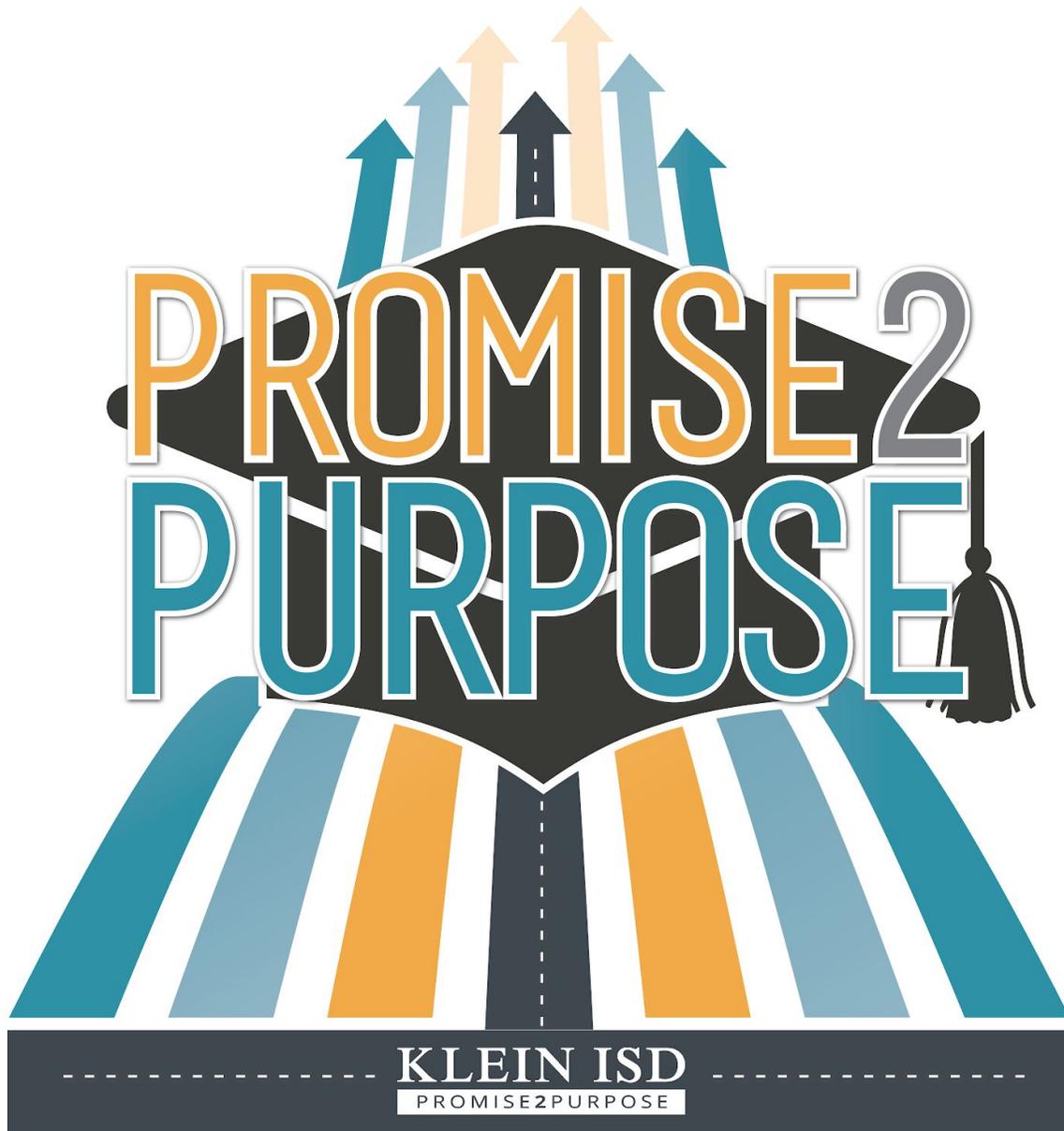


**KLEIN INDEPENDENT SCHOOL DISTRICT**



**INTERMEDIATE COURSE CATALOG**

**EFFECTIVE 2019-2020**

[www.promise2purpose.net](http://www.promise2purpose.net)

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## INTRODUCTION

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

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)  
or Path (1 unit) @ certain campuses
- Total Units = 7**

### 7TH GRADE

#### Required

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)
- Total Units = 7**

### 8TH GRADE

#### Required

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)
- Total Units = 7**

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

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

Art 1, 8+ (HS) (FA)	Path – Next Step 6, or 7
Art, Beginning 6 (FA)	Path 1 - College and Career Readiness (HS) 8th grade
Art, Introductory 7, or 8 (FA)	Physical Education 6, 7, or 8
Art, Intermediate 7, or 8+ (FA)	Principles of Human Services 7 or 8 (HS) (1.0)
Art Advanced 8+ (FA)	P.E. Athletics Boys/Girls 7 or 8
Band 6, 7, or 8 (FA)	Power Math 6, 7, 8 +
Choir 6, 7, or 8 (FA)	Power Reading 7+, or 8+
Crafts 7, or 8 (L) (Sem)	Professional Communications/Career Focus 7 or 8 (HS) (.5)
Communication Application 8 (HS) (.5)	Reading (Adolescent Lit.) 7, or 8
Digital Communications in the 21 <sup>st</sup> Century (HS) (1.0)	Reading Elective 7+ or 8+
Digital Design and Media Production+ (HS) (1.0)	Spanish I, 7 or 8 (HS) (1.0)
Exploratory Languages 7, or 8	Spanish II, 8+ (HS) (1.0)
French I, 7 or 8+ (HS) (1.0)	Theatre Arts Beginning 6 (FA)
French II, 8+ (HS) (.1.0)	Theatre Arts Introductory 7, or 8 (FA)
Health 8 (HS) (.5)	Theatre Arts Intermediate 7+ or 8+ (FA)
Number Sense 7, or 8 (L) (Sem) or (Full Year)	Theatre Arts Advanced 8+ (FA)
Orchestra 6, 7, or 8 (FA)	Intro to Theatre Tech Level 1 7 or 8 (FA)
Office Aide 7, or 8 + (L)	Touch System Data Entry 7 or 8 (HS) (.5)
Off Campus P.E. 6, 7, 8+	Principles of Information Technology 7 or 8 (HS) (1.0)
	Gateway to Technology 8 (HS) (1.0)

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 beginning with the 6th grade class of 2010-2011.
- (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

### ENGLISH LANGUAGE ARTS, REGULAR BLOCK

**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, POWER READING BLOCK

**Grades:** 6 **2 Semesters**

**Prerequisite:**

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 LANGUAGE ARTS, READING BLOCK FOR DYSLEXIA

**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 LANGUAGE ARTS, PRE-AP BLOCK

**Grades:** 6 **2 Semesters**

**Prerequisite:** Pre-AP 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, PRE-AP GIFTED AND TALENTED BLOCK

**Grades:** 6 **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 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 and Talented students receive instructional services through the Pre-AP/GT course.

### ENGLISH LANGUAGE ARTS

**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.

## **ENGLISH LANGUAGE ARTS, PRE-AP**

**Grades: 7**                      **2 Semesters**  
**Prerequisite:**                **Language Arts 6**

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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, PRE-AP GIFTED AND TALENTED**

**Grades: 7**                      **2 Semesters**  
**Prerequisite:**                **Meets district guidelines**

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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 Pre-AP/GT course.

## **GRADE 8, ENGLISH LANGUAGE ARTS**

**Grades: 8**                      **2 Semesters**  
**Prerequisite:**                **English Language Arts 7**

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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.

## **GRADE 8, ENGLISH LANGUAGE ARTS, PRE-AP**

**Grades: 8**                      **2 Semesters**  
**Prerequisite:**                **English Language Arts 7**

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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, PRE-AP GIFTED AND TALENTED**

**Grades: 8**                      **2 Semesters**  
**Prerequisite:**                **Meets district guidelines**

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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 Pre-AP/GT course.

## **READING LANGUAGE ARTS FOR DYSLEXIA STUDENTS**

**Grades: 7, 8**                      **2 Semesters**  
**Prerequisite:**                **Meets district guidelines**

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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**

**Grades: 7, 8**

**2 Semesters**

**Prerequisite: Meets district guidelines**

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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.

## **READING (ADOLESCENT LITERATURE)**

**Grades: 7 or 8**

**2 Semesters**

**Prerequisite: Meets district guidelines**

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This elective reading course combines group reading and individualized reading experiences for the purpose of improving critical thinking skills and overall reading ability. Instruction includes the following: motivating students to read; providing reading materials for varying interests and abilities; conferencing with students to assess individual response to various reading experiences; and providing reading strategy instruction based on pleasurable and informative material. The primary goal of the course is to promote and enhance reading comprehension.

## **COMMUNICATION APPLICATIONS**

**Grades: 8**

**1 Semester**

**Prerequisite: None**

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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.

# MATHEMATICS

## 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 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. Emphasis will be placed on problem solving through mathematical process standards. This course will include the appropriate use of graphing technology.

**Students will take the Grade 6 STAAR**

## GRADE 6 MATHEMATICS, LIMITED ENGLISH SHELTERED (LES)

**Grades: 6** **2 Semesters**

**Prerequisite: Identified as LEP Student**

*This course will cover the essential elements of Grade 6 math with an emphasis on a variety of methods and modalities for instruction to meet the needs of the limited English speaker.*

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 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. Emphasis will be placed on problem solving through mathematical process standards. This course will include the appropriate use of graphing technology.

**Students will take the Grade 6 STAAR**

## GRADE 6 MATHEMATICS, Advanced (Covers Grade 6

TEKS and selected Grade 7 TEKS prepares students for the completion of Algebra 1 Pre-AP 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.*

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 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 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 take the Grade 6 STAAR**

## GRADE 6 MATHEMATICS Advanced/GT (Covers

Grade 6 TEKS and selected Grade 7 TEKS prepares students for the completion of Algebra 1 Pre-AP in Grade 8)

**KISD #: 6208**

**Grades: 6** **2 Semesters**

**Prerequisite: Grade 5 Math Meets Advanced and District GT 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. GT instructional services are provided through the Advanced classes.*

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 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 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 take the Grade 6 STAAR**

**GRADE 6 MATHEMATICS, Accelerated** (Covers 6, 7 and Grade 8 TEKS prepares students for the completion of Algebra 1 Pre-AP in Grade 7 and Geometry Pre-AP in Grade 8)  
**KID #:** 6209

**Grades:** 6 **2 Semesters**  
**Prerequisite:** Grade 5 Math **Meets Accelerated and District GT Guidelines**

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***This course moves at a faster pace, 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 are highly motivated and interested in a rigorous math program.***

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 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. This course will include the appropriate use of graphing technology.

**Students will take the Grade 7 STAAR**

**GRADE 6 MATHEMATICS, Accelerated/GT** (Covers 6, 7 and Grade 8 TEKS prepares students for the completion of Algebra 1 Pre-AP in Grade 7 and Geometry Pre-AP in Grade 8)  
**KID #:** 6209GT

**Grades:** 6 **2 Semesters**  
**Prerequisite:** Grade 5 Math **Meets Accelerated and District GT Guidelines**

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***This course moves at a faster pace, 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 are highly motivated and interested in a rigorous math program.***

***GT instructional services are provided through the Accelerated class.***

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 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. This course will include the appropriate use of graphing technology.

**Students will take the Grade 7 STAAR**

**GRADE 7 MATHEMATICS**

**KID #:** 7200  
**Grades:** 7 **2 Semesters**  
**Prerequisite:** Grade 6 Math

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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. This course will include the appropriate use of graphing technology.

**Students will take the Grade 7 STAAR**

**GRADE 7 MATHEMATICS, LIMITED ENGLISH SHELTERED (LES)**

**Grades:** 7 **2 Semesters**  
**Prerequisite:** Identified as LEP Student

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***This course will cover the essential elements of Grade 6 math with an emphasis on a variety of methods and modalities for instruction to meet the needs of the limited English speaker. This course is designed to meet the needs of state category 1, 2, 3 and 4 Limited English Proficiency students.***

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. This course will include the appropriate use of graphing technology.

**Students will take the Grade 7 STAAR**

**GRADE 7 MATHEMATICS Advanced** (Covers Select Grade 7 TEKS and Grade 8 TEKS prepares students for the completion of Algebra 1 Pre-AP in Grade 8)

**KISD #: 7201**

**Grades: 7**

**2 Semesters**

**Prerequisite: Grade 6**

**Meets Advanced Guidelines**

**Advanced Math**

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*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.*

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. 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. This course will include the appropriate use of graphing technology.

**Students will take the Grade 7 STAAR**

**GRADE 7 MATHEMATICS Advanced/GT** (Covers

Select Grade 7 TEKS and Grade 8 TEKS prepares students for the completion of Algebra 1 Pre-AP in Grade 8)

**KISD #: 7208**

**Grades: 7**

**2 Semesters**

**Prerequisite: Grade 6**

**Meets Advanced and District GT**

**Advanced Math**

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**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. GT services are provided through the Advanced classes.*

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. 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. This course will include the appropriate use of graphing technology.

**Students will take the Grade 7 STAAR**

**GRADE 8 MATHEMATICS**

**Grades:**

**2 Semesters**

**Prerequisite:**

**None**

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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.

**Students will take the Grade 8 STAAR**

**GRADE 8 MATHEMATICS, LIMITED ENGLISH PROFICIENCY (LES)**

**Grades: 8**

**2 Semesters**

**Prerequisite:**

**Identified as a LEP Student**

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*This course will cover the essential elements of Grade 6 math with an emphasis on a variety of methods and modalities for instruction to meet the needs of the limited English speaker. This course is designed to meet the needs of state category 1, 2, 3 and 4 Limited English Proficiency students.*

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.

**Students will take the Grade 8 STAAR**

## ALGEBRA 1 PRE-AP

Grades: 7 or 8                      2 Semesters, 1 Credit

Prerequisite: Grade 6 Accelerated  
or Grade 7 Advanced Math

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*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 on preparing students for advanced placement mathematics courses. Students in Algebra 1 Pre-AP will take a final examination for the fall semester and a final examination for the spring semester. State credit earned in Algebra 1 Pre-AP 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.

Students will take the Alg 1 EOC

## ALGEBRA 1 PRE-AP/GT

KISD #: 0337Q

Grades: 7 or 8                      2 Semesters, 1 Credit

Prerequisite: Grade 6 Accelerated  
or Grade 7 Advanced Math

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*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 on preparing gifted students for advanced placement mathematics courses. This course may require independent and guided research. GT services are provided through the Pre-AP classes. Students in Algebra 1 Pre-AP will take a final examination for the fall semester and a final examination for the spring semester. State credit earned in Algebra 1 Pre-AP 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.

Students will take the Alg 1 EOC

## GRADE 8 GEOMETRY PRE-AP/GT

KISD #: 0343Q

Advanced Grade Points: yes

Grades: 8

1 Credit

Prerequisite:

Algebra 1 Pre-AP

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*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 on preparing students for advanced placement mathematics courses. State credit earned in Algebra 1 Pre-AP 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.

## **GRADE 6 POWER MATH**

**Grades: 6**                      **2 Semesters**  
**Prerequisite:**                **Meets District Guidelines**

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This course is designed to help students who did not make satisfactory performance on their previous state assessment to improve their performance in mathematics and achieve success on the state assessment. Topics include numerical fluency, problem solving, algebraic reasoning, proportional thinking, ratio, positive rational numbers, and data representation.

## **GRADE 7 POWER MATH**

**Grades: 7**                      **2 Semesters**  
**Prerequisite:**                **Meets District Guidelines**

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This course is designed to help students who did not make satisfactory performance on their previous state assessment to improve their performance in mathematics and achieve success on the state assessment. Topics include numerical fluency, problem solving, algebraic reasoning, proportional thinking, ratio, rational numbers, geometry and comparing of data sets.

## **GRADE 8 POWER MATH**

**Grades: 8**                      **2 Semesters**  
**Prerequisite:**                **Meets District Guidelines**

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This course is designed to help students who did not make satisfactory performance on their previous state assessment to improve their performance in mathematics and achieve success on the state assessment. Topics include numerical fluency, problem solving, algebraic reasoning, proportional relationships, Pythagorean Theorem, and making inferences from data.

## SCIENCE

### GRADE 6 SCIENCE

**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, PRE-AP

**Grades:** 6                      **2 Semesters**  
**Prerequisite:**                      **Pre-AP 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, PRE-AP/GT

**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 Pre-AP course.

### GRADE 6 SCIENCE, LIMITED ENGLISH PROFICIENCY (LES)

**Grades:** 6                      **2 Semesters**  
**Prerequisite:**                      **Meets District Guidelines**

This course is designed to meet the needs of state category 1, 2, 3 and 4 Limited English Proficiency students. 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 the LES student.

### GRADE 6 SCIENCE, ADVANCED

**Grades:** 6                      **2 Semesters**  
**Prerequisite:** **on track for Algebra at least by 8th grade**

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.

### GRADE 7 SCIENCE

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

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.

### GRADE 7 SCIENCE, PRE-AP

**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, PRE-AP/GT

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

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Pre-AP 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 Pre-AP course.

### GRADE 7 SCIENCE, ADVANCED

**Grades:** 7                      **2 Semesters**  
**Prerequisite:** **Grade 7 Advanced Science, on track for Algebra at least by 8th grade**

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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, LIMITED ENGLISH PROFICIENCY (LES)

**Grades:** 7                      **2 Semesters**  
**Prerequisite:**                      **Identified as LEP Student**

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This course is designed to meet the needs of state category 1, 2, 3 and 4 Limited English Proficiency students. 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 the LES student.

### GRADE 7 SCIENCE, LIMITED ENGLISH PROFICIENCY (LES)

**Grades:** 7                      **2 Semesters**  
**Prerequisite:**                      **Identified as LEP Student**

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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.

### GRADE 8 SCIENCE

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

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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.

### GRADE 8 SCIENCE, PRE-AP

**Grades:** 8                      **2 Semesters**  
**Prerequisite:**                      **Pre-AP Guidelines Recommended**

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Pre-AP 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.



## SOCIAL STUDIES

### GRADE 6 CONTEMPORARY WORLD CULTURES

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

This course is a study of people, places, and societies of the contemporary world. 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.

### GRADE 6 CONTEMPORARY WORLD CULTURES, PRE-AP

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

The Pre-AP 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 describe the influence of individuals and groups on historical and contemporary events. Other content focuses on comparing institutions common to all societies.

### GRADE 6 CONTEMPORARY WORLD CULTURES, PRE-AP/GT

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

The Pre-AP-GT social studies course is designed for students who show high levels of aptitude in, interest in, and/or commitment to social studies. Pre-AP-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 Pre-AP course.

### GRADE 6 CONTEMPORARY WORLD CULTURES, LIMITED ENGLISH PROFICIENCY (LES)

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

This course is designed to meet the needs of Limited English Proficiency students. 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 7 TEXAS HISTORY

**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, PRE-AP

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

This Pre-AP 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 PRE-AP/GT

**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 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 Pre-AP course.

## **GRADE 7, TEXAS HISTORY LIMITED ENGLISH PROFICIENCY**

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

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This course is designed to meet the needs of Limited English Proficiency students through an emphasis on vocabulary and conceptual development using instructional strategies based on the English Language Proficiency Standards. 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 8, UNITED STATES HISTORY TO RECONSTRUCTION**

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

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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 19<sup>th</sup> 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, PRE-AP**

**Grades: 8** **2 Semesters**  
**Prerequisite:** **Pre-AP Guidelines Recommended**

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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, PRE-AP/GT**

**Grades: 8** **2 Semesters**  
**Prerequisite:** **Meets District Guidelines**

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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 Pre-AP course.

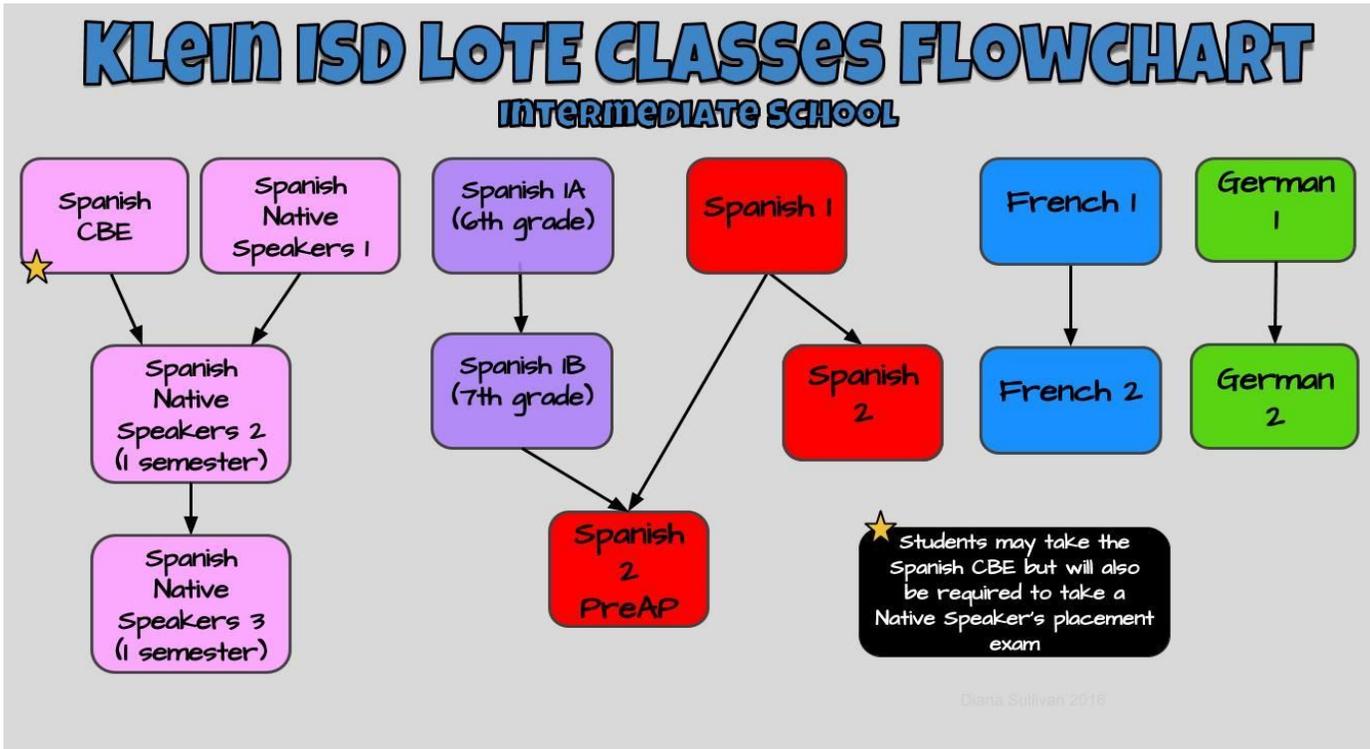
## **GRADE 8 UNITED STATES HISTORY TO RECONSTRUCTION, LIMITED ENGLISH PROFICIENCY (LES)**

**Grades: 8** **2 Semesters**  
**Prerequisite:** **Identified as LEP Student**

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This course is designed to meet the needs of Limited English Proficiency students through an emphasis on vocabulary and conceptual development using instructional strategies based on the English Language Proficiency Standards. 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.

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



### Languages Other than English

#### **FRENCH 1**

**Grades:** 7 or 8  
**Prerequisite:** 2 Semesters, 1 Credit Earned  
 80 earned in ELA or Principal Approval

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**

**Grades:** 8  
**Prerequisite:** 2 Semesters, 1 Credit Earned  
 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**

**Grades:** 7 or 8  
**Prerequisite:** 2 Semesters, 1 Credit Earned  
 80 earned in ELA or Principal Approval

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**

**Grades:** 8  
**Prerequisite:** 2 Semesters, 1 Credit Earned  
 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.



## PHYSICAL EDUCATION

### PHYSICAL EDUCATION

**Grades: 6 and 7 or 8**      **2 Semesters**

**Prerequisite: None**

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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 ATHLETICS/BOYS

**Grades: 7 and/or 8**      **2 Semesters**

**Prerequisite: Coach Recommendation**

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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.

### PE ATHLETICS/GIRLS

**Grades: 7 and/or 8**      **2 Semesters**

**Prerequisite: None**

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The sports offered are volleyball, basketball, track, cross country, tennis and swimming. Girls participating in volleyball, basketball or track will 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.

### HEALTH

**Grades: 8**      **1 Semester**

**Prerequisite: None**

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This course is designed to introduce the fundamental concepts of health education. Emphasis will be on relating personal behavior to wellness. Topics of study shall include personal responsibility for wellness; first aid principles and skills; effects on personal health from the use of alcohol, tobacco and other drugs; and the causes, symptoms, prevention, and treatment of communicable and non-communicable diseases, including sexually transmitted diseases. During the course of instruction in this class, the textbooks, audio-visual 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.

## FINE ARTS

### ART

#### ART, BEGINNING LEVEL 1

**Grades: 6**                      **2 Semesters**

**Prerequisite:**                **None**

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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.

#### ART, INTRODUCTORY LEVEL 1

**Grades: 7 or 8**                **2 Semesters**

**Prerequisite:**                **None**

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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.

#### ART, INTERMEDIATE LEVEL 2

**Grades: 6 and 7 or 8**        **2 Semesters**

**Prerequisite:**                **None**

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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.

#### ART, ADVANCED LEVEL 3

**Grades: 8**                      **2 Semesters**

**Prerequisite:**                **Successful completion of Art, Intermediate and Portfolio Review**

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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.

#### ART 1 (High School Credit)

**Grades: 8**                      **2 Semesters, 1 Credit Earned**

**Prerequisite:**                **Successful completion of Art, Intermediate and Portfolio Review**

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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. **This course may not be offered on all campuses each year.**

### THEATRE ARTS

#### THEATRE ARTS, BEGINNING LEVEL 1

**Grades: 6**                      **2 Semesters**

**Prerequisite:**                **None**

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This course provides a general introduction to theatre. Students develop concepts about self, relationships, and environment that are demonstrated through creative expression and limited performance. Students explore the relationship of theatre to history, society, and culture and respond to and evaluate theatre and theatrical performances.

### **THEATRE ARTS, INTRODUCTORY LEVEL 1**

**Grades: 7 or 8**                      **2 Semesters**

**Prerequisite:**                      **None**

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This course, like the Beginning Level 1 sixth grade course, provides a general introduction to theatre. Students develop concepts about self, relationships, and environment that are demonstrated through creative expression and limited performance. Students explore the relationship of theatre to history, society, and culture and respond to and evaluate theatre and theatrical performance.

### **THEATRE ARTS, INTERMEDIATE LEVEL 2**

**Grades: 7 or 8**                      **2 Semesters**

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

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This course focuses on an increasingly deeper student understanding of theater 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 the relationship of theatre to history, society, and culture and respond to and evaluate theatre and theatrical performances.

### **INTRO TO THEATRE TECH, LEVEL 1**

**Grades: 7 or 8**                      **1 Semester**

**Prerequisite:**                      **None**

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This one semester 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.

### **THEATRE ARTS, ADVANCED LEVEL 3**

**Grades: 8**                              **2 Semesters**

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

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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.

## **MUSIC**

### **BAND, BEGINNING LEVEL 1**

**Grades: 6**                              **2 Semesters**

**Prerequisite:**                      **Interview with Band Director**

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Beginning Band is open to all students interested in learning to play a wind 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 are expected to rent or purchase an instrument at their expense. 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.

### **BAND, LEVEL 2 AND 3**

**Grades: 7 or 8**                      **2 Semesters**

**Prerequisite:**                      **Audition**

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The band program consists of Cadet, Concert, and Symphonic Band. Some instruments are provided by the school 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 band, extra rehearsals will be scheduled before or after school. Students are expected to attend all rehearsals and performances.

### **CHOIR, BEGINNING LEVEL 1**

**Grades: 6, 7 or 8**                      **2 Semesters**

**Prerequisite:**                      **None**

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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 would require some extra rehearsal before or after school and may be asked to furnish performance apparel.

### **CHOIR, LEVEL 2 AND 3**

**Grades: 7 or 8**                      **2 Semesters**

**Prerequisite:**                      **Audition**

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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. Prior choir experience is not 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 will be scheduled before or after school. Students are expected to attend all rehearsals and performances and may be asked to furnish performance apparel.

### **ORCHESTRA, BEGINNING LEVEL 1**

**Grades: 6, 7 or 8**                      **2 Semesters**

**Prerequisite:**                      **Interview with Orchestra  
Director**

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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.

### **ORCHESTRA, LEVEL 2 AND 3**

**Grades: 6, 7 or 8**                      **2 Semesters**

**Prerequisite:**                      **Audition**

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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.



The Klein ISD Career & Technical Education (CTE) & Technology Applications programs will serve and inspire learners to apply rigorous academic and technical skills essential for college and career success.

Visit [promise2purpose.net](http://promise2purpose.net) to discover your pathway with CTE & Technology Applications!

### GATEWAY TO TECHNOLOGY

**\*CONCURRENT ENROLLMENT REQUIRED IN:**

**Semester 1: Design, Modeling and Automation**

**KISD #: 9487**

**Grades: 8** **0.5 Credit/High School Credit**

**Semester 2: Applied Science and Technology**

**KISD #: 9488**

**Grades: 8** **0.5 Credit/High School Credit**

**Prerequisite: None**

**Recommended Prerequisite: Strong Math and Science Skills**

**Design, Modeling and Automation** - Students apply the design process to solve problems and understand the influence of creativity and innovation in their lives. They work in teams to design an ankle foot orthosis and toys for children with disabilities, capturing research and ideas in their engineering notebooks. Using design software, students create a virtual image of their designs. Through hands-on projects, students explore electricity, the behavior and parts of atoms, and sensing devices.

**Applied Science and Technology** - Students trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use a robotics platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms.

**Required Fee/Materials:** Yes

### TOUCH SYSTEM DATA ENTRY

**KISD #: 914018** **PEIMS: 13011300**

**Grades: 7-10** **0.5 Credit**

**Prerequisite: None**

Students will apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the production of business documents.

**Required Fee/Materials:** Yes

### PRINCIPLES OF INFORMATION TECHNOLOGY

**KISD #: 9332J18**

**PEIMS: 13027200**

**Grades: 7-8**

**1.0 Credit/High School Credit**

**Prerequisite: None**

Students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will use word processing, spreadsheet, presentation and desktop publishing software applications to enhance reading, writing, computing, communication and reasoning skills. Students will also have opportunities to develop keyboarding skills or enhance their keying accuracy and speed.

**Required Fee/Materials:** Yes

### PRINCIPLES OF HUMAN SERVICES

**KISD #: 933118**

**PEIMS: 13024200**

**Grades: 7-10**

**1.0 Credit**

**Prerequisite: None**

Students will gain the knowledge and skills related to personal human development. The course will enable students 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:** Yes

### PROFESSIONAL COMMUNICATIONS

**KISD #: 9700J18**

**PEIMS: 13009900**

**Grades: 7-10**

**0.5 Credit/High School Credit**

**Prerequisite: None**

This is an activity based career development course in which students will develop an understanding of professional communications through exploration of the career clusters. Students will explore a variety of career options and activities including formal and informal presentations, resume writing, and job interviewing. Students will exhibit public relations skills, leadership characteristics, knowledge of the global economy, and information technology applications.

## DIGITAL DESIGN AND MEDIA PRODUCTION

KISD #: 4922J

PEIMS: 03580400

Grades: 8

1.0 Credit/High School Credit

Recommended Pre-req:

**Strong reading and comprehension skills and ability to work independently**

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The Digital Design and Media Production (DDMP) class meets in a computer lab where students will obtain hands-on experience working with a variety of media tools (graphic/image, audio and video) to design multimedia projects. Students will 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:** Yes

## DIGITAL COMMUNICATION IN THE 21<sup>ST</sup> CENTURY

KISD #: 4923J

PEIMS: 03580610

Grade: 8

1.0 Credit/High School Credit

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Students will be expected to design and present an effective product based on well-researched issues in order to thoughtfully propose suggested solutions to authoritative stakeholders. The outcome of the process and product approach is to provide students an authentic platform to demonstrate effective application of multimedia tools within the contexts of global communication and collaborative communities and appropriately share their voices to affect change that concerns their future.

The Klein Independent School District offers career and technical education courses through multiple pathways. Admission to these is based on interest, age appropriateness, required prerequisites, and class space availability.

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

It is the policy of Klein ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

The Klein Independent School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact the Title IX Coordinator, Mr. Thomas Young, at 16607 Stuebner Airline Road, Klein, Texas, 77379-7376, telephone 832.249.4301, and/or the Section 504 Coordinator, Dr. Kirsten Allman, at 4411 Louetta Road, Spring, Texas, 77388-4414, telephone 832.249.4400.

## OTHER ELECTIVES

### CRAFTS (LOCAL ELECTIVE)

**Grades:** 7 or 8                      **1 Semester**  
**Prerequisite:**                      **None**

This course emphasizes visual perception and fine motor skills through the production of projects that use a variety of craft techniques and materials. Students will furnish or pay for materials used in individual projects. **THIS COURSE WILL NOT SATISFY THE FINE ARTS REQUIREMENT.**

### NUMBER SENSE (LOCAL ELECTIVE)

**Grades:** 7 or 8                      **1 or 2 Semesters**  
**Prerequisite:**                      **None**

This course will focus on developing number sense and problem solving skills through the study of such topics as "mental math," use of calculators, number theory, probability and statistics, and history of math. This course is for students interested in developing speed and accuracy in doing mental mathematical calculations and especially useful for students interested in math competition. This is not a remedial math class.

### ESL STUDY SKILLS IN THE CONTENT AREA (LOCAL ELECTIVE)

**Grades:** 6, 7 or 8                      **1 Semester**  
**Prerequisite:**                      **Identified as LEP student,  
Counselor Approval**

This local credit elective course is designed for Level 1 Limited English Proficient students who have had little or no instruction in the English Language. These students score NES (Non-English Speaker) on the IPT IDEA Oral Language Proficiency Test. The course concentrates on skills necessary for success in English for Speakers of Other Languages and academic courses in the student's program.

### OFFICE AIDE (LOCAL ELECTIVE)

**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.

## PATH

### PATH , Next Steps

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

The Path-Next Step system of study is a continuation of the Path-First Step offered to all 5th grade students. This elective course is part of a college and career readiness system that provides students with instructional support in all Pre AP courses through in-class and after school tutoring. 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 1- COLLEGE AND CAREER READINESS

**Klein ISD# 9917**

**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 Pre-AP/Pre-IP courses through in-class and after school 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.

## HIGH SCHOOL CREDIT 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).*

<b>Course</b>	<b>Credits</b>
Algebra 1 PreAP/PreAP/GT	1.0
Biology	1.0
Spanish 1/French 1	1.0
Spanish II/French II	1.0
Art 1 (elective)	1.0
Path 1, College & Career Readiness	1.0
Digital Communications in the 21 <sup>st</sup> Century	1.0
Digital Design and Media Production	1.0
Communication Applications	0.5
Health	0.5
Principles of Human Services	1.0
Touch System Data Entry	0.5
Professional Communications/Career Focus	0.5
Gateway to Technology I – Design, Modeling and Automation (Project Lead the Way)	0.5
Gateway to Technology II – Applied Science and Technology (Project Lead the Way)	0.5
Principles of Information Technology	1.0

## GRADUATION REQUIREMENTS

### FOUNDATION WITH ENDORSEMENT GRADUATION PLAN

	Foundation w/ Endorsement	Distinguished
<b>Credits</b>	<b>26</b>	<b>26</b>
English	4	4
Math	4	4*
Science	4	4
Social Studies	3	3
P.E.	1	1
World Language	2	2
Fine Arts	1	1
Electives	7	7
		*Must include Alg. 2

***Student will select an endorsement in one of five areas:***

- *STEM*
- *Business and Industry*
- *Public Service*
- *Arts and Humanities*
- *Multidisciplinary*

For more information, please visit [www.promise2purpose.net](http://www.promise2purpose.net)

## SPECIAL EDUCATION

In compliance with 19 TAC Chapter 75, students in special education are provided a well- balanced curriculum. Students with special needs are instructed in the Texas Essential Knowledge Skills in a manner appropriate to their needs per their ARD committee decisions in the courses listed below. (Refer to pages 4-26 for descriptions of these courses.)

### ALTERNATE ACADEMICS

English Language Arts, grades 6, 7, 8  
Reading, grades 6, 7, 8  
Math, grades 6, 7, 8  
Science, grades 6, 7, 8  
Social Studies, grades 6, 7, 8  
Vocational, grade 6, 7, 8  
Personal Health, grades 6, 7, 8

### RESOURCE

English Language Arts, grades 6, 7, 8  
Reading, grades 6, 7, 8  
Reading Elective, grades 6, 7, 8  
Math , grades 6, 7  
Math Elective, grade 6,7,8  
Study Skills, grades 6, 7, 8

### CO-TEACHING (CO 1, CO 2, or SF)

English/Language Arts 6, 7, 8  
Math 6, 7, 8  
Science, grade 6, 7, 8  
Social Studies, grade 6, 7, 8

### ADAPTED P.E.

Adapted P.E., grades 6, 7, 8