is offered to 7th and 8th graders and is a year-long course. The 7 Elements of Art (Line, Shape, Form, Color, Value, Texture and Space) guide both the learning and art projects. Blending creativity, skill, research, and problem-solving, students will explore a range of media and styles. The coursework has specific guidelines and objectives but remains open-ended enough to allow for individuality and imagination. Student projects may include, but are not limited to: drawing in a variety of media, origami, printmaking, paper sculpture, plaster sculpture, painting in a variety of media, mixed media, collage, textiles, and ceramics.

BAND - CONCERT OR SYMPHONIC 7/8 (Year):

The following are requirements for any Band 7/8 class:

- Instrument purchase or rental and additional fees required
- UIL and District Acknowledgements
- UIL Academic Requirements for competition

Before/After school rehearsal will be expected at various times throughout the school year. Band members will perform at selected school events and various concerts and contests. Auditions will determine placement in one of the performing ensembles.

BOYS OR GIRLS CHOIR 7/8 (Year):

The following are requirements for any Choir 7/8 class:

- Performance Attire purchase and additional fees required
- UIL and District Acknowledgements
- UIL Academic Requirements for competition

Before/After school rehearsal will be expected at various times throughout the school year. Choir members will perform at selected school events and various concerts and contests.

DANCE 7/8 (Year):

Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic, creative, and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness.

SCIENCE, TECHNOLOGY, ENGINEERING & MATH (STEM)7/8 (Year):

STEM students will study the history, current trends, and future possibilities of STEM fields and technologies. Students will learn: The importance and implementation of project management, personal responsibility, organization, and the effects of discipline within a design team; identify common practices and methodology in designing solutions; build blueprints and orthographic designs for ideas; learn coding that leads to app design. *Due to the rigor of STEM and the projects involved, students are required to read “Getting Things Done for Teens” by David Allen as summer reading and students will need to have precepts in place. We will take a test over content and grade over implementation.*

YEARBOOK 7/8 (Year):

Prerequisite: Application required

Students enrolled in Yearbook- will create, design and produce our school’s yearbook. They will apply all skills associated with layout and design, digital imaging, photo-composition, journalism, and most importantly, collaboration and cooperation between staff members. Yearbook participants are expected to spend time outside of school hours to cover campus events and complete required assignments by deadline. Students will attend various workshops offered by Jostens throughout the year. No additional supplies are needed for this class. **Note: Students enrolled in this course must have permission for local and district use of student images.**

THEATER 7/8 (Year):

This course is designed to complement each student’s education by introducing him or her to the world of Theatre Arts. Students will experience a variety of concepts in addition to improving their self-esteem and public speaking skills. This course will also provide a learning experience for which student actors will explore acting by doing pantomime, costume design, improvisation, and group acting.

TEEN LEADERSHIP 7/8 (Semester):

Students taking this class will also take a semester of Career Investigations.

This course will combine 21st-century leadership concepts along with the ability to design and communicate quality presentations. The class will involve a leadership curriculum which will build leadership capacity. Students will learn study skills, organizational skills, and other qualities to help them as a student and a future employee.

CAREER INVESTIGATIONS 7/8 (Semester):

Students taking this class will also take a semester of Teen Leadership.

Students will use decision-making and problem-solving skills for college and career planning while exploring valid, reliable, educational, and career information to learn more about themselves and their interests and abilities. Students integrate skills from academic subjects, information technology, and interpersonal communication to make informed decisions. This course is designed to guide students through the process of investigation and in the development of a college and career achievement plan. Students will use interest inventory software or other tools to explore areas of personal interest.

8TH GRADE COURSES

GRADE 8 REQUIRED COURSES

English Language Arts & Reading
Math
Science
Social Studies

GRADE 8 ELECTIVE COURSES

Art HS #	Fund'l Computer Sci #
Band	Auto/Robotics&Design #
Choir	Prin of Arts & AV Techn #
Dance	Spanish 1 #
Athletics	Theater Arts 1 #
PE	Yearbook

earns High School credit - no GPA Awarded

REQUIRED COURSES FOR GRADE 8

English Language Arts and Reading 8

Grade 8 students will have a choice of English Language Arts and Reading 8 (ELA 8/READ 8) or Advanced English Language Arts and Reading 8 (ELA ADV 8/READ ADV 8).

ENGLISH LANGUAGE ARTS 8/READING 8:

Students will continue to enrich reading skills including decoding, vocabulary building, and comprehension. ELAR 8 students will continue working on comprehending and creating meaning from abstract ideas, using a variety of genres and texts as a starting point for the writing process. Using language as a tool for expressing ideas for a variety of purposes, students will also refine their skills in both written and oral communication by addressing these important areas: parts of speech, capitalization, punctuation, spelling, sentence structure, sentence variety, and composition. Students will also continue strengthening their research skills.

ENGLISH LANGUAGE ARTS ADV 8/READING ADV 8:

ADV ELAR 8 is a class designed to give students the opportunity to practice skills, through enriched activities, enabling them to be successful in the PreAP and AP classes at the high school level and ultimately in college work itself. This course is designed to encourage students to become self-directed, skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts, as well as skilled writers who compose for a variety of purposes. This course will stress the study of literary elements, higher level vocabulary development, and understanding the author's

purpose for writing. Critical thinking skills, cooperative learning, and problem-solving are developed as integral parts of activities. Both their writing and their reading should make students aware of the interactions among a writer's purpose, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to the effectiveness in writing.

Math 8

MATH 8:

Grade 8 math will focus on proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. Students use concepts, algorithms, and properties of real numbers to explore mathematical relationships and to describe increasingly complex situations. Students use concepts of proportionality to explore, develop, and communicate mathematical relationships. Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other. Students connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students begin to develop an understanding of functional relationships. Students use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students communicate information about geometric figures or situations by quantifying attributes, generalize procedures from measurement experiences, and use the procedures to solve problems. Students use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations.

8TH GRADE MATH/ALGEBRA 1 (Double Block):

Grade:	8	HS Credit:	1
Prerequisite:	Mastery of 7th grade STAAR test	GPA Level:	n/a

This class is double blocked and blends curriculum for 8th grade math with Algebra 1 curriculum. Upon successful completion, students will earn 1 high school credit for Algebra 1.

The primary focal areas in Grade 8 are proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. Students use concepts, algorithms, and properties of real numbers to explore mathematical relationships. Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other. Algebra 1 includes the study of equations, equalities and inequalities in one and two variables, exponents, polynomials, and factoring. The course emphasizes basic algebraic reasoning. It also

addresses functions, graphing of linear equations, radicals, quadratics, and algebraic and exponential functions. Students who successfully complete this course in 8th grade will take Geometry the following school year.

ALGEBRA 1

Grade Level:	8	HS Credit:	1
Pre-Requisite:	Accelerated Math 7	GPA Level:	n/a

Upon successful completion, students will earn 1 high school credit for Algebra 1.

This course will continue to build on the basic mathematical understandings developed in grades K-8. Students will use symbols in a variety of ways to study relationships among quantities, particularly relationships in which there exists a systematic dependence of one quantity on another. Algebra 1 includes the study of equations, equalities and inequalities in one and two variables, exponents, polynomials, and factoring. The course emphasizes basic algebraic reasoning. It also addresses functions, graphing of linear equations, radicals, quadratics, and algebraic and exponential functions. Students who successfully complete this course in the 8th grade will take Geometry the following school year.

Science 8

SCIENCE 8:

Interdisciplinary in nature, grade 8 science emphasizes scientific investigations and reasoning in order to learn about natural phenomena. The content focuses on Earth and Space Science while integrating concepts from Chemistry, Physics, and Ecology. Students are expected to master the learning objectives by using hands-on activities, laboratory experiments, and projects.

Social Studies 8

US HISTORY:

The curriculum of grade 8 American History includes geography and historical events through the Reconstruction Era. Objectives of this course include providing the student with a basic survey of historical facts in addition to promoting critical thinking skills such as: cause and effect, categorizing, generalizing, analyzing and evaluation. This course provides an intense study of the history of the United States.

ELECTIVE COURSES FOR GRADE 8

Students in Grade 8 will choose three (3) elective courses as well as at least one (1) alternate choice. Note: “7/8” indicates that this elective may include both 7th and 8th grade students in the class.

Courses listed are subject to availability and dependent upon numbers of students and faculty. No offerings are guaranteed, but every effort will be made to make each course available to every interested student.

PHYSICAL EDUCATION

PE 7/8(Year):

This activity course is geared to fitness and healthy lifestyles. Students are expected to participate in general fitness activities designed to promote healthy living habits. Students may take PE for one or two semesters. ***Cannot take if enrolled in Athletics.***

BOYS/GIRLS ATHLETICS 7/8 (Year):

Students who wish to play **Football, Basketball, Volleyball, Track and Cross Country** should select this option. Students in this section will be allowed to try-out for any of the above sports. Athletics is governed by the Texas University Interscholastic League (UIL). Participants are expected to participate in all organized practices and games. All students registered into Athletics will go through a general strength and conditioning program during the daily athletic period. Mandatory before school and after school practice time requirements are frequent. Bus transportation services are **NOT** be provided to students required to attend before or after school practice times.

Additional requirements include:

- UIL Sports Physical
- UIL and District Acknowledgements
- UIL Academic Requirements for Competition
- UIL Concussion Form

FINE ARTS & OTHER ELECTIVES

BAND - CONCERT OR SYMPHONIC 7/8 (Year):

The following are requirements for any Band 7/8 class:

- Instrument purchase or rental and additional fees required
- UIL and District Acknowledgements
- UIL Academic Requirements for competition

Before/After school rehearsal will be expected at various times throughout the school year. Band members will perform at selected school events and various concerts and contests. Auditions will determine placement in one of the performing ensembles.

BOYS OR GIRLS CHOIR 7/8 (Year):

The following are requirements for any Choir 7/8 class:

- Performance Attire purchase and additional fees required
- UIL and District Acknowledgements
- UIL Academic Requirements for competition

Before/After school rehearsal will be expected at various times throughout the school year. Choir members will perform at selected school events and various concerts and contests. Audition will determine placement in a Choir.

DANCE 7/8 (Year):

Dance students develop perceptual thinking and movement abilities in daily life, promoting an understanding of themselves and others. Students develop movement principles and technical skills and explore choreographic, creative, and performance qualities. Students develop self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with a sensitive kinesthetic awareness.

YEARBOOK 7/8(Year):

Prerequisite: Application required.

Students enrolled in Yearbook- will create, design and produce our school's yearbook. They will apply all skills associated with layout and design, digital imaging, photo-composition, journalism, and most importantly, collaboration and cooperation between staff members. Yearbook participants are expected to spend time outside of school hours to cover campus events and complete required assignments by deadline. Students will attend various workshops offered by Jostens throughout the year. No

additional supplies are needed for this class. **Note: Students enrolled in this course must have permission for local and district use of student images.**

ELECTIVES TAKEN AT JR HIGH FOR HIGH SCHOOL CREDIT

Upon successful completion of the following elective courses, a student will earn one (1) high school credit towards graduation.

ART 1

Grade Level: 8 **HS Credit: 1**
Pre-Requisite: None

Art 1 will allow the student the opportunity to learn how to work with a large variety of materials. The first semester of Art 1 will introduce the student to drawing and color study using the elements and principals of design. Drawing will consist of sequential learning steps with emphasis of developing shading skills. Color studies will include, but not be restricted to, using water-based paints. The second semester, which builds on first semester skills, will include the study of painting skills, printmaking, and 3-dimensional constructions. Semesters must be taken in sequence. Approximate cost of supplies is \$30.00

SPANISH 1

Grade Level: 8 **HS Credit: 1**
Pre-Requisite: None

Spanish 1 is an introduction to the four basic communicative skills of reading, writing, listening, and speaking, with an emphasis on speaking and vocabulary development. A thorough introduction to the sound system, the development of language skills and learning techniques are emphasized as students are introduced to Spanish grammar and Hispanic culture. Students who successfully complete this course in Junior High will take Spanish 2 the following school year.

THEATER PRODUCTION 1

Grade Level: 8 **HS Credit: 1**
Pre-Requisite: None

In Production 1 students learn about voice, movement, stage areas/directions, auditioning, dramatic acting, comedic acting, monologue, improv, pantomime, character development, Shakespearean acting and ensemble. Students gain

experience in these areas through short scene work, audition practice, improv games, theatre warm-ups and activities, team building exercises, and a full production with a student director. Performances outside of class time are required for this class.

PRINCIPLES OF ARTS, A/V TECHNOLOGY & COMMUNICATION

Grade Level: 8 **HS Credit:** 1
Pre-Requisite: None

This a Career and Technology Education (CTE) class where students will develop an understanding of the multifaceted career opportunities and characteristics, such as a creative aptitude, strong background in computer and technology applications, a strong academic foundation and a proficiency in oral and written communication that are necessary for those interested in the field of Arts, A/V Technology.

GATEWAY TO TECHNOLOGY: AUTOMATION AND ROBOTICS

Grade Level: 8 **HS Credit:** .5
Pre-Requisite: None

Students taking this class will also take a semester of Design & Modeling.

This is a one semester Career and Technical Education (CTE) course where students learn about the history and impact of automation and robotics as they explore mechanical systems, energy transfer, machine automation, and computer control systems. Using the VEX Robotics® platform, students apply what they know to design and program traffic lights, robotic arms, and more.

GATEWAY TO TECHNOLOGY: DESIGN AND MODELING

Grade Level: 8 **HS Credit:** .5
Pre-Requisite: None

Students taking this class will also take a semester of Automation & Robotics.

This is a one semester Career and Technical Education (CTE) course. Students discover the design process and develop an understanding of the influence of creativity and innovation in their lives. They are then challenged and empowered to use and apply what they've learned throughout the unit to design and therapeutic toy for a child who has cerebral palsy.

FUNDAMENTALS OF COMPUTER SCIENCE

Grade Level: 8

HS Credit: 1

Pre-Requisite: None

This is a Career and Technical Education (CTE) course. It will expose students to computer science as a means of computationally analyzing and developing solutions to authentic problems through mobile app development, and will convey the positive impact of the application of computer science to other disciplines and to society. Students will learn about programming for the physical world by blending hardware design and software development, allowing students to discover computer science concepts and skills by creating personally relevant, tangible, and shareable projects.

Career & Technology Education (CTE) Information

Public Notification of Nondiscrimination in Career and Technology Education Programs
Celina Independent School District
Celina, Texas

Celina Independent School District offers career and technical education programs in all of the areas listed below. Admission to these programs is based on interest and aptitude, age appropriateness, and class space availability.

It is the policy of Celina Independent School District not to discriminate on the basis of race, color, national origin, sex or handicap in its vocational programs, services or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

Celina Independent School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs. For information about your rights or grievance procedures, contact:

Assistant Superintendent, Title IX Coordinator
Celina Independent School District
205 S Colorado Street
Celina, TX 75009
469-742-9100

SCHEDULING NOTES

WHAT ARE YOUR PLANS AFTER HIGH SCHOOL?:

NOTES

TENTATIVE COURSE SELECTIONS

ENGLISH _____

MATH _____

SCIENCE _____

SOC STUDIES _____

PE OR ATHL _____

KEYBRD OR ELECT _____

ELECT _____

ELECT _____

ALTERNATE COURSE SELECTIONS:

#1 _____

#2 _____