

Your Pathway to Success
THE POWER OF
CH  **ICE**

Klein ISD
Intermediate
Course Catalog
2026-2027



Introduction

English

Math

Science

Social
Studies

Foreign
Language

PE

Fine Arts

CTE

Other

High
School

Supports

Course Fees

Table of Contents

<u>Introduction</u>	3
<u>English Language Arts</u>	6
<u>Mathematics</u>	12
<u>Science</u>	20
<u>Social Studies</u>	25
<u>Languages Other Than English</u>	29
<u>Physical Education</u>	33
<u>Fine Arts</u>	35
<u>Career and Technical Education</u>	40
<u>Other Electives</u>	43
<u>High School Courses & Graduation Requirements</u>	45
<u>Student Support Services</u>	47
<u>Course Fees</u>	49

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees

For additional information, please visit programs.kleinisd.net



Introduction to Intermediate

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



This course selection guide has been prepared to provide a source of information concerning the educational opportunities available at Klein ISD intermediate schools. It is a guide to be used by students, parents and guidance personnel when planning the student's school program. NOTE: All courses are not offered on all campuses.

6TH GRADE Required	7TH GRADE Required	8TH GRADE Required
<ol style="list-style-type: none"> 1. English (1 unit) 2. Reading (1 unit) 3. Mathematics (1 unit) 4. Science (1 unit) 5. Social Studies (1 unit) 6. Physical Education (1 unit) 7. Fine Arts Elective (1 unit) <p>Total Units = 7</p>	<ol style="list-style-type: none"> 1. English (1 unit) 2. Mathematics (1 unit) 3. Science (1 unit) 4. Social Studies (1 unit) 5. Physical Education (1 unit) 6. Elective (1 unit) 7. Elective (1 unit) <p>Total Units = 7</p>	<ol style="list-style-type: none"> 1. English (1 unit) 2. Mathematics (1 unit) 3. Science (1 unit) 4. Social Studies (1 unit) 5. Elective (1 unit) 6. Elective (1 unit) 7. Elective (1 unit) <p>Total Units = 7</p>

Power Reading is for students who did not make satisfactory performance on the reading portion of the state-mandated test in grades 5, 6, and 7 and may replace 1-unit elective.

Power Math is for students who did not make satisfactory performance on the mathematics portion of the state-mandated test in grades 5, 6, and 7 and may replace 1-unit elective.

Art 1, 8+ (HS) (FA)	Path 1 - College and Career Readiness (HS) 8th grade
Art, Beginning 6 (FA)	Physical Education 6, 7, or 8
Art, Introductory 7, or 8 (FA)	Pre Athletics, 6
Art, Intermediate 7, or 8+ (FA)	P.E. Athletics Boys/Girls 7 or 8
Art Advanced 8+ (FA)	Power Math 6, 7, 8 +
Band 6, 7, or 8 (FA)	Power Reading 7+, or 8+
Choir 6, 7, or 8 (FA)	Principles of Applied Engineering 7 or 8 (HS) (1.0)
Career & College Exploration 7 or 8	Principles of Business, Marketing & Finance 7 or 8 (HS)(1.0)
Communication Application 8 (HS) (.5)	Principles of Exercise Science & Wellness 8 (1.0)
Digital Design and Media Production 7 or 8 (HS) (1.0)	Principles of Human Services 7 or 8 (HS) (1.0)
Exploratory Languages 7, or 8	Reading Elective 7+ or 8+
French I, 7 or 8+ (HS) (1.0)	Spanish I, 7 or 8 (HS) (1.0)
French II, 8+ (HS) (.1.0)	Spanish II, 8+ (HS) (1.0)
Fundamentals of Computer Science 7 or 8 (1.0)	Theatre Arts Beginning 6 (FA)
Health 8 (HS) (.5)	Theatre Arts Introductory 7, or 8 (FA)
Orchestra 6, 7, or 8 (FA)	Theatre Arts Intermediate 7+ or 8+ (FA)
Office Aide 7, or 8 + (L)	Theatre Arts Advanced 8+ (FA)
Off Campus P.E. 6, 7, 8+	Intro to Theatre Tech Level 1 7 or 8 (FA)
Path – Next Step 6, or 7	

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees

FA=Fine Arts L=Local Elective HS=High School Credit +=Additional Requirements
Sem=One Semester Elective

NOTES:

- (1) One year of Physical Education/Athletics must be taken in grade 6 and either grade 7 or grade 8 giving the student a total of 2 PE units. Only one PE/Athletic course may be taken in a school year.
- (2) A fine arts course must be taken in grades 6, 7, or 8
- (3) High School courses will be given high school credit but grade point values earned will not be included in the student's high school class rank. One semester HS credit is denoted by .5.
- (4) Courses not indicated by (Sem), one semester course, are automatically year long, or a 1.0 course.



English Language Arts

Introduction

English

Math

Science

Social
Studies

Foreign
Language

PE

Fine Arts

CTE

Other

High
School

Supports

Course Fees



English

ENGLISH LANGUAGE ARTS, REGULAR BLOCK

KISD # 6000

Grades: 6 2 Semesters

Prerequisite: None

This integrated reading/ English language arts course is scheduled in a two-period instructional time block. Course content includes the following: (1) developing skill in attending to, responding to, and analyzing oral communications; (2) developing fluency in speaking to accomplish a variety of purposes such as informing, expressing, persuading, and entertaining; (3) using word attack skills to decode written language; (4) developing vocabulary to understand written material; (5) using comprehension skills to gain meaning from various types of reading materials; (6) applying reading skills to a variety of practical situations; (7) developing literary appreciation skills to provide personal reading enjoyment; (8) using a variety of techniques to select topics and to generate material to write about those topics; (9) developing skill in writing effectively for a variety of purposes, modes, and audiences; (10) applying the conventions of writing to produce effective communications; and (11) developing skill in using the grammar of English for effective oral and written communication. The course is scheduled in a two-period block of instructional time.

ENGLISH LANGUAGE ARTS FOR NEWCOMERS

KISD # 6000S

Grades: 6 2 Semesters

Prerequisite: Enrolled in ESL Program

This course, designed for sixth-grade Emergent Bilingual students, provides a differentiated curriculum based on the Texas Essential Knowledge and Skills developed for sixth grade English language arts. This course is designed to meet the needs of state category 1 and 2 Emergent Bilingual students who have been enrolled in U.S. schools 3 years or less. Students enrolled in this course should also be scheduled in the ELDA 6 Foundations course. Course content includes the following: (1) developing skill in attending to, responding to, and analyzing oral communications; (2) developing fluency in speaking to accomplish a variety of purposes such as informing, expressing, persuading, and entertaining; (3) using word attack skills to decode written language; (4) developing vocabulary to understand written material; (5) using comprehension skills to gain meaning from various types of reading materials; (6) applying reading skills to a variety of practical situations; (7) developing literary appreciation skills to provide personal reading enjoyment; (8) using a variety of techniques to select topics and to generate material to write about those topics; (9) developing skill in writing effectively for a variety of purposes, modes, and audiences; (10) applying the conventions of writing to produce effective communications; and (11) developing skill in using the grammar of English for effective oral and written communication.

ELDA 6 Foundations

KISD #

Grades: 6 2 Semesters

Prerequisite: Enrolled in ESL Program

English Language Development and Acquisition (ELDA 6 Foundations) is designed to provide instructional opportunities for secondary newcomer students with little or no English proficiency. These students have scored at the negligible/very limited academic language level of the state-approved English oral language proficiency tests. This course enables students to become increasingly more proficient in English in all four language domains. It addresses cognitive, linguistic, and affective needs, while validating a student's native language and culture. The course must be taken concurrently with a corequisite language arts and reading course. The recommended corequisite is ELA 6 Newcomer, though the course may be paired with other state-approved English or Spanish language arts and reading courses as appropriate.

ENGLISH LANGUAGE ARTS, POWER READING BLOCK

KISD # 6050

Grades: 6 2 Semesters

Prerequisite: Meets District Guidelines

This integrated English language arts/Reading block is designed to instruct the non-proficient reader who has had difficulty in learning to read as demonstrated through factors such as the inability to make satisfactory performance criteria on the state-mandated test. Specific instructional strategies and methodology provide the student with a learning path that targets specific reading skills. The course content blends the required Texas Essential Knowledge and Skills for sixth grade English language arts with concepts from balanced literacy, Readers Workshop and guided reading to create an environment where students' individual deficits are met and growth is regularly measured. The course is scheduled in a two-period block of instructional time. English learners who are state category 1 and 2 and who have been enrolled in U.S. schools 3 years or less should receive instructional services through the English Language Arts Sheltered Instruction course.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



ENGLISH LANGUAGE ARTS, READING BLOCK FOR DYSLEXIA

KISD # 6000D

Grades: 6 2 Semesters

Prerequisite: Meets District Guidelines

This integrated English language arts/Reading block is designed to instruct non-proficient readers who have been identified as dyslexic. Specific instructional strategies and methodology provide the student with a learning path that targets specific reading skills. The course content blends the required Texas Essential Knowledge and Skills for sixth grade English language arts with concepts from balanced literacy, Readers Workshop and guided reading to create an environment where students' individual deficits are met and growth is regularly measured.

ENGLISH LANGUAGE ARTS, Klein Prep (KP) BLOCK

KISD # 6001

Grades: 6 2 Semesters

Prerequisite: Klein Prep (KP) Guidelines Recommended

This advanced course, designed for sixth-grade students who excel in the English language arts, provides a differentiated curriculum based on the Texas Essential Knowledge and Skills developed for sixth grade English language arts. Emphasis is placed on greater depth of study in each of the course strands as well as on the development and expansion of higher-level, critical thinking skills. The course is scheduled in a two-period block of instructional time.

ENGLISH LANGUAGE ARTS, Klein Prep (KP) GIFTED/TALENTED BLOCK

KISD # 6008

Grades: 6 2 Semesters

Prerequisite: Meets District Guidelines

This advanced course, designed for students who have been identified for gifted/talented students in STEM, (Math & Science only) and as having high academic potential across content areas, includes instruction based on the goals and students expectations included in the Texas Essential Knowledge and Skills for sixth grade English language arts. In addition, it emphasizes the connections among subject areas through a thematic approach to content. Emphasis is placed on the development of higher level thinking skills and demonstration of mastery of content in a variety of ways, including products derived from open-ended assignments. The course is scheduled in a two-period block of time. Gifted/talented students receive instructional services through the KP/GT course.

ENGLISH LANGUAGE ARTS HUMANITIES, Klein Prep (KP) GIFTED/TALENTED BLOCK

KISD # 6009GT

Grades: 6 2 Semesters

Prerequisite: Meets District Guidelines

This advanced course, designed for students who have been identified for gifted/talented program services in Humanities (ELA/SS) or all content areas (ELA/SS/M/Sci) and as having high academic potential across content areas, includes instruction based on the goals and students expectations included in the Texas Essential Knowledge and Skills for sixth grade English language arts. This course will offer students a rigorous curriculum, meant to challenge and empower our most advanced learners. They will be exposed to a wide range of demanding texts both in and outside of class, with a focus on classic literature. This course is "Socratic and creative" in nature. It focuses on grammar, vocabulary, writing, poetry and literary analysis. Discussion and discourse will be the norm for this course. This course is designed to meet the needs of gifted/ advanced learners to prepare them for Advanced Placement courses in high school that will allow them to be better prepared for college.

ENGLISH LANGUAGE ARTS

KISD # 7000

Grades: 7 2 Semesters

Prerequisite: Language Arts 6

This integrated reading/ English language arts course includes instruction that is based on the Texas Essential Knowledge and Skills developed for seventh grade English language arts. Instruction is focused on five strands that include the following: reading, writing, oral and written conventions, research, and listening and speaking. Instruction is delivered on grade level, and strong emphasis is placed on the development of writing skills and individual style and voice.

GRADE 7, ENGLISH LEARNERS LANGUAGE ARTS (ELLA)

KISD # 7101

Grades: 7 2 Semesters

Prerequisite: Enrolled in ESL Program

This course will cover the essential elements of Grade 7 English Language Arts and Reading with an emphasis on a variety of methods and strategies focusing on the acceleration of language acquisition and content. This course is designated to meet the needs of state category 1 and 2 Emergent Bilingual students who have been enrolled in U.S. schools for 3 years or less. English Learners Language Arts (ELLA), Grade 7 may be substituted for English Language Arts and Reading, Grade 7. This integrated reading/ English language arts course includes instruction that is based on the Texas Essential Knowledge and Skills developed for seventh grade English language arts. Instruction is focused on five strands that include the following: reading, writing, oral and written conventions, research, and listening and speaking. This course should be paired with English Language Development and Acquisition (ELDA) for seventh grade.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION 1 (ELDA 1)

KISD # 7102

Grades: 7-8

2 Semesters

Prerequisite: Enrolled in ESL Program

English Language Development and Acquisition (ELDA) is designed to provide instructional opportunities for secondary newcomer students with little or no English proficiency. These students have scored at the negligible/very limited academic language level of the state-approved English oral language proficiency tests. This course enables students to become increasingly more proficient in English in all four language domains. It addresses cognitive, linguistic, and affective needs, while validating a student's native language and culture. The course must be taken concurrently with a corequisite language arts and reading course. The recommended corequisite is ELLA, though the course may be paired with other state-approved English or Spanish language arts and reading courses as appropriate. Students who successfully complete the ELDA course in grades 7-8 will receive state elective credit.

ENGLISH LANGUAGE ARTS, Klein Prep (KP)

KISD # 7001

Grades: 7

2 Semesters

Prerequisite: Language Arts 6

This advanced course, designed for seventh-grade students who excel in English language arts, provides a differentiated curriculum based on the Texas Essential Knowledge and Skills outlined for seventh grade English language arts. Emphasis is placed on greater depth of study in each of the five instructional strands (reading, writing, oral and written conventions, research, and listening and speaking) as well as on the development and expansion of higher-level, critical thinking skills. This rigorous course places emphasis on the development of writing skills that include individual voice and style.

ENGLISH LANGUAGE ARTS, Klein Prep (KP) GIFTED AND TALENTED

KISD # 7008

Grades: 7

2 Semesters

Prerequisite: Meets district guidelines

This advanced course, designed for students who have been identified as having high academic potential across content areas, includes instruction based on the goals and student's expectations included in the Texas Essential Knowledge and Skills for seventh grade English language arts. In addition, it emphasizes the connections among subject areas through a thematic approach to content. Emphasis is placed on the development of higher-level thinking skills and demonstration of mastery of content in a variety of ways, including products derived from open-ended assignments. This course places emphasis on the development of writing skills that include individual voice and style. Gifted and Talented students receive instructional services through the Klein Prep (KP)/GT course.

ENGLISH LANGUAGE ARTS HUMANITIES, Klein Prep (KP) GIFTED/TALENTED

KISD # 7009GT

Grades: 7

2 Semesters

Prerequisite: Meets District Guidelines

This advanced course, designed for students who have been identified for gifted/talented program services in Humanities (ELA/SS) or all content areas (ELA/SS/M/Sci) and as having high academic potential across content areas, includes instruction based on the goals and students expectations included in the Texas Essential Knowledge and Skills for seventh grade English language arts. This course will offer students a rigorous curriculum, meant to challenge and empower our most advanced learners. They will be exposed to a wide range of demanding texts both in and outside of class, with a focus on classic literature. This course is "Socratic and creative" in nature. It focuses on grammar, vocabulary, writing, poetry and literary analysis. Discussion and discourse will be the norm for this course. This course is designed to meet the needs of gifted/advanced learners to prepare them for Duke TIP programs and Advanced Placement courses in high school that will allow them to be better prepared for college.

GRADE 8, ENGLISH LANGUAGE ARTS

KISD # 8000

Grades: 8

2 Semesters

Prerequisite: English Language Arts 7

This integrated reading/ English language arts course includes instruction that is based on the Texas Essential Knowledge and Skills developed for eighth grade English language arts. Instruction is focused on five strands that include the following: reading, writing, oral and written conventions, research, and listening and speaking. Instruction is delivered on grade level, and strong emphasis is placed on critical reading skills and the development of writing skills, including the ability to respond effectively when writing both short responses and essays.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



GRADE 8, ENGLISH LEARNERS LANGUAGE ARTS (ELLA)

KISD # 8101

Grades: 8 2 Semesters

Prerequisite: Enrolled in ESL Program

This course will cover the essential elements of Grade 8 English Language Arts and Reading with an emphasis on a variety of methods and strategies focusing on the acceleration of language acquisition and content. This course is designated to meet the needs of state category 1 and 2 Emergent Bilingual students who have been enrolled in U.S. schools for 3 years or less. English Learners Language Arts (ELLA), Grade 8 may be substituted for English Language Arts and Reading, Grade 8. This integrated reading/ English language arts course includes instruction that is based on the Texas Essential Knowledge and Skills developed for eighth grade English language arts. Instruction is focused on five strands that include the following: reading, writing, oral and written conventions, research, and listening and speaking. This course should be paired with English Language Development and Acquisition (ELDA) for eighth grade.

ENGLISH LANGUAGE DEVELOPMENT AND ACQUISITION 2 (ELDA 2)

KISD # 8102

Grades: 7-8 2 Semesters

Prerequisite: Enrolled in ESL Program

English Language Development and Acquisition (ELDA) is designed to provide instructional opportunities for secondary newcomer students with little or no English proficiency. These students have scored at the negligible/very limited academic language level of the state-approved English oral language proficiency tests. This course enables students to become increasingly more proficient in English in all four language domains. It addresses cognitive, linguistic, and affective needs, while validating a student's native language and culture.

The course must be taken concurrently with a corequisite language arts and reading course. The recommended corequisite is ELLA, though the course may be paired with other state-approved English or Spanish language arts and reading courses as appropriate. Students who successfully complete the ELDA course in grades 7-8 will receive state elective credit.

GRADE 8, ENGLISH LANGUAGE ARTS, Klein Prep (KP)

KISD # 8001

Grades: 8 2 Semesters

Prerequisite: English Language Arts 7

This advanced course, designed for eighth grade students who excel in English language arts, provides a differentiated curriculum based on the Texas Essential Knowledge and Skills outlined for eighth grade English language arts. Emphasis is placed on greater depth of study in each of the five instructional strands (reading, writing, oral and written conventions research, and listening and speaking) as well as on the development and expansion of higher-level, critical thinking skills. This rigorous course places emphasis on the development of critical reading skills and writing skills that include the ability to respond effectively in both short answers and essays.

GRADE 8, ENGLISH LANGUAGE ARTS, Klein Prep (KP) GIFTED/TALENTED

KISD # 8008

Grades: 8 2 Semesters

Prerequisite: Meets district guidelines

This advanced and rigorous course, designed for students who have been identified as having high academic potential across content areas, includes instruction based on the goals and student's expectations included in the Texas Essential Knowledge and Skills for eighth grade English language arts. In addition, it emphasizes the connections among subject areas through a thematic approach to content. Emphasis is placed on the development of higher level thinking skills and demonstration of mastery of content in a variety of ways, including products derived from open-ended assignments. This course places emphasis on the development of critical reading skills and writing skills that include the ability to respond effectively in both short answers and essays. Gifted and Talented students receive instructional services through the Klein Prep (KP) /GT course.

ENGLISH LANGUAGE ARTS HUMANITIES, Klein Prep (KP) GIFTED/TALENTED

KISD # 8009GT

Grades: 2 Semesters

Prerequisite: Meets District Guidelines

This advanced course, designed for students who have been identified for gifted/talented program services in Humanities (ELA/SS) or all content areas (ELA/SS/M/Sci) and as having high academic potential across content areas, includes instruction based on the goals and students expectations included in the Texas Essential Knowledge and Skills for eighth grade English language arts. This course will offer students a rigorous curriculum, meant to challenge and empower our most advanced learners. They will be exposed to a wide range of demanding texts both in and outside of class, with a focus on classic literature. This course is "Socratic and creative" in nature. It focuses on grammar, vocabulary, writing, poetry and literary analysis. Discussion and discourse will be the norm for this course. This course is designed to meet the needs of gifted/ advanced learners to prepare them for Advanced Placement courses in high school that will allow them to be better prepared for college.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Additional Course

READING LANGUAGE ARTS FOR DYSLEXIA STUDENTS

KISD # 6000D, 7000D, 8000D

Grades: 7, 8

2 Semesters

Prerequisite:

Meets district guidelines

This integrated reading/English language arts course is designed to instruct non-proficient readers who have been identified as dyslexic. This is a comprehensive literacy curriculum that provides effective, explicit, sequential, linguistically logical and systematic instruction for struggling readers, writers, speakers, and spellers. The course content blends the required Texas Essential Knowledge and Skills for English language arts with reading skills that include practice in developing more proficient fluency, comprehension, vocabulary, word recognition, spelling, speaking and writing skills. This course meets state guidelines for dyslexia intervention.

POWER READING

KISD # 7050/8050

Grades: 7, 8

2 Semesters

Prerequisite:

Meets district guidelines

Power Reading offers targeted reading intervention instruction designed to improve reading comprehension, fluency, and study skills for students who failed to meet the standard of performance on the state-mandated test. Instruction is based on the Texas Essential Knowledge and Skills developed for Reading Improvement and focuses on the following: use of a variety of word recognition strategies; vocabulary development through reading and systematic word study; reading with fluency and understanding in increasingly demanding texts; and comprehension strategies and skills to gain meaning from whatever is read. This course is designed to address concepts from balanced literacy, Readers Workshop, and guided reading to create an environment where students' individual deficits are met and growth is regularly measured. English learners who are state category 1 and 2 and who have been enrolled in U.S. schools 3 years or less should receive instructional services through the English Learners Language Arts (ELLA) course.

COMMUNICATION APPLICATIONS

KISD # 0189

Grades: 8

1 semester/0.5 High School Credit

Prerequisite:

None

Students enrolled in Communication Applications will be expected to identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations. The course emphasizes the application of verbal and nonverbal skills and critical-thinking and problem-solving processes.

6th Grade Spanish Language Arts and Reading (SLAR) – Dual Language Immersion

KISD #

Grades: 6

Prerequisite:

Enrollment in the Dual Language Immersion Program.

This course follows the Texas Essential Knowledge and Skills (TEKS) for Spanish Language Arts and Reading and is designed for students continuing in the Dual Language Immersion program. Students develop advanced literacy skills in Spanish through reading, writing, listening, and speaking while engaging with a variety of literary and informational texts. Taken in conjunction with 6th Grade Social Studies in Spanish, this course supports continued growth toward biliteracy and academic success in both languages.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Mathematics

Introduction

English

Math

Science

Social
Studies

Foreign
Language

PE

Fine Arts

CTE

Other

High
School

Supports

Course Fees



Math

GRADE 6 MATHEMATICS

KISD #: 6200

Grades: 6 2 Semesters

Prerequisite: Grade 5 Math

Students will study operations (addition, subtraction, multiplication, and division) with integers and positive rational numbers to solve problems. Students will use their knowledge of multiplication and division of fractions to study ratios and rates. Proportionality will also be studied extending their understanding of equivalent fractions and equivalent ratios to solve problems involving proportional relationships. Students will model and solve one-step equations and inequalities. Students will develop an understanding of data representation by studying center, spread and shape to summarize data sets. In addition, students will organize and display data to pose and solve problems. Students will extend their knowledge of volume with rectangular prisms and area. Emphasis will be placed on problem solving through mathematical process standards.

GRADE 6 MATHEMATICS, SHELTERED INSTRUCTION

KISD # 6250

Grades: 6 2 Semesters

Prerequisite: Grade 5 Math Enrolled in ESL Program

This course will cover the essential elements of Grade 6 math with an emphasis on a variety of methods and strategies focusing on the acceleration of language acquisition and content. This course is designed to meet the needs of state category 1 and 2 English learners and who have been enrolled in U.S. schools 3 years or less.

Students will study operations (addition, subtraction, multiplication, and division) with integers and positive rational numbers to solve problems. Students will use their knowledge of multiplication and division of fractions to study ratios and rates. Proportionality will also be studied extending their understanding of equivalent fractions and equivalent ratios to solve problems involving proportional relationships. Students will model and solve one-step equations and inequalities. Students will develop an understanding of data representation by studying center, spread and shape to summarize data sets. In addition, students will organize and display data to pose and solve problems. Students will extend their knowledge of volume with rectangular prisms and area. Emphasis will be placed on problem solving through mathematical process standards.

GRADE 6 MATHEMATICS, Advanced (Covers Grade 6 TEKS and selected Grade 7 TEKS prepares students for the completion of Algebra 1 Klein Prep (KP) in Grade 8)

KISD #: 6201

Grades: 6 2 Semesters

Prerequisite: Grade 5 Math Meets Advanced Guidelines

This course is for students who are highly motivated and interested in a rigorous math program. Grade 6 Advanced math covers Grade 6 TEKS and selected Grade 7 TEKS.

Grade 6 Advanced mathematics includes a compacted study of topics in both regular sixth and seventh grade courses. Emphasis will be placed on problem solving through mathematical process standards. This course will include the appropriate use of graphing technology.

Students will study operations (addition, subtraction, multiplication, and division) with integers and rational numbers to solve problems. Students will use their knowledge of multiplication and division of fractions to study ratios and rates. Proportionality will also be studied extending their understanding of equivalent fractions and equivalent ratios to solve problems involving proportional relationships. Students will use expressions and equations to represent relationships in a variety of contexts and use mathematical symbols to represent linear relationships and formulas. Students will solve two-step equations and inequalities. Students will develop an understanding of data representation by studying center, spread and shape to summarize and compare data sets. Students will extend their learning of volume by working with prisms and pyramids and area by working with composite figures.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



GRADE 6 MATHEMATICS Advanced/GIFTED/TALENTED

(Covers Grade 6 TEKS and selected Grade 7 TEKS prepares students for the completion of Algebra 1 Klein Prep (KP) in Grade 8)

KISD #: 6208

Grades: 6 2 Semesters

Prerequisite: Grade 5 Math

Meets Advanced and District G/T Guidelines

This course is for students who are highly motivated and interested in a rigorous math program. Grade 6 Advanced math covers Grade 6 TEKS and selected Grade 7 TEKS. G/T instructional services are provided through this Advanced class.

Grade 6 Advanced mathematics includes a compacted study of topics in both regular sixth and seventh grade courses.

Emphasis will be placed on problem solving through mathematical process standards.

Students will study operations (addition, subtraction, multiplication, and division) with integers and rational numbers to solve problems. Students will use their knowledge of multiplication and division of fractions to study ratios and rates. Proportionality will also be studied extending their understanding of equivalent fractions and equivalent ratios to solve problems involving proportional relationships. Students will use expressions and equations to represent relationships in a variety of contexts and use mathematical symbols to represent linear relationships and formulas. Students will develop an understanding of data representation by studying center, spread and shape to summarize and compare data sets. In addition, students will organize and display data to pose and solve problems.

GRADE 6 MATHEMATICS, Accelerated (Covers Grade 6, 7, and 8 TEKS. Prepares students for the completion of Algebra 1 Klein Prep (KP) in Grade 7 and Geometry Klein Prep (KP) in Grade 8)

KISD #: 6209

Grades: 6 2 Semesters

Prerequisite: Grade 5 Math Meets Accelerated Guidelines

This is a fast-paced course that is more academically challenging, and requires more independent learning. Grade 6 Accelerated math covers Grade 6, 7, and 8 TEKS and is for students who have strong computational fluency, are highly motivated and interested in a rigorous math program.

Grade 6 Accelerated includes a compacted study of topics in regular sixth, seventh, and eighth grade courses. Instruction is focused on applying methods to examine and solve a variety of real-world problems as preparation for success in algebra.

Emphasis will be placed on problem solving through mathematical process standards.

Students will study rational numbers and operations. Students will develop an understanding of how operations extend across different sets of numbers and develop fluency with addition, subtraction, multiplication, and division of rational numbers and use of operations to solve problems. Students will use expressions and equations to describe relationships and solve problems, including geometric problems and the Pythagorean Theorem. Students will solve problems involving ratios, rates, proportionality, and percent. Students extend their understanding of proportionality to include representations on a coordinate plane and applications, including slope of lines. They contrast proportional relationships with relationships that are not proportional. Students will make inferences from data using representations of association, center, and variation.

GRADE 6 MATHEMATICS, Accelerated/GIFTED/TALENTED (Covers Grade 6, 7, and 8 TEKS. Prepares students for the completion of Algebra 1 Klein Prep (KP) in Grade 7 and Geometry Klein Prep (KP) in Grade 8)

KISD #: 6209GT

Grades: 6 2 Semesters

Prerequisite: Grade 5 Math

This is a fast-paced course that is more academically challenging, and requires more independent learning. Grade 6 Accelerated math covers Grade 6, 7, and 8 TEKS and is for students who have strong computational fluency, are highly motivated and interested in a rigorous math program.

Grade 6 Accelerated includes a compacted study of topics in regular sixth, seventh, and eighth grade courses. Instruction is focused on applying methods to examine and solve a variety of real-world problems as preparation for success in algebra.

Emphasis will be placed on problem solving through mathematical process standards.

Students will study rational numbers and operations. Students will develop an understanding of how operations extend across different sets of numbers and develop fluency with addition, subtraction, multiplication, and division of rational numbers and use of operations to solve problems. Students will use expressions and equations to describe relationships and solve problems, including geometric problems and the Pythagorean Theorem. Students will solve problems involving ratios, rates, proportionality, and percent. Students extend their understanding of proportionality to include representations on a coordinate plane and applications, including slope of lines. They contrast proportional relationships with relationships that are not proportional. Students will make inferences from data using representations of association, center, and variation.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



GRADE 7 MATHEMATICS

KISD #: 7200

Grades: 7 2 Semesters

Prerequisite: Grade 6 Math

Students will study rational numbers and operations. Students will develop an understanding of how operations extend across different sets of numbers and develop fluency with addition, subtraction, multiplication, and division of rational numbers and use of operations to solve problems. Students will apply their knowledge of ratios, rates, proportionality, and percent to solve problems. Students will expand on the use of expressions and equations to describe relationships in a variety of contexts, including geometric problems. Students will use their knowledge of data representation to compare and form inferences about sets of data. Emphasis will be placed on problem solving through mathematical process standards.

GRADE 7 MATHEMATICS, SHELTERED INSTRUCTION

KISD # 7250

Grades: 7 2 Semesters

Prerequisite: Grade 6 Math Enrolled in ESL Program

This course will cover the essential elements of Grade 7 math with an emphasis on a variety of methods and strategies focusing on the acceleration of language acquisition and content. This course is designed to meet the needs of state category 1 and 2 English learners and who have been enrolled in U.S. schools 3 years or less.

Students will study rational numbers and operations. Students will develop an understanding of how operations extend across different sets of numbers and develop fluency with addition, subtraction, multiplication, and division of rational numbers and use of operations to solve problems. Students will apply their knowledge of ratios, rates, proportionality, and percent to solve problems. Students will expand on the use of expressions and equations to describe relationships in a variety of contexts, including geometric problems. Students will use their knowledge of data representation to compare and form inferences about sets of data. Emphasis will be placed on problem solving through mathematical process standards.

GRADE 7 MATHEMATICS Advanced (Covers Select Grade 7 TEKS and Grade 8 TEKS prepares students for the completion of Algebra 1 Klein Prep (KP) in Grade 8)

KISD #: 7201

Grades: 7 2 Semesters

Prerequisite: Grade 6 Adv Math Meets Advanced Guidelines

This course is for students who are highly motivated and interested in a rigorous math program. Grade 7 Advanced math covers selected Grade 7 TEKS and Grade 8 TEKS.

Grade 7 Advanced mathematics includes a compacted study of topics in both regular seventh and eighth grade courses. Emphasis is placed on operations with rational numbers, algebraic reasoning and proportional relationships. Problem-solving experiences will include more depth and complexity to assure that students develop proficiency in utilizing higher order thinking to analyze and solve problem situations.

Students will study the concepts and skills associated with the understanding of the place-value system, numbers and the basic operations (addition, subtraction, multiplication, and division) with fractions and decimals. Students will study problem solving techniques, measurement concepts using both metric and customary units, exponents, properties and relationships of geometric shapes, the representation of numbers including integers on a line and pairs of numbers on a coordinate plane, probability, and the use of computing devices. Emphasis is placed on acquiring problem solving skills, fractions, understanding the properties and relationships of geometric shapes, algebraic reasoning and proportionality. This course will include the appropriate use of graphing technology.

GRADE 7 MATHEMATICS Advanced/GIFTED/TALENTED (Covers Select Grade 7 TEKS and Grade 8 TEKS prepares students for the completion of Algebra 1 Klein Prep (KP) in Grade 8)

KISD #: 7208

Grades: 7 2 Semesters

Prerequisite: Grade 6 Advanced Math

Meets Advanced and District GT Guidelines

This course is for students who are highly motivated and interested in a rigorous math program. Grade 7 Advanced math covers selected Grade 7 TEKS and Grade 8 TEKS. G/T services are provided through this Advanced class.

Grade 7 Advanced mathematics includes a compacted study of topics in both regular seventh and eighth grade courses. Emphasis is placed on operations with rational numbers, algebraic reasoning and proportional relationships. Problem-solving experiences will include more depth and complexity to assure that students develop proficiency in utilizing higher order thinking to analyze and solve problem situations.

Students will study the concepts and skills associated with the understanding of the place-value system, numbers and the basic operations (addition, subtraction, multiplication, and division) with fractions and decimals. Students will study problem solving techniques, measurement concepts using both metric and customary units, exponents, properties and relationships of geometric shapes, the representation of numbers including integers on a line and pairs of numbers on a coordinate plane, probability, and the use of computing devices. Emphasis is placed on acquiring problem solving skills, fractions, understanding the properties and relationships of geometric shapes, algebraic reasoning and proportionality. This course will include the appropriate use of graphing technology.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



GRADE 8 MATHEMATICS

KISD # 8200

Grades: 8 2 Semesters

Prerequisite: Grade 7 Math

Students will study proportional relationships and extend their understanding of proportionality to include representations on a coordinate plane and applications, including slopes of lines. They contrast proportional relationships with relationships that are not proportional. Students will continue to use expressions and equations to describe relationships and solve problems, including the Pythagorean Theorem. Students will make inferences from data using representations of association, center, and variation. Instruction is focused on applying methods to examine and solve a variety of real-world problems as preparation for success in algebra. Emphasis will be placed on problem solving through mathematical process standards. This course will include the appropriate use of graphing technology.

GRADE 8 MATHEMATICS, SHELTERED INSTRUCTION

KISD # 8250

Grades: 8 2 Semesters

Prerequisite: Grade 7 Math Enrolled in ESL Program

This course will cover the essential elements of Grade 8 math with an emphasis on a variety of methods and strategies focusing on the acceleration of language acquisition and content. This course is designed to meet the needs of state category 1 and 2 English learners and who have been enrolled in U.S. schools 3 years or less.

Students will study proportional relationships and extend their understanding of proportionality to include representations on a coordinate plane and applications, including slopes of lines. They contrast proportional relationships with relationships that are not proportional. Students will continue to use expressions and equations to describe relationships and solve problems, including the Pythagorean Theorem. Students will make inferences from data using representations of association, center, and variation. Instruction is focused on applying methods to examine and solve a variety of real-world problems as preparation for success in algebra. Emphasis will be placed on problem solving through mathematical process standards. This course will include the appropriate use of graphing technology.

ALGEBRA 1

KISD #: 0330J

Grades: 8 2 Semesters, 1 Credit

Prerequisite: Grade 7 Advanced Math

This course is for students who are highly motivated, interested in a rigorous math program and will emphasize the study of Algebra 1 concepts. A strong emphasis will be placed on critical thinking and problem solving skills. The level of instruction and curriculum will support students for future high school mathematics courses including advanced placement.

State credit earned in Algebra 1 will be recorded on the student's Academic Achievement Record (transcript) but the grade point values will not be averaged toward an overall high school class ranking. This course serves as the foundation to all upper level mathematics courses and is a requirement for graduation.

Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

ALGEBRA 1 Klein Prep (KP)

KISD # 0333QJ

Grades: 7 or 8 2 Semesters, 1 Credit

Prerequisite: Grade 6 Accelerated or Grade 7 Advanced Math

This course is for students who are highly motivated, interested in a rigorous math program and will emphasize the study of Algebra 1 concepts with extensions. A strong emphasis will be placed on critical thinking and problem solving skills. The level of instruction and curriculum is intended for preparing students for advanced placement mathematics courses. Students in Algebra 1 Klein Prep (KP) will take a final examination for the fall semester and a final examination for the spring semester.

State credit earned in Algebra 1 Klein Prep (KP) will be recorded on the student's Academic Achievement Record (transcript) but the grade point values will not be averaged toward an overall high school class ranking. This course serves as the foundation to all upper level mathematics courses and is a requirement for graduation.

Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology, specifically the graphing calculator, to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



ALGEBRA 1 Klein Prep (KP)/GIFTED/TALENTED

KISD #: 0337QJ

Grades: 7 or 8

2 Semesters, 1 Credit

Prerequisite: Grade 6 Accelerated or Grade 7 Advanced Math

Meets Advanced and District G/T Guidelines

This course is for students who are highly motivated, interested in a rigorous math program and will emphasize the study of Algebra 1 concepts with extensions. A strong emphasis will be placed on critical thinking and problem solving skills. The level of instruction and curriculum is intended for preparing gifted students for advanced placement mathematics courses. This course may require independent and guided research. G/T services are provided through the Klein Prep (KP) classes. Students in Algebra 1 Klein Prep (KP) will take a final examination for the fall semester and a final examination for the spring semester. State credit earned in Algebra 1 Klein Prep (KP) will be recorded on the student's Academic Achievement Record (transcript) but the grade point values will not be averaged toward an overall high school class ranking.

This course serves as the foundation to all upper level mathematics courses and is a requirement for graduation.

Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology, specifically the graphing calculator, to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations.

GRADE 8 GEOMETRY Klein Prep (KP)

KISD #: 0343QJ

Grades: 8

2 Semesters, 1 Credit

Prerequisite: Algebra 1 Klein Prep (KP)

Meets Advanced Guidelines

This course is for students who are highly motivated, interested in a rigorous math program and will emphasize the study of Geometry concepts with extensions. Students will extend their work with proofs to include additional theorems and alternate proof approaches. The level of instruction and curriculum is intended for preparing students for advanced placement mathematics courses. State credit earned in Geometry Klein Prep (KP) will be recorded on the student's Academic Achievement Record (transcript) but the grade point values will not be averaged toward an overall high school class ranking. This course serves as a foundational math course and is a requirement for graduation.

Students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I to strengthen their mathematical reasoning skills in geometric contexts. Within the course, students will begin to focus on more precise terminology, symbolic representations, and the development of proofs. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Students will connect previous knowledge from Algebra I to Geometry through the coordinate and transformational geometry strand. In the logical arguments and constructions strand, students are expected to create formal constructions using a straightedge and compass. Though this course is primarily Euclidean geometry, students should complete the course with an understanding that non-Euclidean geometries exist. In proof and congruence, students will use deductive reasoning to justify, prove and apply theorems about geometric figures. Throughout the standards, the term "prove" means a formal proof to be shown in a paragraph, a flow chart, or two-column formats. Proportionality is the unifying component of the similarity, proof, and trigonometry strand. Students will use their proportional reasoning skills to prove and apply theorems and solve problems in this strand. The two- and three-dimensional figure strand focuses on the application of formulas in multi-step situations since students have developed background knowledge in two- and three-dimensional figures. Using patterns to identify geometric properties, students will apply theorems about circles to determine relationships between special segments and angles in circles. Due to the emphasis of probability and statistics in the college and career readiness standards, standards dealing with probability have been added to the geometry curriculum to ensure students have proper exposure to these topics before pursuing their post-secondary education.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



GRADE 8 GEOMETRY Klein Prep (KP) / GIFTED/TALENTED

KISD #: 0343QJ

Grades: 8 2 Semesters, 1 Credit

Prerequisite: Algebra 1 Klein Prep (KP)

Meets Advanced and District G/T Guidelines

This course is for students who are highly motivated, interested in a rigorous math program and will emphasize the study of Geometry concepts with extensions. Students will extend their work with proofs to include additional theorems and alternate proof approaches. The level of instruction and curriculum is intended for preparing students for advanced placement mathematics courses. State credit earned in Geometry Klein Prep (KP) will be recorded on the student's Academic Achievement Record (transcript) but the grade point values will not be averaged toward an overall high school class ranking.

This course serves as a foundational math course and is a requirement for graduation.

Students will build on the knowledge and skills for mathematics in Kindergarten-Grade 8 and Algebra I to strengthen their mathematical reasoning skills in geometric contexts. Within the course, students will begin to focus on more precise terminology, symbolic representations, and the development of proofs. Students will explore concepts covering coordinate and transformational geometry; logical argument and constructions; proof and congruence; similarity, proof, and trigonometry; two- and three-dimensional figures; circles; and probability. Students will connect previous knowledge from Algebra I to Geometry through the coordinate and transformational geometry strand. In the logical arguments and constructions strand, students are expected to create formal constructions using a straightedge and compass. Though this course is primarily Euclidean geometry, students should complete the course with an understanding that non-Euclidean geometries exist. In proof and congruence, students will use deductive reasoning to justify, prove and apply theorems about geometric figures. Throughout the standards, the term "prove" means a formal proof to be shown in a paragraph, a flow chart, or two-column formats. Proportionality is the unifying component of the similarity, proof, and trigonometry strand. Students will use their proportional reasoning skills to prove and apply theorems and solve problems in this strand. The two- and three-dimensional figure strand focuses on the application of formulas in multi-step situations since students have developed background knowledge in two- and three-dimensional figures. Using patterns to identify geometric properties, students will apply theorems about circles to determine relationships between special segments and angles in circles. Due to the emphasis of probability and statistics in the college and career readiness standards, standards dealing with probability have been added to the geometry curriculum to ensure students have proper exposure to these topics before pursuing their post-secondary education.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Additional Course

GRADE 6 POWER MATH

KISD # 6260

Grades: 6 2 Semesters

Prerequisite: Grade 5 Math

The purpose of this course is to support the development of essential TEKS for future mathematics success. This course will strengthen foundational standards through further concept development of prior and current grade level skills in order to encourage success and academic growth for EVERY student. Filling gaps in prior learning will support students who did not make satisfactory performance on their previous state assessment and will provide a path toward future success. Topics include academic vocabulary, numerical fluency, problem solving, algebraic reasoning, proportional thinking, ratios, positive rational numbers, and data representation. English learners who are state category 1 and 2 and who have been enrolled in U.S. schools 3 years or less will receive the acceleration of language acquisition as well as content instruction.

GRADE 7 POWER MATH

KISD # 7260

Grades: 7 2 Semesters

Prerequisite: Grade 6 Math

The purpose of this course is to support the development of essential TEKS for future mathematics success. This course will strengthen foundational standards through further concept development of prior and current grade level skills in order to encourage success and academic growth for EVERY student. Filling gaps in prior learning will support students who did not make satisfactory performance on their previous state assessment and will provide a path toward future success. Topics include academic vocabulary, numerical fluency, problem solving, algebraic reasoning, proportional thinking, ratios, positive rational numbers, and data representation. English learners who are state category 1 and 2 and who have been enrolled in U.S. schools 3 years or less will receive the acceleration of language acquisition as well as content instruction.

GRADE 8 POWER MATH

KISD # 8260

Grades: 8 2 Semesters

Prerequisite: Grade 7 Math

The purpose of this course is to support the development of essential TEKS for future mathematics success. This course will strengthen foundational standards through further concept development of prior and current grade level skills in order to encourage success and academic growth for EVERY student. Filling gaps in prior learning will support students who did not make satisfactory performance on their previous state assessment and will provide a path toward future success. Topics include academic vocabulary, numerical fluency, problem solving, algebraic reasoning, proportional thinking, ratios, positive rational numbers, and data representation. English learners who are state category 1 and 2 and who have been enrolled in U.S. schools 3 years or less will receive the acceleration of language acquisition as well as content instruction.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Science

Introduction

English

Math

Science

Social
Studies

Foreign
Language

PE

Fine Arts

CTE

Other

High
School

Supports

Course Fees



Science

GRADE 6 SCIENCE

KISD # 6300

Grades: 6 2 Semesters

Prerequisite: None

Grade 6 science is interdisciplinary in nature; however, much of the content focus is on physical science. This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale.

GRADE 6 SCIENCE, Klein Prep (KP)

KISD # 6301

Grades: 6 2 Semesters

Prerequisite: KP Guidelines Recommended

This course is for the student with a high interest in science. Grade 6 science is interdisciplinary in nature; however, much of the content focus is on physical science. This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale. It is a modification and expansion of the regular class with respect to depth and complexity. Experimentation and individual student inquiry are essential components of the course. The concepts covered are similar to sixth grade science; however, the topics are investigated in greater depths.

GRADE 6 SCIENCE, Klein Prep (KP)/GT

KISD # 6308

Grades: 6 2 Semesters

Prerequisite: Meets District Guidelines

Grade 6 science is interdisciplinary in nature; however, much of the content focus is on physical science. This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale. The concepts covered are similar to sixth grade science; however, the topics are investigated in greater depth. The level of instruction/curriculum will focus on preparing the student for advanced placement courses. Gifted and Talented students are serviced through the Klein Prep KP course.

GRADE 6 SCIENCE, SHELTERED INSTRUCTION

KISD # 6350

Grades: 6 2 Semesters

Prerequisite: Enrolled in ESL Program

This course will cover the essential elements of Grade 6 science with an emphasis on a variety of methods and strategies focusing on the acceleration of language acquisition and content. This course is designated to meet the needs of state category 1 and 2 English learners and who have been enrolled in U.S. schools for 3 years or less. Grade 6 science is interdisciplinary in nature; however, much of the content focus is on physical science. This vast body of changing and increasing knowledge is described by physical, mathematical and conceptual models. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale. Emphasis is placed on vocabulary and conceptual development using instructional strategies for English learners.

GRADE 6 SCIENCE, ADVANCED

KISD # 6309

Grades: 6 2 Semesters

Prerequisite: Scores meets or masters on 5th grade Science STAAR & enrolled in Advanced/Accelerated Math

Grade 6 Advanced is the first year of a two year program that covers grades 6-8 in two years. This course will cover Earth and Space including components of the universe, structure of the Earth and weather and climate. It will also cover Matter and Energy including interactions between matter and energy, chemistry, and properties of matter. Recommend Meets/Masters on 5th grade STAAR.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



GRADE 7 SCIENCE

KISD # 7300

Grades: 7 2 Semesters

Prerequisite: None

Grade 7 science is interdisciplinary in nature; covering life, physical, and earth science. This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. Recurring themes are pervasive in sciences, mathematics, and technology. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale.

GRADE 7 SCIENCE, Klein Prep (KP)

KISD # 7301

Grades: 7 2 Semesters

Prerequisite: None

This course is for the student with a high interest in science. This course is interdisciplinary in nature; however, much of the content focus is on organisms and the environment with an emphasis on life science. This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. Recurring themes are pervasive in sciences, mathematics, and technology. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale. It is a modification and expansion of the regular class with respect to depth and complexity. Experimentation and individual student inquiry are essential components of the course. The concepts covered are similar to seventh grade science; however, the topics are investigated in greater depths.

GRADE 7 SCIENCE, Klein Prep (KP)/GT

KISD # 7308

Grades: 7 2 Semesters

Prerequisite: None

Klein Prep (KP) seventh Grade 7 science is interdisciplinary in nature; however, much of the content focus is on organisms and the environment. This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. Recurring themes are pervasive in sciences, mathematics, and technology. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale. The concepts covered are similar to seventh grade science; however, the topics are investigated in greater depth. The goal of each unit of study is to allow the students to analyze practical science problems, understand the concepts, and conduct scientific experiments. This course focuses on strategies to support abstract reasoning, problem solving, research skills and a student's active involvement in the learning process. The level of instruction/curriculum will focus on preparing the student for advanced placement courses. Gifted and Talented students are serviced through the Klein Prep (KP) course.

GRADE 7 SCIENCE, ADVANCED/GT

KISD # 7309

Grades: 7 2 Semesters

Prerequisite: Grade 6 Advanced Science, on track for Algebra at least by 8th grade

Grade 7 Advanced is the second year of a two year program that covers grades 6-8 in two years. This course will cover Force, Motion and Energy which includes relationships between force, motion and energy, forms of energy, Law of Conservation of Energy, motion and Newton's Laws. It will also cover Organisms and Environments including body systems, cells, inherited and learned traits, and characteristics of organisms. **This course requires the 8th grade Science STAAR exam.**

GRADE 7 SCIENCE, SHELTERED INSTRUCTION

KISD # 7350

Grades: 7 2 Semesters

Prerequisite: Enrolled in ESL Program

This course will cover the essential elements of Grade 7 science with an emphasis on a variety of methods and strategies focusing on the acceleration of language acquisition and content. This course is designated to meet the needs of state category 1 and 2 English learners and who have been enrolled in U.S. schools for 3 years or less. Grade 7 science is interdisciplinary in nature; however, much of the content focus is on organisms and the environment. This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. Recurring themes are pervasive in sciences, mathematics, and technology. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale. Emphasis is placed on vocabulary and conceptual development using instructional strategies for English learners.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



GRADE 8 SCIENCE

KISD # 8300

Grades: 8 2 Semesters

Prerequisite: None

Grade 8 science is interdisciplinary in nature; covering life, physical, and earth science. This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. Recurring themes are pervasive in sciences, mathematics, and technology. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale.

GRADE 8 SCIENCE, KLEIN PREP (KP)

KISD # 8301

Grades: 8 2 Semesters

Prerequisite: KP Guidelines Recommended

Klein Prep (KP) Grade 8 science is interdisciplinary in nature; however, much of the content focus is on earth and space science. This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. Recurring themes are pervasive in sciences, mathematics, and technology. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale. The goal of each unit of study is to allow the students to analyze practical science problems, understand the concepts, and conduct scientific experiments.

GRADE 8 SCIENCE, KLEIN PREP (KP)/GT

KISD # 8308

Grades: 8 2 Semesters

Prerequisite: Meets District Guidelines

Klein Prep (KP) Grade 8 science is interdisciplinary in nature; however, much of the content focus is on earth and space science. This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. Recurring themes are pervasive in sciences, mathematics, and technology. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale. The concepts covered are similar to eighth grade science; however, the topics are investigated in greater depth. The goal of each unit of study is to allow the students to analyze practical science problems, understand the concepts and conduct scientific experiments. The level of instruction/curriculum will focus on preparing the student for advanced placement courses. Gifted and Talented students are serviced through the Klein Prep (KP) course.

GRADE 8 SCIENCE, SHELTERED INSTRUCTION

KISD # 8350

Grades: 8 2 Semesters

Prerequisite: Identified as a LEP Student

This course will cover the essential elements of Grade 8 science with an emphasis on a variety of methods and strategies focusing on the acceleration of language acquisition and content. This course is designated to meet the needs of state category 1 and 2 English learners and who have been enrolled in U.S. schools for 3 years or less. Grade 8 science is interdisciplinary in nature; however, much of the content focus is on earth and space science. This vast body of changing and increasing knowledge is described by physical, mathematical, and conceptual models. Recurring themes are pervasive in sciences, mathematics, and technology. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale. Emphasis is placed on vocabulary and conceptual development using instructional strategies for English learners.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



BIOLOGY 1 Klein Prep (KP)

KISD #: 0423QJ

Grades: 8-12

1.0 Credit/High School Credit

Prerequisite: Science 6 Advanced, Science 7 Advanced, Algebra 1 concurrent

This course is designed to acquaint the student with the concepts and processes of biology. A developmental approach is utilized beginning with life at the cell level and progressing to the most advanced life forms. Laboratory investigations are an integral part of the course. Topics of study shall include cytology, viruses, tissues and organs of the human systems, genetics, and biological evolution, and taxonomy, energy transfers in living organisms, homeostasis, ecosystems and plants. During the course of instruction in this class, the textbooks, audiovisual materials, and lectures will include instruction and information concerning human growth and development. These topics are designed to inform and instruct only and not to enforce or diminish the individual's personal or religious attitudes. **This course requires an EOC exam.**

BIOLOGY 1 Klein Prep (KP)/GT

KISD #: 0427QJ

Grades: 8-12

1.0 Credit/High School Credit

Prerequisite: Science 6 Advanced, Science 7 Advanced, Algebra 1 concurrent

This course is designed for the student with a high aptitude in science, and it acquaints the student with the concepts and processes of biology. This course focuses on strategies to support abstract reasoning problem solving, research skills and a students' active involvement in the learning process. These topics are designed to inform and instruct only and not to enforce or diminish the individual's personal or religious attitudes. GT services are provided through the PreAP classes. **This course requires an EOC exam.**

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Social Studies

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Social Studies

GRADE 6 CONTEMPORARY WORLD CULTURES

KISD # 6400

Grades: 6 2 Semesters

Prerequisite: None

This course explores the people, places, and societies of the contemporary world. Students will examine how individuals and groups have influenced historical and modern events, study the geographic characteristics and locations of regions across the globe, and analyze how economic and governmental systems are organized. By the end of the course, students will be able to compare the institutions, traditions, and cultures that shape societies around the world today.

GRADE 6 CONTEMPORARY WORLD CULTURES, Klein Prep (KP)

KISD # 6401

Grades: 6 2 Semesters

Prerequisite: None

The Klein Prep (KP) social studies class is for the student with a high interest in social studies. It is designed to give emphasis to an in-depth study of the content through higher-level critical thinking skills. The content is a study of people, places and societies of the contemporary world. Students will examine how individuals and groups have influenced historical and modern events, study the geographic characteristics and locations of regions across the globe, and analyze how economic and governmental systems are organized.

GRADE 6 CONTEMPORARY WORLD CULTURES, Klein Prep (KP) /GT

KISD # 6408

Grades: 6 2 Semesters

Prerequisite: None

The Klein Prep (KP)-GT social studies course is designed for students who show high levels of aptitude in, interest in, and/or commitment to social studies. Klein Prep (KP)-GT social studies will cover and extend the Texas Essential Knowledge and Skills through the pacing, depth and complexity of assignments. A variety of resources beyond the textbook will be used. Emphasis will be placed on problem-solving, role playing, simulations, and independent research. Gifted and Talented students are serviced through the Klein Prep (KP) course.

GRADE 6 CONTEMPORARY WORLD CULTURES, SHELTERED INSTRUCTION

KISD # 6450

Grades: 6 2 Semesters

Prerequisite: Enrolled in ESL Program

This course will cover the essential elements of Grade 6 contemporary world cultures with an emphasis on a variety of methods and strategies focusing on the acceleration of language acquisition and content. This course is designated to meet the needs of state category 1 and 2 English learners and who have been enrolled in U.S. schools for 3 years or less.. Students describe the influence of individuals and groups on historical and contemporary events and identify the location and geographic characteristics of selected societies. During this study students will identify ways of organizing economic and governmental systems. Other content focuses on comparing institutions common to all societies. Emphasis is placed on vocabulary and conceptual development using instructional strategies based on the English Proficiency Standards.

GRADE 6 CONTEMPORARY WORLD CULTURES, Dual Language Spanish

KISD # 6450

Grades: 6 2 Semesters

Prerequisite: Enrolled in Dual Language

This course is designed for students with a high interest in social studies and a strong foundation in Spanish. It emphasizes an in-depth study of global people, places, and cultures through higher-level critical thinking and bilingual communication. Students will examine the influence of individuals and groups on historical and contemporary events, analyze geographic, economic, and governmental systems, and compare institutions and cultural traditions across societies. Instruction develops proficiency in reading, writing, speaking, and listening in Spanish, while fostering the ability to discuss and analyze complex global issues in both English and Spanish.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



GRADE 7 TEXAS HISTORY

KISD # 7400

Grades: 7 2 Semesters

Prerequisite: None

This course allows students to gain a comprehensive understanding of the full scope of Texas history. This is accomplished through the examination of the following historical eras: Natural Texas and its People; Age of Contact; Spanish Colonial; Mexican National: Revolution and Republic; Early Statehood; Texas in the Civil War and Reconstruction; Cotton, Cattle, and Railroads; Age of Oil; Texas in the Great Depression and World War II; Civil Rights and Conservatism; and Contemporary Texas. The focus of each era is on key individuals, events, and issues and their impact. Students also describe the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens.

GRADE 7 TEXAS HISTORY, Klein Prep (KP)

KISD # 7401

Grades: 7 2 Semesters

Prerequisite: None

This Klein Prep (KP) social studies course is for the student with a high interest in social studies. It is designed to emphasize an in-depth study of the content using higher-level critical thinking skills. The course itself allows students to gain a comprehensive understanding of the full scope of Texas history. This is accomplished through the examination of the following historical eras: Natural Texas and its People; Age of Contact; Spanish Colonial; Mexican National: Revolution and Republic; Early Statehood; Texas in the Civil War and Reconstruction; Cotton, Cattle, and Railroads; Age of Oil; Texas in the Great Depression and World War II; Civil Rights and Conservatism; and Contemporary Texas. The focus of each era is on key individuals, events, and issues and their impact. Students also describe the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens.

GRADE 7, TEXAS HISTORY Klein Prep (KP)/GT

KISD # 7408

Grades: 7 2 Semesters

Prerequisite: None

This advanced course, designed for students who exhibit high performance across the various academic subject areas, follows the same scope and sequence and focuses on the same units of study as the seventh grade social studies course. However, differentiation for students is accomplished through pacing and the depth and complexity of assignments. There is a special emphasis placed on independent study, open-ended tasks, and the analysis of historical trends and principles. Gifted and Talented students are serviced through the Klein Prep (KP) course.

GRADE 7, TEXAS HISTORY SHELTERED INSTRUCTION

KISD # 7450

Grades: 7 2 Semesters

Prerequisite: Enrolled in ESL Program

This course will cover the essential elements of Grade 7 Texas History with an emphasis on a variety of methods and strategies focusing on the acceleration of language acquisition and content. This course is designated to meet the needs of state category 1 and 2 English learners and who have been enrolled in U.S. schools for 3 years or less. The course itself allows students to gain a comprehensive understanding of the full scope of Texas history. This is accomplished through the examination of the following historical eras: Natural Texas and its People; Age of Contact; Spanish Colonial; Mexican National: Revolution and Republic; Early Statehood; Texas in the Civil War and Reconstruction; Cotton, Cattle, and Railroads; Age of Oil; Texas in the Great Depression and World War II; Civil Rights and Conservatism; and Contemporary Texas. The focus of each era is on key individuals, events, and issues and their impact. Students also describe the structure and functions of municipal, county, and state governments, explain the influence of the U.S. Constitution on the Texas Constitution, and examine the rights and responsibilities of Texas citizens.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



GRADE 8, UNITED STATES HISTORY TO RECONSTRUCTION

KISD # 8400

Grades: 8 2 Semesters

Prerequisite: None

Grade 8 historical content focuses on the political, economic, religious, and social events and issues related to the colonial and revolutionary eras, the creation and ratification of the U.S. Constitution, challenges of the early republic, the Age of Jackson, westward expansion, sectionalism, Civil War, and Reconstruction. Students describe the physical characteristics of the United States and their impact on population distribution and settlement patterns in the past and present. Students analyze the various economic factors that influenced the development of colonial America and the early years of the republic and identify the origins of the economic system. Students examine the American beliefs and principles reflected in the U.S. Constitution and other historical documents. Students evaluate the impact of Supreme Court cases and major reform movements of the 19th century and examine the rights and responsibilities of citizens of the United States as well as the importance of effective leadership in a constitutional republic. Students evaluate the impact of scientific discoveries and technological innovations on the development of the United States. Students use critical-thinking skills, including the identification of bias in written, oral, and visual material.

GRADE 8 UNITED STATES HISTORY TO RECONSTRUCTION, Klein Prep (KP)

KISD # 8401

Grades: 8 2 Semesters

Prerequisite: KP Guidelines Recommended

This course is for the student with a high interest in social studies. It is designed to give emphasis on an in-depth study of the content using higher-level critical thinking skills. Content focuses on the political, economic, religious, and social events and issues related to the colonial and revolutionary eras, the creation and ratification of the Constitution, challenges of the early republic, the Age of Jackson, westward expansion, sectionalism, Civil War, and Reconstruction. Students study the beliefs and principles in the U.S. Constitution and other historical documents. They examine the rights and responsibilities of citizenship as well as the importance of effective leadership in a constitutional republic.

GRADE 8 UNITED STATES HISTORY TO RECONSTRUCTION, Klein Prep (KP)/GT

KISD # 8408

Grades: 8 2 Semesters

Prerequisite: Meets District Guidelines

The coursework, which is based on the Texas Essential Knowledge and Skills of Grade 8, U. S. History, includes the investigation of social studies topics and concepts in greater depth and complexity. Special emphasis will be placed on independent study, open-ended tasks, and the analysis of historical trends and principles.

Gifted and Talented students are serviced through the Klein Prep (KP) course.

GRADE 8 UNITED STATES HISTORY TO RECONSTRUCTION, SHELTERED INSTRUCTION

KISD # 8450

Grades: 8 2 Semesters

Prerequisite: Enrolled in ESL Program

This course will cover the essential elements of Grade 8 U. S. History with an emphasis on a variety of methods and strategies focusing on the acceleration of language acquisition and content. This course is designated to meet the needs of state category 1 and 2 English learners and who have been enrolled in U.S. schools for 3 years or less. Content focuses on the political, economic, religious, and social events and issues related to the colonial and revolutionary eras, the creation and ratification of the Constitution, challenges of the early republic, the Age of Jackson, westward expansion, sectionalism, Civil War, and Reconstruction. Students study the beliefs and principles in the U.S. Constitution and other historical documents. They examine the rights and responsibilities of citizenship as well as the importance of effective leadership in a constitutional republic.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Languages Other than English

Introduction

English

Math

Science

Social
Studies

Foreign
Language

PE

Fine Arts

CTE

Other

High
School

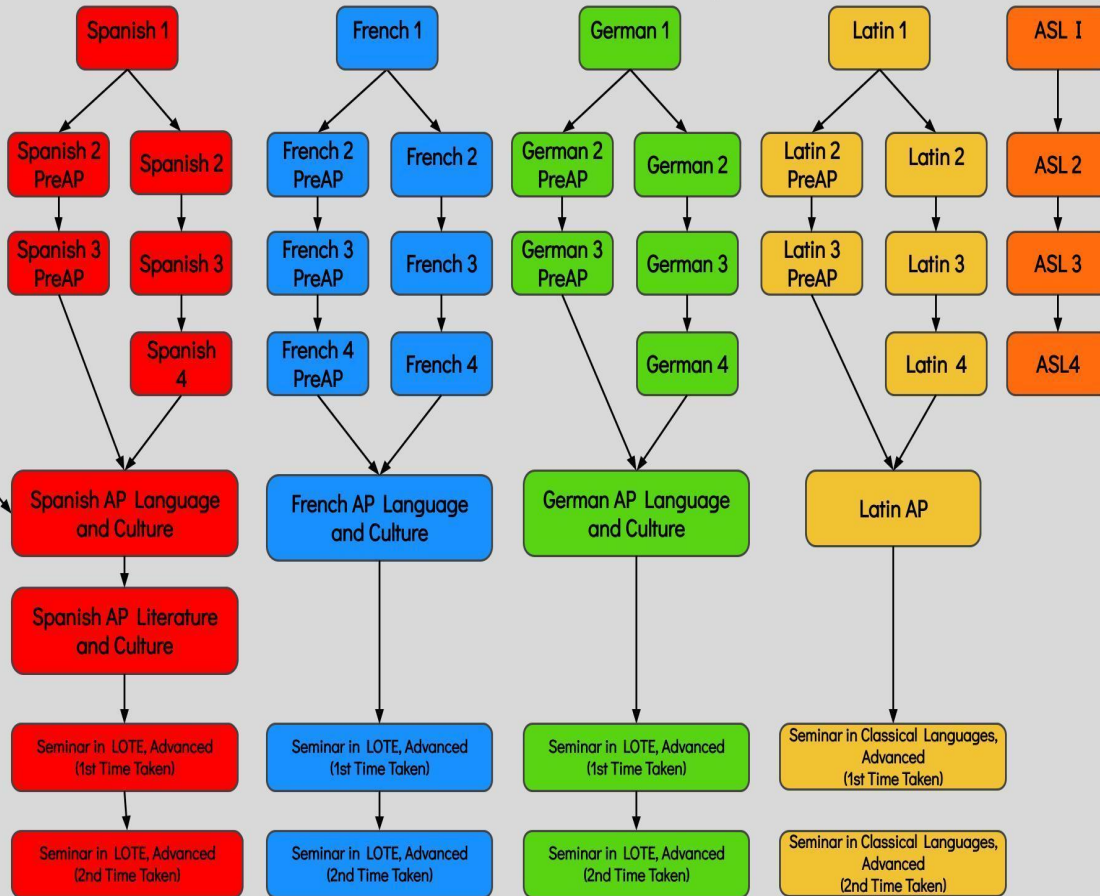
Supports

Course Fees



LOTE Pathways

*PreAP courses not offered in Intermediate due to the course already being an advanced course.



Spanish for Spanish-Speakers See [Pathway for Spanish Speakers - Intermediate](#)

Or [Spanish for Spanish Speakers - High School](#)

Students may take any two levels of the same foreign language to meet the requirements for the Foundation Graduation High School Plan.

FRENCH 1

KISD # 2611J

Grades: 7 or 8

Prerequisite:

1.0 Credit/High School Credit

None

French 1 is an introduction to the French-speaking world, its language, and its people. The main emphasis is on early oral communication skills while developing reading and writing skills. Grammar skills are introduced holistically through both oral and written expression. The student will develop an understanding of the culture of the French-speaking world.

FRENCH 2

KISD # 2612J

Grades: 8

Prerequisite:

1.0 Credit/High School Credit

Successful completion of French 1

French 2 emphasizes the further development of the four communication skills: reading, writing, speaking, and listening. Students will study the culture not only of France but also the French-speaking world. Classes are conducted in the language as much as possible to meet the ACTFL standards of proficiency in the language.

GERMAN 1

KISD # 2621J

Grades: 7 or 8

Prerequisite:

1.0 Credit/High School Credit

None

German 1 is an introduction to the German-speaking world, its language, culture, and its people. The main emphasis is on early oral communication skills while developing reading and writing skills. Grammar skills are introduced through both oral and written expression. Classes are conducted in the language as much as possible to meet the ACTFL standards of proficiency in the language.

GERMAN 2

KISD # 2622J

Grades: 8

Prerequisite:

1.0 Credit/High School Credit

Successful completion of German 1

German 2 emphasizes the further development of the four communication skills: reading, writing, speaking, and listening. Classes are conducted in the language as much as possible to meet the ACTFL standards of proficiency in the language.

SPANISH 1

KISD # 2601J

Grades: 7 or 8

Prerequisite:

1.0 Credit/High School Credit

None

Spanish 1 is an introduction to the Spanish-speaking world, its language, and its people. The main emphasis is on early oral communication skills while developing reading and writing skills. Grammar skills are introduced holistically through both oral and written expression. The student will develop an understanding of Spanish culture.

SPANISH 2

KISD # 2602J

Grades: 8

Prerequisite:

1.0 Credit/High School Credit

Successful completion of Spanish 1 or placement test

Spanish 2 emphasizes the further development of the four communication skills: reading, writing, speaking, and listening. Classes are conducted in the language as much as possible to meet the ACTFL standards of proficiency in the language.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



SPANISH 1 NATIVE SPEAKER

KISD # 2596YRJ

Grades: 7 or 8

1.0 Credit/High School Credit

Prerequisite: Placement Test

Spanish for Spanish Speakers I is designed for the student who has an ability to understand and speak Spanish. The emphasis of the instruction will be to expand the student's existing oral proficiency through focus on grammatical concepts and to develop the skills of reading and writing Spanish so that they can communicate more successfully in social and business situations.

SPANISH 2 / 3 NATIVE SPEAKER

KISD # 2598S and 2592S

Grades: 8

2.0 Credit/High School Credit

Prerequisite: Spanish 1 for Native Speaker and /or placement Test

Spanish for Spanish Speakers 2/3 is designed for students who already demonstrate understanding and communication skills in Spanish. Students will strengthen their reading, writing, listening, and speaking abilities while expanding their vocabulary and grammatical accuracy. Emphasis is placed on improving academic language, exploring cultural topics, and developing confidence in using Spanish for both personal and academic communication. **Students can not earn separate credits.**

ADV SPANISH 2 NATIVE SPEAKER

KISD # 2598YRJ

Grades: 7

1.0 Credit/High School Credit

Prerequisite: Dual Language Spanish 1 Credit

Advanced Spanish 2 Spanish for Spanish Speakers is designed for students with strong oral proficiency who are ready to refine their reading and writing skills. Instruction focuses on advanced grammar, enriched vocabulary, and increased accuracy in both spoken and written expression. Students will engage with authentic texts, cultural themes, and real-world applications to deepen their understanding of the language and its use in academic and professional settings.

ADV SPANISH 3 NATIVE SPEAKER

KISD #

Grades: 8

1.0 Credit/High School Credit

Prerequisite: Adv Spanish 2 Native Speaker (Dual)

Advanced Spanish 3 Spanish for Spanish Speakers is intended for students who demonstrate high proficiency and wish to achieve greater sophistication in their language use. Students will analyze authentic literature, media, and current issues to enhance cultural awareness and critical thinking. The course emphasizes advanced communication, grammatical precision, and complex written and oral expression to prepare students for success in academic and professional environments

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Physical Education

Introduction

English

Math

Science

Social
Studies

Foreign
Language

PE

Fine Arts

CTE

Other

High
School

Supports

Course Fees



Physical Education

PE - PHYSICAL EDUCATION BOYS

KISD # 6501/7501/8501

Grades: 6 and 7 or 8 2 Semesters

Prerequisite: None

Two years of physical education are required in the Intermediate school. It is recommended that the first year be taken in grade 6. The course is coeducational and includes some combination of the following areas: basketball, volleyball, softball, football, track, weight training, calisthenics, aerobic dancing, tennis, flag football, soccer, and physical fitness series.

PE - PHYSICAL EDUCATION GIRLS

KISD # 6502/7502/8502

Grades: 6 and 7 or 8 2 Semesters

Prerequisite: None

Two years of physical education are required in the Intermediate school. It is recommended that the first year be taken in grade 6. The course is coeducational and includes some combination of the following areas: basketball, volleyball, softball, football, track, weight training, calisthenics, aerobic dancing, tennis, flag football, soccer, and physical fitness series.

ATHLETICS PRE-ATHLETICS BOYS

KISD #

Grades: 6 2 Semesters

Prerequisite: None

This course would be designed to prepare students and parents for successful participation in the middle school athletic program. The emphasis of the program would be to provide students with a preview of upcoming UIL sports in which they will be eligible to participate as 7th graders and to prepare them for the behavioral and academic expectations associated with being a participating member of the Klein ISD athletics program. Students will be introduced to the concepts of UIL and KISD academic requirements and how they impact and affect extracurricular participation.

ATHLETICS PRE-ATHLETICS GIRLS

KISD # 6509

Grades: 6 2 Semesters

Prerequisite: None

This course would be designed to prepare students and parents for successful participation in the middle school athletic program. The emphasis of the program would be to provide students with a preview of upcoming UIL sports in which they will be eligible to participate as 7th graders and to prepare them for the behavioral and academic expectations associated with being a participating member of the Klein ISD athletics program. Students will be introduced to the concepts of UIL and KISD academic requirements and how they impact and affect extracurricular participation.

ATHLETICS BOYS

KISD # 6508

Grades: 7 and/or 8 2 Semesters

Prerequisite: Coach Recommendation

The sports offered are football, basketball, track, cross country, tennis and swimming. Boys participating in football, basketball or track may be scheduled into an athletic period. Some workouts will be held after school. Students can double in two sports at the same time if it can be coordinated with the coaches.

ATHLETICS GIRLS

KISD # 7509/8509

Grades: 7 and/or 8 2 Semesters

Prerequisite: Coach Recommendation

The sports offered are volleyball, basketball, track, cross country, tennis and swimming, Girls participating in volleyball, basketball or track may be scheduled into an athletic period. Some workouts will be held before and/or after school. Students can double in two sports at the same time if it can be coordinated with the coaches.

Dance

KISD # 7710/8710PE

Grades: 7 and/or 8 2 Semester

Prerequisite: None

This course is designed to introduce and allow exploration of the basic movement fundamental: ballett, jazz, tap, world dance, and modern. Topics of study shall include, dance techniques, kinesthetic awareness, movement vocabulary, choreography, creative expression, musicality, and dance history. The opportunity to perform basic dance skills will promote self confidence, self-discipline, and dance appreciation.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Fine Arts

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Art

ART LEVEL 1, BEGINNING

KISD # 6700

Grades: 6 2 Semesters

Prerequisite: None

This course emphasizes the following: awareness and sensitivity to natural and human-made environments through the examination and application of art elements and principles; inventive and imaginative expression using art materials, tools and techniques (drawing, painting, printmaking, constructing and modeling 3-D forms, and manipulating fibers); understanding of the place of art in a society's cultural heritage; art careers; and the development of visual discrimination and judgment when evaluating the artwork of students, and major artists. Students are responsible for the costs of materials used in products they make and may take home. A course fee is required.

ART LEVEL 1, INTRODUCTORY

KISD # 7699/8699

Grades: 7 or 8 2 Semesters

Prerequisite: None

This course emphasizes the same general areas as those included in the sixth grade beginning art class, which are intended to develop awareness and sensitivity to natural and human-made environments through the examination and application of art elements and principles; inventive and imaginative expression using art materials, tools and techniques (drawing, painting, printmaking, constructing and modeling 3-D forms, and manipulating fibers); understanding of the place of art in a society's cultural heritage; art careers; and the development of visual discrimination and judgment when evaluating the artwork of students, and major artists. Students are responsible for the costs of materials used in products they make and may take home. A course fee is required.

ART LEVEL 2, INTERMEDIATE

KISD # 7700/8700

Grades: 7 or 8 2 Semesters

Prerequisite: Successful completion of Art Level 1, Beginning or Art Level 1, Introductory

This course combines classroom instruction in the elements and principles of art with studio activities that provide opportunities to examine and explore line, color, value, texture, shape, form, and space. It also provides for the application of principles of unity, emphasis, balance, variety, harmony, and proportion while using inventive and imaginative expression in design, drawing, painting, printmaking, sculpture, and crafts. Students are provided opportunities to increase their understanding of art history and appreciation of art, to gain skill in evaluating the artworks of students and major artists, and to apply aesthetic judgment. Students are responsible for the costs of materials used in products they make and may take home. A course fee is required.

ART LEVEL 3, ADVANCED

KISD # 8702

Grades: 8 2 Semesters

Prerequisite: Successful completion of Art Level 2, Intermediate

This course is a continuation of the study begun in Intermediate Art. It combines classroom instruction in the elements and principles of art with studio activities that provide opportunities for students to study art concepts, media, techniques, culture, and history and to apply aesthetic judgments in a wide variety of art production, appreciation, and evaluation activities. Students will work with design, drawing, painting, printmaking, sculpture, and crafts such as weaving, batik, soft sculpture, and ceramics. Students are responsible for the costs of materials used in products they make and may take home. A course fee is required.

ART 1 (High School Credit)

KISD # 3100J

Grades: 8 2 Semesters, 1 High School Credit

Prerequisite: Successful completion of Art Level 2, Intermediate and Portfolio Review

Art 1 at the intermediate school level is a course for students who have demonstrated a highly developed set of art skills. Students will examine both natural and manmade objects, explore art elements with emphasis on observational techniques (line, value, texture, color, form and space), and apply art principles (unity, emphasis, balance, variety, movement, and proportion) in designing, developing, and creating original artworks (drawing, painting, printmaking and sculpture media). Students will study the artworks of contemporary and past artists and that of fellow students to enhance their appreciation of art culture and heritage and to develop visual discrimination and evaluative skills in applying aesthetic judgments. Students are responsible for the costs of materials used in products they make and may take home. A limited number of students may be accepted. A course fee is required. **This course may not be offered on all campuses each year.**

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Theatre Arts

THEATRE ARTS I, BEGINNING LEVEL

KISD # 6877

Grades: 6 2 Semesters

Prerequisite: None

This course provides a general introduction to theatre. Students develop concepts about self, relationships, and environment that are demonstrated through creative expression and performance. Students will develop characters, explore body awareness, develop an understanding of voice, and identify the structure of dramatic literature. Students will explore the relationship of theatre to history, society, and culture and respond to and evaluate theatre and theatrical performances. A course fee may be required.

THEATRE ARTS I, INTRODUCTORY LEVEL

KISD # 7775/8775

Grades: 7 or 8 2 Semesters

Prerequisite: None

This course, like the Beginning Level 1 sixth grade course, provides a general introduction to theatre, but is a mixed grade level class of 7th and 8th graders. Students develop concepts about self, relationships, and environment that are demonstrated through creative expression and performance. Students will develop characters, explore body awareness, develop an understanding of voice, and identify the structure of dramatic literature. Students will explore the relationship of theatre to history, society, and culture and respond to and evaluate theatre and theatrical performances. A course fee may be required.

THEATRE ARTS 2, INTERMEDIATE LEVEL

KISD # 7776/8776

Grades: 7 or 8 2 Semesters

Prerequisite: Successful completion of Theatre Arts, Beginning or Introductory 1

This course focuses on an increasingly deeper student understanding of theatre introduced through the beginning or introductory theatre courses. Students demonstrate a higher level of knowledge and skill through creative expression and performance than first level theatre class participants. Students continue to explore characterization, create expressive movements, apply knowledge of effective voice and diction techniques to express thoughts and feelings; demonstrate knowledge of theatrical vocabulary; and analyze and evaluate the structure of dramatic literature and theatrical performances. A course fee may be required.

INTRO TO THEATRE TECH, LEVEL 1

KISD# 8778

Grades: 7 or 8 2 Semesters

Prerequisite: None

This one full year course introduces students to the structural facets of Technical Theatre through hands-on activities and projects. Students explore play analysis; stage management; set, prop, costume, makeup and lighting design; publicity and theatre management; basic construction tools and techniques; and backstage safety. A course fee may be required.

THEATRE ARTS 3, ADVANCED LEVEL

KISD # 8777

Grades: 8 2 Semesters

Prerequisite: Successful completion of Theatre Arts, Intermediate, Level 2

This course is a continuation of Intermediate Theatre Arts, Level 2 and focuses on an increasingly deeper student understanding and development of theatre concepts and skills through creative expression and performance. Students continue to explore the relationship of theatre to history, society, and culture and respond to and evaluate theatre and theatrical performances. Students will interpret characters using the voice and body expressively and create dramatizations. The student will create characters, dialogue, and actions that reflect dramatic structure in improvised and scripted scenes, individually and collaboratively; and express thoughts and feelings using effective voice and diction. A course fee may be required.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Music

BAND, BEGINNING LEVEL 1

Grades: 6, 7 or 8 **2 Semesters**
Prerequisite: None

Beginning Band is open to all students interested in learning to play a woodwind, brass, or percussion instrument. No previous musical experience is necessary. Emphasis is placed on learning the fundamentals of playing the instrument and performing many different types of music. Students instruments are expected to be rented or purchased while the more expensive instruments are provided by Klein ISD through an annual instrument maintenance fee. A personal conference with the band director is necessary before selecting or purchasing the instrument. Students will participate in two or three public concerts during the year. Your child's band program may charge a course fee.

BAND, LEVEL 2 AND 3

Grades: 6, 7 or 8 **2 Semesters**
Prerequisite: Satisfactory Completion of Beginning Band and/or Audition

The band program consists of Concert B, Concert A, and Symphonic Band. Some instruments are provided by Klein ISD for performing bands, but most students must furnish their own instruments at their expense. Emphasis is placed on full band and small group performance of many different types of music. The students will perform at several public concerts during the year, and most will also participate in individual, small and large group contests. Depending upon the level of the band, extra rehearsals will be scheduled before or after school. Students are expected to attend all rehearsals and performances. Your child's band program may charge a course fee.

CHOIR, BEGINNING LEVEL 1

Grades: 6, **2 Semesters**
Prerequisite: None

Beginning Choir is open to all students interested in singing and learning the basics of singing. Emphasis is placed on fundamentals of choral singing, sight reading and performing many different types of music, from popular to traditional. Students will participate in two or three public concerts during the year which may require some extra rehearsal before or after school and may be asked to furnish some performance apparel. Your child's choir program may charge a course fee.

CHOIR, LEVEL 2 AND 3

Grades: 7 or 8 **2 Semesters**
Prerequisite: None

The choir program consists of Beginning, Intermediate and Advanced Choir. Emphasis is placed on voice production, part singing, vocal health and performing many types of music, from popular to traditional. No prior choir experience is necessary. The students will perform at several public concerts during the year, and most will also participate in individual, small and large group contests. The students may also have the opportunity to perform at a school musical or variety show. Depending upon the level of choir, some extra rehearsals may be scheduled before or after school. Students are expected to attend all rehearsals and performances and may be asked to furnish performance apparel. Your child's choir program may charge a course fee.

ORCHESTRA, BEGINNING LEVEL 1

Grades: 6, 7 or 8 **2 Semesters**
Prerequisite: None

Beginning Orchestra is open to all students with little or no previous experience playing a string instrument. Instruction is provided on violin, viola, cello, and bass. Emphasis is placed on learning the fundamentals of playing the instrument and performing many different types of music. The student must provide an instrument, but a personal conference with the orchestra director is necessary before selecting and renting or purchasing the instrument. Students will participate in two or three public concerts during the year which may require extra rehearsal before or after school. Your child's orchestra program may charge a course fee.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Music

ORCHESTRA, LEVEL 2 AND 3

Grades: 6, 7 or 8

2 semesters

Prerequisite:

Satisfactory Completion of Beginning Orchestra and/or Audition

The orchestra program consists of Beginning, Concert, Philharmonic, Symphony, and Chamber Orchestra. Some larger instruments are provided by the school for use at school only, but students are responsible for providing their own instruments for home practice at their expense. Emphasis is placed on string (violin, viola, cello, string bass, and harp) and full orchestra performance of many different types of music. The students will perform at several public concerts during the year, and most will also participate in individual, small and large group contests. Depending upon the level of orchestra, some extra rehearsals will be scheduled before or after school. Students are expected to attend all rehearsals and performances and may be asked to furnish performance apparel. Your child's orchestra program may charge a course fee.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Career Technical Education

Introduction

English

Math

Science

Social
Studies

Foreign
Language

PE

Fine Arts

CTE

Other

High
School

Supports

Course Fees



INTERMEDIATE LEVEL 1 PROGRAM COURSES

CTE Courses for High School Credit



Courses	High School Program
Career & College Exploration (Gr 7-8)	Exploratory course to create a foundation for success in high school CTE Programs
Fundamentals of Computer Science (Gr 7-8)	Advanced Computer Science & Algorithms Program
Digital Design Media Production (Gr 7-8)	Fashion Design Program Marketing & Sales Program Video Game Programming & Design Program
Principles of Business, Marketing & Finance (Gr 7-8)	Accounting & Financial Services Program Business Management Program Marketing & Sales Program Global Business College Program
Principles of Human Services (Gr 7-8)	Early Learning Program Teaching & Training Program
Principles of Exercise Science & Wellness (Gr 8)	Exercise Science & Wellness Program
Principles of Applied Engineering (Gr 7-8)	Engineering Design Program Electrical Technology College Program Robotics Program Geospatial Engineering & Land Surveying College Program

PRINCIPLES OF APPLIED ENGINEERING

KISD Code: 9470J18

Grade: 7-8 1 Credit

Grade Points: 5.0

Prerequisite: Strong Math Skills

PEIMS: 13036200

Students will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware, software applications, and Autodesk AutoCAD to complete assignments and projects. Students will be required to take and pass, with 100%, a mandatory safety exam within the first two weeks of school to remain in the course.

Required Fee/Materials: \$10

PRINCIPLES OF HUMAN SERVICES

KISD #: 933118

PEIMS: 13024200

Grades: 7-8

1.0 Credit/High School Credit

Prerequisite: None

You will gain the knowledge and skills related to personal human development. The course will enable you to investigate careers in the human services career cluster, including early childhood development, family and community, mental health and personal care services. Content includes decision making, positive relationships, child development, nutrition and food production, finance, and personal grooming as it relates to personal and professional settings.

Required Fee/Materials: \$20 (per semester)

DIGITAL DESIGN AND MEDIA PRODUCTION

KISD #: 4922J

PEIMS: 03580400

Grades: 7-8

1.0 Credit/High School Credit

Recommended Pre-req: Strong reading and comprehension skills and ability to work independently

Obtain hands-on experience working with a variety of media tools (graphic/image, audio, and video) to design multimedia projects. Utilize various software applications including Adobe products such as Photoshop and Illustrator. This project-based course focuses on real-world audiences as customers.

Required Fee/Materials: \$15

PRINCIPLES OF BUSINESS, MARKETING & FINANCE

KISD #: 916618

PEIMS: 13011200

Grades: 7-8

1.0 Credit/High School Credit

Prerequisite: None

Students gain knowledge and skills in economics, private enterprise, impact of global business, marketing and advertising, business and personal finance. A variety of engaging learning activities provide the foundation for future courses in the business, marketing, and finance clusters.

Required Fee/Materials: No

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



FUNDAMENTALS OF COMPUTER SCIENCE

KISD #: 9148J18

PEIMS: 03580140

Grades: 7-8

1.0 Credit/High School Credit

Prerequisite: None

This year-long course is intended as a first course for those who are just beginning their study of computer science. You will learn about the computing tools that are used every day, while developing their ability to creatively solve real-world problems. This course introduces the basics of programming, the foundations of designing a web page with HTML/CSS, and how information is represented digitally and sent over the internet.

Required Fee/Materials: No

PRINCIPLES OF EXERCISE SCIENCE & WELLNESS KISD

Code: 926118 PEIMS: N1302107

Grade: 7-8

Credit Grade Points: 5.0

The Principles of Exercise Science and Wellness course is designed to provide for the development of knowledge and skills in fields that assist patients with maintaining physical, mental, and emotional health. Students in this course will understand diet and exercise, as well as techniques to help patients recover from injury, illness, and disease. They will also learn about introductory health science topics such as employability skills, lifespan development, and ethical and legal standards. Students who take this course are ideally interested in such careers as physical therapy, athletic training, nutrition, personal training, and recreational therapy. The central focus of this course is to provide students with a solid foundation in the topics of health and wellness and increase their interest in the various careers available in these fields.

Required Fee/Materials: NA

CAREER & COLLEGE EXPLORATION

KISD Code: 9690

Grade: 7-8 1 Credit

Grade Points: 4.0

PEIMS: 12700110

This course is designed to guide students through the process of investigating and developing a college and career readiness flight plan. Students use aptitude and interest inventory assessments, software, or other tools available to explore college and career areas of personal interest. Students use this information to explore a variety of career paths, especially those in demand, and begin mapping their anticipated secondary coursework and potential postsecondary experiences that are in alignment with their goals and CTE Programs.

Required Fee/Materials: NA

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Other Courses

Introduction

English

Math

Science

Social
Studies

Foreign
Language

PE

Fine Arts

CTE

Other

High
School

Supports

Course Fees



PATH

KISD # 6980/7980

Grades: 6 or 7th 2 Semesters

Prerequisite: None

This elective course is part of a college and career readiness system that provides students with instructional support in all Klein Prep (KP) courses through in-class coaching. The class builds study and research skills necessary for success in high school and college courses. In a Path class, students will be immersed in a college going/career ready culture to ensure those who are enrolled are not just college eligible-but college ready.

PATH I - COLLEGE AND CAREER READINESS

KISD # 9917J

Grades: 8 1 High School Credit

Prerequisite: None

This elective course is part of a college and career readiness system that provides students with instructional support in all Klein Prep (KP)/Pre-IP courses through in-class coaching. This course builds study skills, research skills, develops personal/interpersonal and cognitive skills, develops the understanding of one's character through self-reflection, and develops the habits necessary for continued success in high school, college courses and the workforce. In the PATH elective, students will be immersed in a college going/career ready online learning environment to ensure those who are enrolled are not just college eligible, but college ready.

OFFICE AIDE (LOCAL ELECTIVE)

KISD # 7898S

Grades: 7 or 8 1 or 2 Semesters

Prerequisite: Counselor Approval, C average in each course

These students work in the attendance office, the counselors' office, the library, and the clinic. They perform sorting, filing, and other office tasks, organize materials, operate the copying machine and other audio-visual equipment, and assist other students in a variety of ways. A student must exhibit satisfactory conduct, grades and behavior and have good attendance to be an office aide. COMPLETED APPLICATION FORM IS REQUIRED. Applications are available from the counselors' office. A student may take office aide in grade 7 or 8 but may not take office aide both years. This local elective cannot be counted as one of the 12 units which must be taken in grades 7 and 8.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



High School Requirements

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Courses

The following are courses which receive high school credit and descriptions of these courses are included in the previous pages. When choosing to take a high school credit class, the following should be considered:

- *The credit earned in each course will be recorded on the high school transcript.*
- *Final exams will be given on a specific day and attendance is mandatory. The only exception is illness verified by a physician's statement.*
- *Students must adhere to high school attendance guidelines. If a student is absent more than 9 days per semester, credit may be denied.*
- *High school credit courses taken at the intermediate level follow the same curriculum and objectives as classes taught on the high school campus.*
- *High School credit courses taken at the intermediate level, will not be included in the calculation of the High School Grade Point Average (GPA).*

Course	Credit
Algebra 1 KP or KP-GT	1.0
Geometry KP or KP-GT	1.0
Art 1 (elective)	1.0
Biology KP or KP-GT	1.0
Communication Applications	0.5
Digital Design and Media Production	1.0
Principles in Applied Engineering	1.0
Fundamentals of Computer Science	1.0
Health	0.5
Path I - College and Career Readiness	1.0
Principles of Business, Marketing & Finance	1.0
Principles of Human Services	1.0
Principles of Exercise Science & Wellness	1.0
Spanish 1/French 1/German 1	1.0
Spanish 2/French 2/German 2	1.0

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Support

Introduction

English

Math

Science

Social
Studies

Foreign
Language

PE

Fine Arts

CTE

Other

High
School

Supports

Course Fees



Student Support Services

SPECIAL EDUCATION Special education services are provided to students who are eligible for services under IDEA as determined by an Admission, Review and Dismissal Committee (ARD). Eligibility is based on identified disabilities and the need for specially designed instruction that are required to meet individual student needs. Depending on the student needs, academic services may be provided through regular and/or special education. Specialized instruction is provided along a continuum and reviewed at least annually. The continuum could include

- Accommodation support.
- In Class Support;
- Modified Curriculum;
- Curriculum access through prerequisite skills.

SECTION 504 Section 504 services are provided to students with physical or mental impairments that substantially limit one or more major life activity. Eligibility is determined by a committee of persons with knowledge of the student, the evaluation data and service options. Students who qualify for Section 504 services receive accommodations and services through the general education setting, in accordance with the student Individual Accommodation Plan (IAP). These supports are intended to provide equal access and level the playing field, as compared to non-disabled peers. Course content for 504 students is not modified or changed. Parents who believe they have a child who may qualify for accommodations or services should contact their child’s school counselor or the campus 504 coordinator.

DYSLEXIA AND RELATED DISORDERS The dyslexia referral, screening, evaluation and identification process is conducted in accordance with the guidelines outlined in the [Texas Dyslexia Handbook \(2021\)](#). Students identified as meeting the criteria as a student with dyslexia or a related disorder (such as dysgraphia) can be served through special education or Section 504 services. Students who qualify for dyslexia services are provided systematic, research-based interventions that align with the requirements outlined in the Texas Dyslexia Handbook (2018). Parents who believe that their child is experiencing difficulties with reading, writing or spelling, despite conventional instruction, should contact their child’s teacher or campus administrator regarding a request to consider an evaluation.

Introduction

English

Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



Course Fees

Introduction

English

Math

Science

Social
Studies

Foreign
Language

PE

Fine Arts

CTE

Other

High
School

Supports

Course Fees



Career and Technical Education Intermediate School Course Fees 2024-2025

CTE Course	Course #	Fee	Description
Principles of Human Services	9331J18	\$ 20.00	Project-Based Learning Materials
Principles of Human Services	9331J18	\$ 20.00	Food Lab Materials
Digital Design and Media Production	4922J	\$ 15.00	Project-Based Learning Materials
Principles of Applied Engineering	947018	\$ 10.00	Project-Based Learning Materials

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Math

Science

Social Studies

Foreign Language

PE

Fine Arts

CTE

Other

High School

Supports

Course Fees



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