



Foundation High School Program + Endorsement

HIGH SCHOOL 4 -YEAR PLAN

2025 - 2026



Students who enter the ninth grade in the fall of 2026 and thereafter will be required to take .5 credit of Government and .5 credit of Personal Financial Literacy to meet the graduation requirement. Economics is no longer required for graduation

Graduation Requirements for the Classes of 2029 and Beyond

Students who enter the ninth grade in the fall of 2025 and thereafter must enroll in courses necessary to complete the *Foundation High School Program with an endorsement*. Students may also earn *Distinguished Level of Achievement* by including and successfully completing Algebra II in their selected coursework. Students should study the table below which outlines requirements for 22 credits for the *Foundation High School Program* plus the 4 additional credits required for an endorsement. Counselors at each high school will furnish details associated with endorsements and other information necessary for students to complete registration.

Course	Foundation	+ Endorsement	Notes
English	4		
PACE (Personal, Academic, & Career Exploration) or PACE Plus	½ or 1		<ul style="list-style-type: none"> One-half credit is required in grade 9. One credit is required for 9th grade students who did not pass all 8th grade core academic classes (language arts, reading, math, science, and social studies) and who have not met the state standards on any 8th grade STAAR assessment. The state required speech TEKS are embedded in PACE and PACE Plus.
Mathematics	3 Algebra I, Geometry, and an additional math course	+ 1 additional advanced math course	<ul style="list-style-type: none"> Algebra II must be taken to earn the Distinguished Level of Achievement. Note: State graduation requirements do not mandate that a student complete Algebra II to graduate under the Foundation High School Program. If a student does not complete an Algebra II course, the student will not be eligible for automatic college admission or certain financial aid including the TEXAS Grant Program and the Texas Educational Opportunity Grant Program.
Science	3 Biology and IPC, Chemistry, or Physics, and an additional science course	+ 1 additional advanced science course	<ul style="list-style-type: none"> Biology is required for all students.
Social Studies	3 World Geography or World History, U.S. History, Government (½) & Personal Financial Literacy (½)		<ul style="list-style-type: none"> Students may substitute AP Human Geography for World Geography.

Updated

Languages other than English (Foreign Language)	2		<ul style="list-style-type: none"> Students take and earn two credits in the same language.
Physical Education	1		<ul style="list-style-type: none"> Students may meet the PE requirement through after school participation in the fall semester of marching band and cheerleading, and both semesters of drill team, athletics, and AFJROTC. Students may also meet the PE requirement if they participate in a district-approved Olympic caliber off-campus training program. PE credit may be earned through approved correspondence courses.
Fine Arts	1		<ul style="list-style-type: none"> Approved fine arts courses include art, music, dance, theatre courses and floral design. Students must take 2 sequential semesters of the same course to meet the Fine Arts credit requirement.
Electives	4.5	+ 2 additional electives	
Total Credits Required	22	26	

Financial Aid Application for High School Graduation

Completing a free application for federal student aid (FAFSA) is a graduation requirement. FAFSA and/or TAFSA must be completed before a student can receive a high school diploma. A parent or legal guardian may provide written notice to opt out their child. Students who are at least 18 years old may opt themselves out of the requirement.

NOTE: Students must graduate with the Distinguished Level of Achievement (includes successful completion of Algebra II) in order to be eligible for top 10% automatic admission at any Texas public university and also to be considered for the TEXAS Grant.

Endorsements

What is an Endorsement? A related series of courses that are grouped together by interest or skill set. They help create a personalized learning plan in line with a student's career interests & goals & provide students in-depth knowledge of a subject area.

- **Students and parents required to select (in writing) an endorsement area and create a 4-Year Plan**
- **There will be opportunities to review and/or modify the plan each year**
- **Schedule changes for the next school year must be made before the end of the CURRENT school year**
- **Students may earn more than one endorsement**



Endorsement Plan Considerations

- What is the student's best academic pathway for high school, taking into account:
 - Personal interests and talents
 - Career aspirations
 - Post-secondary goals
- What are the admission requirements for the College/University they wish to attend?
- The Endorsement(s) chosen will determine many of the high school elective choices.



Students Can Choose from 5 Endorsement Areas:

1. STEM
2. Business & Industry
3. Public Services
4. Arts & Humanities
5. Multidisciplinary Studies

(Student Booklet – pages 12-13; 14-17)

5 Endorsement Areas

- **STEM** – Science, Technology (including Computer Science), Engineering, and advanced Math
- **Business & Industry** – Agriculture; Architecture & Construction; A/V Technology & Communications; Business, Marketing & Finance; Hospitality & Tourism; Information Technology, Manufacturing; Transportation, Distribution & Logistics
- **Public Services** – Education & Child Guidance; Health Science; Human Services (Cosmetology); AFJROTC

5 Endorsement Areas

- **Arts and Humanities** – Social Studies; Languages Other than English (LOTE); Fine Arts (Art, Dance, Music, & Theatre)
- **Multidisciplinary Studies** – Four by Four (4 x 4); AP/DC
Provides students the opportunity to take a variety of Courses from each of the other four endorsement areas

Programs of Study are a coherent sequence of CTE courses, industry-based certifications, & work-based learning designed to ensure students are prepared for in-demand, high-skill, high-wage careers. They also support the completion of an endorsement.

AGRICULTURE, FOOD, & NATURAL RESOURCES			
AG 1 – Animal Science	AG 2 – Plant Science	AG 3 – Agricultural Technology & Mechanical Systems	AG 4 – Environmental & Natural Res
			
<p>9TH GRADE Principles of Agriculture (1) Quality Counts Verification</p> <p>10TH GRADE Small Animal Mgmt (0.5) & Equine Sci (0.5) Fear Free Vet, *Equine Mgmt & Eval OR Livestock Production (1) TX BQA, *Fundamentals of Animal Sci</p> <p>11TH GRADE *Vet Med Appl Cert. (1) OR Livestock Production (1) TX BQA, *Fundamentals of Animal Sci</p> <p>12TH GRADE *Advanced Animal Science K (1-sci) OR *Practicum in Agriculture (2) Certified Vet Assistant 2</p>	<p>9TH GRADE Principles of Agriculture (1) Quality Counts Verification</p> <p>10TH GRADE Greenhouse Operation & Production (1) OR Floral Design (1-fine arts) *TSPA Knowledge Based Floral Cert. *TSPA Level I Floral Certification</p> <p>11TH GRADE *Advanced Plant & Soil Science K (1-sci) *BASF Plant Science Certification OR *Advanced Floral Design (1) *TSPA Level II Floral Certification</p> <p>12TH GRADE *Capstone - Plant Science (1) *BENZ Principles of Floral Design OR *Practicum in Agriculture (2)</p>	<p>9TH GRADE Principles of Agriculture (1) Quality Counts Verification</p> <p>10TH GRADE Ag Mechanics (1) OSHA-10hr *AWS D9.1 Sheet Metal Welding</p> <p>11TH GRADE *Ag Equipment (1) *AWS D1.1 Structural Steel</p> <p>12TH GRADE *Capstone - Ag Mech (1) OR *Practicum in Agriculture (2) *Additional AWS</p>	<p>9TH GRADE Principles of Agriculture (1) Quality Counts Verification</p> <p>10TH GRADE Wildlife, Fisheries & Ecology Mgmt (1) Hunter Safety Boater Safety Angler Safety</p> <p>11TH GRADE Forestry & Woodland Ecosystems (1) *Ducks Unlimited</p> <p>12TH GRADE *Range Ecology Mgmt (1) OR *Practicum in Agriculture (2)</p>
<p>POTENTIAL OCCUPATIONS</p> <p>Certified Vet Assistant \$15 per hour</p> <p>Animal Breeder \$39,139</p> <p>Animal Scientist \$57,533</p> <p>Zoologist \$67,309</p> <p>Veterinarian \$93,496</p>	<p>POTENTIAL OCCUPATIONS</p> <p>Soil & Plant Scientist \$65,370</p> <p>Biological Technician \$42,931</p> <p>Floral Designer \$31,630</p> <p>Landscaping Supervisor \$44,408</p>	<p>POTENTIAL OCCUPATIONS</p> <p>Small Engine Mechanic \$32,406</p> <p>Welder \$50,648</p> <p>Farm Equipment Mechanic \$39,915</p> <p>Heavy Equipment Mechanic \$47,299</p> <p>Agricultural Engineer \$64,792</p>	<p>POTENTIAL OCCUPATIONS</p> <p>Environmental Sci & Protection Tech \$40,268</p> <p>Environmental Scientists \$77,896</p> <p>Environmental Engineer \$86,757</p> <p>Zoologists & Wildlife Biologist \$67,309</p> <p>Surveying & Mapping Technician \$44,070</p>

Choosing an Endorsement & Option/Program of Study May Seem Overwhelming...

Remember that this is a plan - there will be an opportunity to make changes in high school.

Simply start by asking yourself a few questions:

- What are my interests, talents, and/or career aspirations?
- What are my post-secondary goals?

Explore available resources:

- District website
- Xello

Resources on www.cfisd.net

(Includes CFISD-produced videos about each CTE area)

Agriculture



Agricultural education prepares students for successful careers and a lifetime of informed choices in the global agriculture, food, fiber and natural resources systems. Through agricultural education, students are provided opportunities for leadership development, personal growth and career success.

Agricultural education instruction is delivered through three major components: 1- Classroom/lab experiences, 2-Supervised Ag Experiences, and 3-Leadership development experiences through FFA.



Programs of Study

For more information on a specific course of study, click on the icon below



[Animal Science](#)



[Plant Science](#)



[Agricultural
Technology &
Mechanical
Systems](#)



[Environmental &
Natural Resources](#)

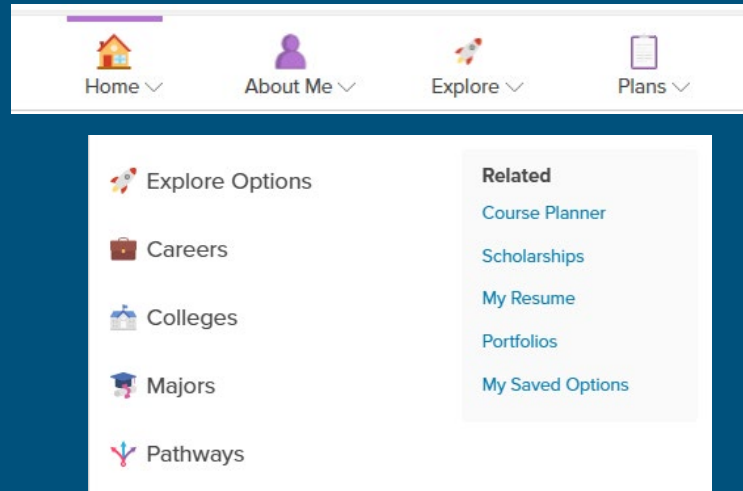
Career & Technical Education

Follow CFISD CTE

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INSTAGRAM: @CTECFISD
TWITTER: @CFISDCTE
YOUTUBE: @CFISDCTE



Explore Career Options in Xello



Click on [Careers/Explore Careers/More Filters/Career Clusters or School Subjects](#)

General Information About Levels

- **On-level** (the course title without a letter after it): Choose this level if you are **CURRENTLY** in an on-level class of that content area in 8th grade. If you have an 85 or above average in that class, you will receive a letter in the spring and will have the opportunity to choose K-level at that time
- **K** (Accelerated level): Choose this level only if you are **CURRENTLY** in a K-level class of that content area in 8th grade **AND** you have a 75 or above average in the class
- **H** (Horizons): **ONLY** choose “H” if you are **CURRENTLY** in Horizons classes

General Information About Levels

- **AP** = Advanced Placement (earn possible college credit by taking AP exam in the spring)
- **DC** = Dual Credit (earn both high school credit and college credit for specific high school courses; specific entry requirements must be met before enrolling in a dual credit course)



Graduation Requirements

English

(4 credits required)

Select **English** courses & levels for all 4 years of high school

9 th Grade – English I	10 th Grade – English II	11 th Grade – English III	12 th Grade – English IV
English I – 01123	English II - 02123	English III - 03123	English IV 04123
English I K - 01013	English II K - 02013	English III K - 03013	English IV K 04013
English I H - 01063	English II H - 02063	English III K/DC - 03083	English IV K/DC 04023 (1301/1302 Lone Star)
		English III H/DC - 03093	English IV AP 04043
		English III AP - 03053	English IV H/AP 04063
		English III H/AP - 03063	English IV AP/DC 04053 (2322/2323 Lone Star)
			English IV H/AP/DC 04073 (2322/2323 Lone Star)

Social Studies



Graduation Requirements

3 credits required

9th and/or 10th Grade

- Students have flexibility in determining the course & year of study in 9th/10th grade.
- Students have a CHOICE from the following:
 - World Geography (On-level, K, or H)

Note: Students may substitute AP Human Geography for World Geography but may not earn credit for both courses.

OR

- World History (On-level, K, H, AP, or H/AP)



Select course(s) and level(s)

9th and/or 10th Grade - World Geography or World History

World Geography – 11123	World History – 13123	Human Geography AP - 14753
World Geography K - 11013	World History K - 13013	Human Geography H/AP - 14763
World Geography H - 11063	World History H - 13063	
	World History AP - 13053	
	World History H/AP - 13073	

11th Grade

- **US History is *REQUIRED***

US History – 10123
US History K – 10313
US History AP – 10353
US History H/AP - 10363
US History DC - 10253
US History H/DC - 10263

12th Grade

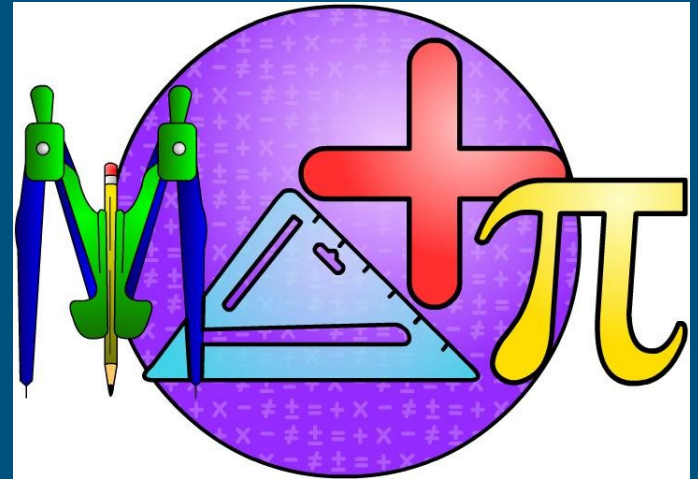
Government (.5 credit) & **Personal Financial**

Literacy (.5 credit) are **BOTH REQUIRED.**

Government – 14120	Personal Financial Literacy + Economics (on-level) – 15210
Government K – 14210	Economics Free Enterprise K – 15010
Government DC – 14550	Macro Economics AP – 15050
Government H/DC - 14560	Macro Economics H/AP – 15060
Government AP – 14250	Macro Economics AP/DC - 15070
Government H/AP - 14260	Macro Economics H/AP/DC - 15080

GRADUATION
REQUIREMENTS
MATH

4 credits required



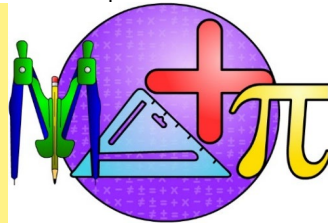
REQUIREMENTS (see pp. 6 - 8 in Student Booklet)

- ❑ Algebra I – 8th or 9th Grade
 - On-level credit regardless of when taken
 - Required for all students
- ❑ Geometry – (On-level, K, or H)
- ❑ An additional math course +1 additional advanced math course
 - **All STEM endorsements - must take Algebra II**
 - **Algebra II must be taken to earn the Distinguished Level of Achievement**

(required to be eligible for the top 10% automatic admission to any Texas Public University and to be considered for the Texas Grant)

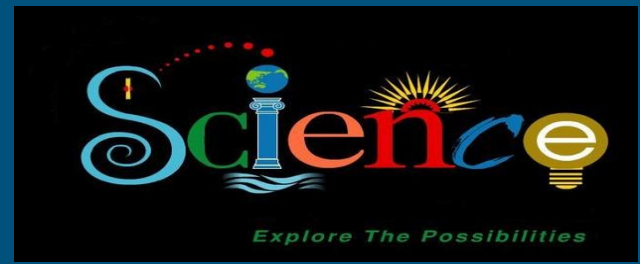
OPTIONS FOR A STUDENT TAKING 8TH GRADE MATH THIS YEAR

	8 th Grade	9 th Grade	10 th Grade	11 th Grade	12 th Grade
<u>Example #1</u>	<u>8th Grade Math</u>	<u>Algebra I</u> (On-level)- 21523	<u>Geometry</u> (On-level) – 22123 K – 22013	<u>Algebra II</u> (On-level) – 23123 K - 23013	<u>Precalculus</u> (On-level) – 24223 K – 24113 DC – 24153 AP - 24183 <u>or</u> <u>ISM Advanced Algebra</u> (On-level) - 24523 <u>or</u> <u>ISM College Algebra</u> K – 24313 DC - 24413 <u>or</u> <u>Statistics AP</u> - 24553



OPTIONS FOR A STUDENT TAKING ALGEBRA I THIS YEAR (PAGE 6)

<p><u>Example #2</u></p>	<p><u>Algebra I</u></p>	<p><u>Geometry</u> (On-level) – 22123 K – 22013 H - 22063</p>	<p><u>Algebra II</u> (On-level) – 23123 K – 23013 H - 23063</p>	<p><u>Precalculus</u> \implies (On-level) – 24223 K – 24113 AP – 24183; H/AP – 24193 DC – 24153; H/DC - 24173</p> <p style="text-align: center;">OR</p> <p>*****</p> <p><u>ISM – College Algebra</u> \implies K – 24313; H – 24363 DC – 24413; H/DC - 24463</p> <p style="text-align: center;">OR</p> <p>.....</p> <p><u>Statistics AP</u> \implies 24553; H/AP - 24563 DC – 24653; H/DC - 24663</p>	<p><u>AP Calculus AB</u> - 25153; H/AP –24193 DC – 25053; H/DC - 25063</p> <p style="text-align: center;"><u>or</u></p> <p><u>AP Calculus BC</u> – 25253; H/AP – 25163 DC – 25453; H/DC - 25463</p> <p style="text-align: center;"><u>or</u></p> <p><u>Statistics AP</u> – 24553; H/AP - 24563 DC – 24653; H/DC - 24663</p> <p style="text-align: center;"><u>or</u></p> <p><u>ISM College Algebra</u> – K – 24313; H – 24363; DC – 24413; H/DC - 24463</p> <p style="text-align: center;"><u>or</u></p> <p><u>AQR – K</u> – 24733</p> <p>*****</p> <p><u>Precalculus</u> - (On-level) – 24223; K - 24113 AP – 24183; H/AP – 24193 DC – 24153; H/DC - 24173</p> <p style="text-align: center;"><u>or</u></p> <p><u>Statistics AP</u> - 24553; H/AP - 24563 DC – 24653; H/DC – 24663</p> <p style="text-align: center;"><u>or</u></p> <p><u>AQR – K</u> - 24733</p> <p>.....</p> <p><u>Precalculus</u>- (On-level) – 24223; K - 24113 AP – 24183; H/AP – 24193 DC – 24153; H/DC - 24173</p> <p style="text-align: center;"><u>or</u></p> <p><u>ISM College Algebra</u> K – 24313; H – 24363 DC – 24413; H/DC - 24463</p> <p style="text-align: center;"><u>or</u></p> <p><u>AQR – K</u> – 24733</p>
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Graduation Requirements

4 credits required



Requirements

(Page 9)

4 Science credits required for any endorsement

- **9th - Biology (*On-level, K, or H*)**
- **10th - IPC, Chemistry, or Physics**
(or AP Physics I if completed or concurrent enrollment in Algebra II)
- **An additional science course +1 additional advanced science course**

- ❖ All **STEM** endorsements - must take Biology, Chemistry, & Physics (or AP Physics I)
- ❖ **Multidisciplinary Studies – Option 1 – 4 x 4** – must have Biology + Chemistry and/or Physics (or AP Physics I)

9th Grade

All students must take **Biology**

Choose level:

- On-level - 31123
- K - 31013
- H - 31063



10th Grade

Choose from the following:

- **IPC** (On-level) - 30523
- **Chemistry** (On-level – 32123, K - 31013, or H - 32063)
- **Physics** (On-level - 33123, K - 33013, or H - 33063)
or **AP Physics I** - 37453 (**if completed or concurrent enrollment in Algebra II**)



Note: Students who do not take Chemistry may meet the high school graduation requirements, but this does not position them for career and college readiness.

11th Grade and/or 12th Grade Science

See Student Booklet - Page 9

Course Name	Prerequisites	Information
IPC (Integrated Physics & Chemistry) (30523)	Biology	Introduces basic concepts of Chemistry & Physics
Chemistry (32123; K-32013; H-32063)	Biology and Algebra I	Characteristics of matter; use of Periodic Table
Physics (33123; K-33013; H-33063)	Biology & completion or concurrent with Algebra I	Laws of motion & forces, energy, waves, & electricity
Aquatic Science (On-level) (33423)	Biology (Recommended – IPC or Chemistry or concurrent enrollment in either)	Fresh water & marine aquatic systems
Astronomy (33523; K-33543)	Biology, Algebra I & IPC or Chemistry (Recommended: Physics)	Moon, stars, planets, space exploration
Earth Systems Science (35223; K-35313; H-35363)	Algebra I & 2 credits of high school science	Study of the Earth's systems
Environmental Systems (On-level) (33623)	Biology (Recommended: Completion of Chemistry or concurrent enrollment in chemistry)	Native plants & animals, endangered species, disasters & events that affect the environment
AP Biology (34153; H/AP-34163; DC-34053)	Biology and Chemistry	Molecular biology, cellular processes, human genetics, plants & animals; college prep course
AP Chemistry AB (35153; H/AP-35163)	Biology, Chemistry and Algebra II	In-depth study of chemistry; comparable to a full year of a college course
DC Chemistry AB (35253; H-35263)	Biology, Chemistry and Algebra II	37-week (full year) course that covers Lonestar College course 1411 only
DC Chemistry BC (35273)	Biology, Chemistry and Algebra II	37-week (full year) course that covers Lonestar College courses 1411 & 1412
AP Physics I (37453; H-37463; DC-37553)	Completion or concurrent enrollment in Algebra II	May substitute for Physics Algebra-based; the equivalent of a first semester algebra-based Physics college course but taught over a full year
AP Physics II (37653; H-37663; DC-37753)	Physics K or AP Physics I and completion or concurrent enrollment in Precalculus	Algebra-based; comparable to a second semester algebra-based college Physics course but taught over a full year
AP Physics C: Mechanics & EM (2 credits/2 period block) (37373; H-37473)	Physics or AP Physics I and completion or concurrent enrollment in Calculus	Calculus-based; principles of mechanics, electricity, & magnetism; the equivalent of calculus-based college Physics for engineers & science majors
AP Environmental Science (36153; H-36163; DC-36133; H/DC-36143)	Biology and completion or concurrent enrollment in Chemistry	Identify & analyze natural and human-made environmental problems
Anatomy & Physiology K (34213)	Biology and Chemistry (Recommended – Medical Term & Prin of Health Sci) Grades 11-12	Organ systems & physiology; dissection techniques; cause & effect of disease
Food Science K (33753)	Culinary Arts and three units of science (including Biology & Chemistry) Grades 11-12	Study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public
Forensic Science K (33813)	Biology and Chemistry (Recommended – Medical Term & Prin of Health Sci) Grades 11-12	Terminology and investigative procedures related to crime scene investigation – fingerprint analysis, ballistics, and blood spatter analysis
Engineering Design & Problem-Solving K (33913)	Algebra II + Biology, Chemistry & Physics (or concurrent) and Engineering Design & Presentation I; Grades 11-12	Use the engineering design process cycle to investigate, design, plan, create, and evaluate solutions
Advanced Animal Science K (33733)	Biology, Chemistry, and Vet Med or at least one credit from the following: Small Animal, Equine Science, or Livestock Production; Grades 11-12	For students seeking career in animal science
Advanced Plant and Soil Science K (33743)	Biology, Chemistry, and Horticultural Science; Grades 11-12	Provides a way of learning about the natural world; basis for many other fields of science
Pathophysiology K (33843)	Biology and Chemistry (Recommended – Medical Term & Prin of Health Sci) Grades 11-12	Study of the disease process and how humans are affected

Other Required Courses for Graduation

PACE

LOTE / Foreign Language



PACE: Personal, Academic, and Career Exploration

- Required in 9th grade
- .5 credit (one semester)
- Not available to take in Summer School
- The state required speech TEKS are embedded in this class.



When making your 9th grade course selections, choose one of the following .5 credit (1 semester) courses to pair with PACE:

Course Title	Course #	Grade Level (s)	Description
Health	46120	9-12	Develop skills (including CPR) to become health-literate adults
Professional Communications (.5 credit)	06020	9-12	Develop effective interpersonal communication skills
Touch System Data Entry (Keyboarding) (.5 credit)	51220	9-10	Develop keyboarding & formatting skills needed for success in the workplace
LeadWorthy (.5 credit)	60220	9-12	Activity-oriented course designed to develop personal responsibility, leadership, and professional skills through explicit social-emotional participatory learning experiences
Photojournalism (.5 credit)	08620	9-12	Introduces the world of photography and journalism; must have your own digital camera
World Area Studies K or H (.5 credit)	K - 14010 H - 14020	9-12	Study of geography, culture, history, politics, & economic development of selected regions

LOTE/Foreign Language

2 credits of the same foreign language

- Spanish
- French
- German
- Latin
- Chinese (Mandarin) (*availability varies by campus*)
- American Sign Language (*Cy-Ridge & Langham Creek only*)
- Computer Programming



Other Required Courses for Graduation

Fine Arts - 1 credit Fine Arts required
Physical Education - 1 credit PE
required



Fine Arts

- 1 credit required
 - (2 sequential semesters of the same course)
- Course I may be taken in 9th, 10th, 11th, or 12th
 - (Band I and Orchestra I require playing experience)
- Classes include:
 - Art
 - Music
 - Theater
 - Dance
 - Floral Design
 - (Required prerequisite or concurrent enrollment in Principle of Ag)



Art

- Art I can be taken in any grade 9th – 12th
- Art classes are selected based on a specific area of focus.

Art I, II, III, IV

- **Drawing/Painting**
- **Ceramics/Sculpture**
- **Photography**
- **Digital Art & Media**

AP

- **Art Drawing**
- **Art 2-D Design**
- **Art 3-D Design**
- **Art Photography**
- **Digital Art & Media**
- **Art History**



Music

Band or Band/Color Guard

Band I, II, III, IV

Students new to the CFISD Band program should have playing experience.

or

Band I-CG, II-CG, III-CG, IV-CG (Color Guard)

*Band I or Band I-Color Guard will provide the student with the required graduation credit in **Fine Arts**. Completion of Band II or Band II-CG will meet the graduation requirement in **P.E.**



Music

Choir I, II, III, IV

Choir I can be taken in any grade 9th – 12th



Music

Orchestra I, II, III, IV

**Orchestra I can be taken in any grade 9th – 12th
*students new to the CFISD Orchestra program should have
playing experience.***



Theatre

Theatre Arts I, II, III, IV

- Acting / Performance

Technical Theatre I, II, III, IV

- Set design/Lighting/Props/Costumes

Theatre Production I, II, III, IV

- Production process as it relates to acting & technical theatre; **Teacher approval required**



Dance Team

Dance I (Fine Arts) , Dance Team II, III, IV

- Development of skills, training and performing at events and competitions on the Dance Team (tryouts required)

Dance I (FA) will provide the student with the required graduation credit in **Fine Arts. Completion of Dance Team II (PE substitute) will meet the graduation requirement in **P.E.***

Dance

Dance I (Fine Arts), Dance II (PE), III, IV

- Development of skills in a variety of dance techniques

Dance I (FA) will provide the student with the required graduation credit in **Fine Arts. Completion of Dance II (PE) will meet the graduation requirement in **P.E.***

Students taking at least two years of Dance Team or Dance, should schedule the Fine Art credit course as Course I and the PE credit course as Course II

Examples: Dance I (FA), Dance Team II (PE sub), Dance Team III, Dance Team IV

Or

Dance I (FA), Dance II (PE), Dance III, Dance IV

Fine Arts

➤ **Fine Arts - 1 credit required (choose one)**

*Students must take **2 sequential semesters of the same course** to meet the Fine Arts requirement*

Dance

_____ Dance I (45273), II (45283), III (45323), IV (45423)

_____ Dance Team I (45113), II (45253), III (45313), IV (45413)

Art

_____ Drawing & Painting I (70123), II (70523), III (70923), IV (72523), AP Art Drawing (71453), AP Art 2-D Design (71353)

_____ Ceramics/Sculpture I (70223), II (70623), III (71023), IV (72533), AP Art 3-D Design (71553)

_____ Photography I (70323), II (70723), III (71123), IV (72623), AP Art Photography (71753)

_____ Digital Art & Media I (70113), II (70423), III (71223), IV (71233), AP Digital Art & Media (71853)

_____ AP Art History (71653)

Music

_____ Band I (75113), II (75213), III (75313), IV (75413)

_____ Band I/Color Guard (76713), II/CG (76723), III/CG (76733), IV/CG (76743)

_____ Choir I (78153), II (78253), III (78353), IV (78453)

_____ Orchestra I (77143), II (77243), III (77343), IV (77443)

_____ AP Music Theory (79153)

Theatre

_____ Theatre Arts I (74123), II (74223), III (74323), IV (74423)

_____ Technical Theatre I (73923), II (74023), III (74033), IV (74043)

_____ Theatre Production I (74723), II (74823), III (74923), IV (75023)

Floral Design _____ 93133 (*Grades 10-12 only*); required prerequisite or concurrent enrollment in Principles of Ag

Physical Education

(or PE substitution)

- 1 credit required
- Can be taken in 9th, 10th, 11th, or 12th grade
- May earn a maximum of 2 credits in PE towards graduation
- May earn up to 4 credits of PE in Athletics or PE Substitutes towards graduations





**Let's Review
&
Complete the
4-Year Plan!**

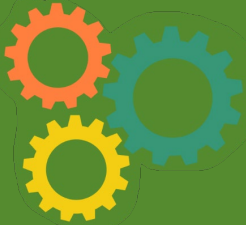
Endorsements & Programs of Study



Endorsements

Students can choose from 5 Endorsement areas:

STEM



Business &
Industry



Public
Services



Arts &
Humanities



Multidisciplin
ary Studies



(Student Booklet – pages 12-13)

Programs of Study

AGRICULTURE, FOOD, & NATURAL RESOURCES

AG 1 – Animal Science



9TH GRADE
Principles of Agriculture (1)
Quality Counts Verification

10TH GRADE
Small Animal Mgmt (0.5) & Equine Sci (0.5)
Fear Free Vet, *Equine Mgmt & Eval
OR

Livestock Production (1)
TX BQA, *Fundamentals of Animal Sci

11TH GRADE
*Vet Med Applications (1)
*Vet Med Appl Cert, *Cert Vet Assist 1
OR

Livestock Production (1)
TX BQA, *Fundamentals of Animal Sci

12TH GRADE
*Advanced Animal Science K (1-sci)
OR
*Practicum in Agriculture (2)
Certified Vet Assistant 2

POTENTIAL OCCUPATIONS

Certified Vet Assistant
\$15 per hour

Animal Breeder
\$39,139

Animal Scientist
\$57,533

Zoologist
\$67,309

Veterinarian
\$93,496

AG 2 – Plant Science



9TH GRADE
Principles of Agriculture (1)
Quality Counts Verification

10TH GRADE
Greenhouse Operation & Production (1)
OR
Floral Design (1-fine arts)
*TSFA Knowledge Based Floral Cert.
*TSFA Level I Floral Certification

11TH GRADE
*Advanced Plant & Soil Science K (1-sci)
*BASf Plant Science Certification
OR

*Advanced Floral Design (1)
*TSFA Level II Floral Certification

12TH GRADE
*Capstone - Plant Science (1)
*BENZ Principles of Floral Design
OR
*Practicum in Agriculture (2)

POTENTIAL OCCUPATIONS

Soil & Plant Scientist
\$65,370

Biological Technician
\$42,931

Floral Designer
\$31,630

Landscaping Supervisor
\$44,408

AG 3 – Agricultural Technology & Mechanical Systems



9TH GRADE
Principles of Agriculture (1)
Quality Counts Verification

10TH GRADE
Ag Mechanics (1)
OSHA-10hr
*AWS D9.1 Sheet Metal Welding

11TH GRADE
*Ag Equipment (1)
*AWS D1.1 Structural Steel

12TH GRADE
*Capstone - Ag Mech (1)
*Additional AWS
*Practicum in Agriculture (2)
*Additional AWS

POTENTIAL OCCUPATIONS

Small Engine Mechanic
\$32,406

Welder
\$50,648

Farm Equipment Mechanic
\$39,915

Heavy Equipment Mechanic
\$47,299

Agricultural Engineer
\$64,792

AG 4 – Environmental & Natural Res



9TH GRADE
Principles of Agriculture (1)
Quality Counts Verification

10TH GRADE
Wildlife, Fisheries & Ecology Mgmt (1)
Hunter Safety
Boater Safety
Angler Safety

11TH GRADE
Forestry & Woodland Ecosystems (1)
*Ducks Unlimited

12TH GRADE
*Range Ecology Mgmt (1)
OR
*Practicum in Agriculture (2)

POTENTIAL OCCUPATIONS

Environmental Sci & Protection Tech
\$40,268

Environmental Scientists
\$77,896

Environmental Engineer
\$86,757

Zoologists & Wildlife Biologist
\$67,309

Surveying & Mapping Technician
\$44,070

Programs of Study are a coherent sequence of CTE courses, industry-based certifications, & work-based learning designed to ensure students are prepared for in-demand, high-skill, high-wage careers. They also support the completion of an endorsement.

Now...

1. Select your Endorsement(s)
(example: Business & Industry / Ag, Food & Natural Resources)
2. Choose an Option or Program of Study
(example: Ag1 – Animal Science)
3. Use the list of courses provided to make your selections for each year
4. Add these courses to your 4-Year Plan

Agriculture, Food and Natural Resources Endorsement: Business & Industry

AG 1 – Animal Science



9TH GRADE
Principles of Agriculture (1)
Quality Counts Verification

10TH GRADE
Small Animal Mgmt (0.5) & Equine Sci (0.5)
*Fear Free Vet, *Equine Mgmt & Eval*
OR
Livestock Production (1)
*TX BQA, *Fundamentals of Animal Sci*

11TH GRADE
***Vet Med Applications (1)**
**Vet Med Appl Cert, *Cert Vet Assist 1*
OR
Livestock Production (1)
*TX BQA, *Fundamentals of Animal Sci*

12TH GRADE
***Advanced Animal Science K (1-sci)**
OR
***Practicum in Agriculture (2)**
Certified Vet Assistant 2

POTENTIAL OCCUPATIONS

Certified Vet Assistant
\$15 per hour

Animal Breeder
\$39,139

Animal Scientist
\$57,533

Zoologist
\$67,309

Veterinarian
\$93,496

Complete & Check Your 4-Year Plan

- Indicate **Career Goal**, **Endorsement**, & **Program of Study**
- List High School credits earned in Middle School (*see Student Booklet – page 51*)
- Circle or fill in course names, levels, & course #'s for required courses listed
- Add semester course to go with PACE, LOTE, Fine Arts, & PE requirements
- Add Endorsement/Program of Study courses & course #'s
- List Alternate Electives for 9th Grade (1st & 2nd choice)

♦ Cypress-Fairbanks ISD ♦
High School Four-Year Plan – Foundation High School Program + Endorsement

Students who enter the ninth grade in the fall of 2026 and thereafter will be required to take .5 credit of Government and .5 credit of Personal Financial Literacy to meet the graduation requirement. Economics is no longer required for graduation.

Graduation Plans for the class of 2029 and Beyond

Discipline	Foundation	+Endorsement(s)	Distinguished Level of Achievement Credits
	Credits	Credits	
English	4		
PACE (1/2)	½		
Math	3	1	Incl. Algebra II
Science	3	1	
Social Studies	3		
LOTE/Foreign Language	2		
Fine Arts	1		
PE (1)	1		
Electives/Endorsement Courses	4.5	2	
Total Credits for Graduation	22	26	26

Name _____
 Student ID _____
 Current Campus _____
 Next Year Campus _____

SUBJECT	Current Course/Level (circle)	Desired High School Level (circle)
Language Arts	<input type="checkbox"/> On-level <input type="checkbox"/> K-level <input type="checkbox"/> Horizons	<input type="checkbox"/> On-level <input type="checkbox"/> K-level <input type="checkbox"/> Horizons <input type="checkbox"/> AP <input type="checkbox"/> Dual Credit
Math	<input type="checkbox"/> On-level <input type="checkbox"/> K-level <input type="checkbox"/> Horizons	<input type="checkbox"/> On-level <input type="checkbox"/> K-level <input type="checkbox"/> Horizons <input type="checkbox"/> AP <input type="checkbox"/> Dual Credit
Science	<input type="checkbox"/> On-level <input type="checkbox"/> K-level <input type="checkbox"/> Horizons	<input type="checkbox"/> On-level <input type="checkbox"/> K-level <input type="checkbox"/> Horizons <input type="checkbox"/> AP <input type="checkbox"/> Dual Credit
History	<input type="checkbox"/> On-level <input type="checkbox"/> K-level <input type="checkbox"/> Horizons	<input type="checkbox"/> On-level <input type="checkbox"/> K-level <input type="checkbox"/> Horizons <input type="checkbox"/> AP <input type="checkbox"/> Dual Credit

CAREER GOAL: _____

ENDORSEMENT	OPTION	PROGRAM OF STUDY (if applicable)

➢ High School Credits earned in Middle School: _____
 ➢ Programs in which you plan to participate (Sports, Fine Arts, etc.): _____

Pds	9 th Grade	10 th Grade	11 th Grade	12 th Grade
1	<input type="checkbox"/> English I – 01123 <input type="checkbox"/> English I K - 01013 <input type="checkbox"/> English I H - 01063	<input type="checkbox"/> English II - 02123 <input type="checkbox"/> English II K - 02013 <input type="checkbox"/> English II H - 02063	<input type="checkbox"/> English III - 03123 <input type="checkbox"/> English III K - 03013 <input type="checkbox"/> English III K/DC - 03063 <input type="checkbox"/> English III H/DC - 03093 <input type="checkbox"/> English III AP - 03053 <input type="checkbox"/> English III H/AP - 03063	<input type="checkbox"/> English IV - 04123 <input type="checkbox"/> English IV K - 04013 <input type="checkbox"/> English IV K/DC - 04023 (1301/1302 Lone Star) <input type="checkbox"/> English IV AP - 04043 <input type="checkbox"/> English IV H/AP - 04063 <input type="checkbox"/> English IV AP/DC - 04053 (2322/2323 Lone Star) <input type="checkbox"/> English IV H/AP/DC - 40473 (2322/2323 Lone Star)
2	Math: Level _____ Course # _____	Math: Level _____ Course # _____	Math: Level _____ Course # _____	Math: Level _____ Course # _____
3	Biology – 31123 <input type="checkbox"/> Biology K – 31013 <input type="checkbox"/> Biology H - 31063 <input type="checkbox"/>	Science: Level _____ Course # _____	Science: Level _____ Course # _____	Science: Level _____ Course # _____
4	(World History/Geography/or Elective) (Course #) _____	(World History/Geography/or Elective) (Course #) _____	<input type="checkbox"/> US History – 10123 <input type="checkbox"/> US History K – 10313 <input type="checkbox"/> US History AP – 10353 <input type="checkbox"/> US History H/AP - 10363 <input type="checkbox"/> US History DC - 10253 <input type="checkbox"/> US History H/DC - 10263	<input type="checkbox"/> Gov't - 14120 <input type="checkbox"/> Gov't K-14210 <input type="checkbox"/> Gov't DC-14550 <input type="checkbox"/> Gov't H/DC-14560 <input type="checkbox"/> Gov't AP-14250 <input type="checkbox"/> Gov't H/AP-14260 <input type="checkbox"/> PFL + Eco -15210 <input type="checkbox"/> Eco K-15010 <input type="checkbox"/> Macro Eco AP-15050 <input type="checkbox"/> Macro Eco H/AP-15060 <input type="checkbox"/> Macro Eco AP/DC-15070 <input type="checkbox"/> Macro Eco H/AP/DC-15080
5	PACE (½) _____ (½) Course # 00120 (Course #) _____	(Course #) _____	(Course #) _____	(Course #) _____
6	(Course #) _____	(Course #) _____	(Course #) _____	(Course #) _____
7	(Course #) _____	(Course #) _____	(Course #) _____	(Course #) _____

Alternate Electives for 9th Grade: 1. _____ 2. _____
 Parent Signature _____ Date _____