

# HAL PETERSON

*Middle School*



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Course Catalog

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2023 – 2024



# Kerrville ISD Profile of a Graduate



*Kerrville ISD-An educational leader in the heart of the Hill Country,  
inspiring all students to become lifelong learners and productive citizens.*



# KERRVILLE ISD VISION 2021

**An educational leader in the heart of the Hill Country, inspiring all students to become lifelong learners and productive citizens.**

## *We Value...*

- Students first
- Personalized Learning experiences
- Preparing students for the future
- Continuous learning and improvement for KISD
- Sound fiscally and aligned resources and goals

## *We Believe...*

1. Students come first in KISD.
2. Our employees are our district's greatest asset and we are a family in KISD.
3. KISD is a values driven and data informed organization.
4. KISD will foster a positive environment for learning and teaching and for connecting with our community.
5. Every student deserves the highest quality learning experiences.
6. KISD inspires lifelong learning and a culture of continuous improvement for all students and staff.
7. KISD will be a destination district in our region and State for academics, athletics, fine arts, and student programming.

## *KISD Will...*

Provide students with engaging, rigorous, and personalized academic and social-emotional learning experiences to meet individual student needs, foster student ownership in learning and develop 21st century skills for lifelong learning.

Ensure students are future ready and build a strong academic foundation for students in literacy and math by ensuring all students are reading on grade level by grade 3 and remain on grade level and by ensuring all students successfully complete algebra coursework.

Empower all students to identify post-secondary pathways and provide personalized support for college, career, and military readiness through Science Technology Engineering Arts & Math (STEAM), Career and Technology Education (CTE), workforce certification, college credit, Advanced Placement and other program opportunities.

Recruit, develop and retain employees that are student centered, focused on continuous learning and improvement, passionate, innovative, collaborative, goal oriented and ethical.

Maintain sound fiscal management of district budgets by aligning resources to improve student learning, ensure future ready students and meet district goals while continuously advocating for an adequate and equitable Texas public school finance system.

*"Educational Excellence in the Hill Country"*

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## **Hal Peterson Mission Statement**

The mission of Hal Peterson Middle School is to do whatever it takes to provide:

- A successful middle school experience for all students
- A relevant and meaningful education to empower future learning
- Guidance and compassion to help students build self-reliance

## **Hal Peterson Vision Statement**

SPIKES for SUCCESS, Nothing Less!

SPIKES = Spikes Prevail In Knowledge, Empathy and Success

## **Hal Peterson Motto**

“Spikes to Antlers, Growth to Graduation”

## **A Letter from the Principal**

Dear Spikes,

Your middle school years are the gateway to preparing for Tivy High School and what you want to do after graduation! This course catalog has been written to help you make informed decisions about your classes and consider what you might be most interested in taking as you move through the grades. Please take the time to plan carefully and use the resources in here! Remember, middle school is a time to explore different classes and find out which ones excite you the most! If you already have a love for band, choir, orchestra, art or athletics; continue to pursue those courses. If you are still looking for a special course, take the time to check out our CTE or LOTE sections of electives. No matter what you decide, there are many classes available to help you find what interests you the most!

Sincerely,

Mrs. Althaus



# Contact Information

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## Hal Peterson Middle School

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### Administration

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### Diagnostician

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### Nurse

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### School Resource Officer

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Kerrville Independent School District does not discriminate on the basis of sex, disability, race, color, age or national origin in its educational programs, activities, or employment as required by Title IX, Section 504 and Title VI. Courses described in this booklet will not be taught if enrollment is insufficient. Course approval is necessary for any course taken for high school credit.

## COURSE SELECTION PROCESS

### STEP ONE – Review Course Catalog and Offerings

- Read through the Course Catalog, and highlight or mark the courses that interest you.
- Select courses that will help you prepare for your future goals.
- Make sure you have met the prerequisites for each course you are interested in taking.
- Horizons courses and Pre-AP courses are great to choose if you are interested in attending college.

### STEP TWO – Plan Your Courses

- Review the course requirements listed below.
- Use the planning guide below to decide which courses you would like to select as your top choices.
- Write your selection on your course selection form.
- Make sure you have second, third and fourth options selected and marked correctly on your form.

### STEP THREE – Parent/Guardian Approval

- With your parents or guardians, discuss which courses you are choosing and why you selected each one.
- Listen to any ideas or suggestions from your parents or guardians.
- Have your parent or guardian sign the bottom of your form then return it to your school counselor.

## MIDDLE SCHOOL COURSE REQUIREMENTS

The courses offered at HPMS meet and exceed the requirements set forth by the Texas Education Agency. The required courses for your grade level are listed below.

#### REQUIRED FOR SIXTH GRADE

- English, Language Arts & Reading (RLA)
- Math
- Science
- World History & Geography
- PE or Pre-Athletics
- 1 Elective\*

#### REQUIRED FOR SEVENTH GRADE

- English, Language Arts & Reading (RLA)
- Math
- Science
- Texas History & Geography
- PE or Athletics
- 1 Elective\*

#### REQUIRED FOR EIGHTH GRADE

- English, Language Arts & Reading (RLA)
- Math
- Science
- US History through Reconstruction
- 2 Electives\*

\*In accordance with House Bill 3, all middle school students must complete one full year of fine arts courses during grades 6, 7 or 8. HPMS is on a semester system. There are two semesters each school year.

## MIDDLE SCHOOL PLANNING GUIDE

As you create your pathway and develop a challenging personal academic plan, use the middle school planning guide below to think ahead to the courses you want to complete by the end of 8<sup>th</sup> grade. Your middle school coursework will have an impact on your high school plans and what you want to do after graduation (see pages 20 -21). When picking your electives, remember to also consider the classes that you have already significantly grown your skills in, such as band, orchestra, choir or athletics.

6 <sup>th</sup> Grade	7 <sup>th</sup> Grade	8 <sup>th</sup> Grade
Reading & Language Arts (Academic or Horizons)	Reading & Language Arts (Academic or Horizons)	Reading & Language Arts (Academic or Horizons)
Math (Academic or Horizons)	Math (Academic or Horizons)	Math (Academic or Algebra I)
Science (Academic or Horizons)	Science (Academic or Horizons)	Science (Academic or Horizons)
Social Studies (Academic or Horizons)	Social Studies (Academic or Horizons)	Social Studies (Academic or Horizons)
Physical Education (PE or Pre-Athletics)	Physical Education (PE, Fitness for Life or Athletics)	Elective
Elective	Elective	Elective



# Reading & Language Arts (RLA)

## SIXTH GRADE COURSES

### Reading & Language Arts

- 6<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Two class periods per day

In this course, you will continue to increase your literacy skills in listening, speaking, reading, writing and thinking. You will also focus on connections in literacy through daily academic conversations, writing and reading. You will build on your prior knowledge and skills to read increasingly complex text selected by you and your teacher. You will also continue to grow your vocabulary and focus on the author's craft. You will research and write in order to continue to build your skills in multiple writing styles.

### Horizons Reading & Language Arts

- 7<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Two class periods per day
- Open-Enrollment (No Prerequisites)

In this course, you will cover the same skills listed in the description for English Language Arts & Reading Grade 6 (on the left) while challenging your thinking and developing deeper critical thinking skills through daily close observation and analysis, evidence-based writing, high-order questioning, and academic conversation.

## SEVENTH GRADE COURSES

### Reading & Language Arts

- 7<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Two class periods per day

In this course, you will continue to increase your literacy skills in listening, speaking, reading, writing and thinking. You will also focus on connections in literacy through daily academic conversations, writing and reading. You will build on your prior knowledge and skills to read increasingly complex text selected by you and your teacher. You will also continue to grow your vocabulary and focus on the author's craft. You will research and write in order to continue to build your skills in multiple writing styles.

### Horizons Reading & Language Arts

- 7<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Two class periods per day
- Open-Enrollment (No Prerequisites)

In this course, you will cover the same skills listed in the description for English Language Arts & Reading Grade 7 (on the left) while challenging your thinking and developing deeper critical thinking skills through daily close observation and analysis, evidence-based writing, high-order questioning, and academic conversations. These skills will help you prepare for Pre-AP (Advanced Placement) and AP courses at Tivy High School. Also, this Horizons course is one of the first-steps in developing the skills needed to continue your education after high school graduation.

### EIGHTH GRADE COURSES

#### Reading & Language Arts

- 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Two class periods per day

In this course, you will continue to increase your literacy skills in listening, speaking, reading, writing and thinking. You will also focus on connections in literacy through daily academic conversations, writing and reading. You will build on your prior knowledge and skills to read increasingly complex text selected by you and your teacher. You will also continue to grow your vocabulary and focus on the author's craft. You will research and write in order to continue to build your skills in multiple writing styles. This course prepares you for the transition to high school English courses.

#### Horizons Reading & Language Arts

- 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Two class periods per day
- Open-Enrollment (No Prerequisites)

In this course, you will cover the same skills listed in the description for English Language Arts & Reading Grade 8 (on the left) while challenging your thinking and developing deeper critical thinking skills through daily close observation and analysis, evidence-based writing, high-order questioning, and academic conversations. These skills will help you prepare for Pre-AP (Advanced Placement) and AP courses at Tivy High School. Also, this Horizons course is one of the first-steps in developing the skills needed to continue your education after high school graduation.

## MATHEMATICS

### SIXTH GRADE COURSES

#### Math

- 6<sup>th</sup> Grade
- Full Year Course (Two Semesters)

In this course, you will focus on numbers and operations, proportionality, expressions, equations and relationships, and measurement and data. You will learn about geometric figures and their attributes and engage in using measurements to solve problems.

#### Horizons Math

- 6<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)

In this course, you will cover the 6<sup>th</sup> grade learning standards for mathematics along with the some of the 7<sup>th</sup> grade learning standards. (See Math Grade 6 and Math Grade 7 for an overview). You will learn at an accelerated pace to cover all the learning standards needed to prepare to take Algebra I in 8<sup>th</sup> grade which will set you on the path to gain high school credits before you leave HPMS.

# MATHEMATICS (Cont.)

## SEVENTH GRADE COURSES

### Math

- 7<sup>th</sup> Grade
- Full Year Course (Two Semesters)

In this course, your main focus will be on using direct proportional relationships in numbers, geometry and measurements. You will also use probability and statistical measures to describe data and make predictions about the data.

### Horizons Math

- 7<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)

In this course, you will cover the 7<sup>th</sup> grade learning standards for mathematics along with the majority of the 8<sup>th</sup> grade learning standards. (See Math Grade 7 and Math Grade 8 for an overview). You will learn at an accelerated pace to cover all the learning standards needed to prepare to take Algebra I in 8<sup>th</sup> grade which will set you on the path to gain high school credits before you leave HPMS. This course will also help you prepare for Pre-AP (Advanced Placement) and AP courses at Tivy High School. Also, this Horizons course is one of the first-steps in developing the skills needed to continue your education after high school graduation.

## EIGHTH GRADE COURSES

### Math

- 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)

In this course, your main focus will be on using the foundations of algebra to analyze and represent both proportional and non-proportional linear relationships to describe data and make predictions.

*\*Calculators are available to students for in-class use in appropriate math courses. Algebra I and 8<sup>th</sup> Grade math students are encouraged to obtain their own graphing calculator for personal use on homework and projects. Calculator models that are recommended; TI83 or TI84.*

### Algebra I (Pre-AP)

- 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment
- High School Endorsements:  
Multidisciplinary & STEM Mathematics

Successful completion of Algebra I counts for high school credit. This course will serve as the foundation for the rest of your math classes through graduation.

In this course, you will cover the remaining 8<sup>th</sup> grade learning standards and extend beyond the state Algebra I standards as you develop the key concepts needed for Pre-AP (Advanced Placement), AP and college credit-bearing courses at Tivy High School. This course will also prepare you to begin Geometry Pre-AP in 9<sup>th</sup> grade.

*\*Calculators are available to students for in-class use in appropriate math courses. Algebra I and 8<sup>th</sup> Grade math students are encouraged to obtain their own graphing calculator for personal use on homework and projects. Calculator models that are recommended; TI83 or TI84.*

# SCIENCE

## SIXTH GRADE COURSES

### Science

- 6<sup>th</sup> Grade
- Full Year Course (Two Semesters)

In this course, you will build upon the learning standards from fifth grade; however, the main focus will be on physical science. You will use the scientific inquiry method during investigations to study classification and properties of matter, the movement and transfer of energy, forces and motion, the structure of the Earth, the organization of our solar system, the classification of living organisms and interactions within ecosystems.

### Horizons Science

- 7<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)

In this course, you will cover the same skills listed in the description for Science Grade 6 (on the left) while participating in collaborative lab investigations and projects where you will analyze real-world situations and enhance your development of scientific process skills. Independent reading, analytical writing and in-depth discussions will equip you with conceptual understanding and critical thinking.

## SEVENTH GRADE COURSES

### Science

- 7<sup>th</sup> Grade
- Full Year Course (Two Semesters)

In this course, you will build upon the learning standards from sixth grade; however, the main focus will be on organisms and the environment. You will use the scientific inquiry method during investigations to study the flow of matter and energy through systems, the impact of natural events and human activity on ecosystems, structures and functions in organisms, and the role of genetic material.

### Horizons Science

- 7<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)

In this course, you will cover the same skills listed in the description for Science Grade 7 (on the left) while participating in collaborative lab investigations and projects where you will analyze real-world situations and enhance your development of scientific process skills. Independent reading, analytical writing and in-depth discussions will equip you with the conceptual understanding and critical thinking needed for Pre-AP (Advanced Placement) and AP courses at Tivy High School. Also, this Horizons course is one of the first-steps in developing the skills needed to continue your education after high school graduation.

## Science (Cont.)

### EIGHTH GRADE COURSES

#### Science

- 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)

In this course, you will build upon the learning standards from seventh grade; however, the main focus will be on earth and space science. You will use the scientific inquiry method during investigations to study the atom and chemical reactions, Newton's Laws of Motion, the characteristics of the universe, the impact of natural events and climatic interactions on the Earth's systems, and the interdependence among living systems.

#### Horizons Science Grade 8

- 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)

In this course, you will cover the same skills listed in the description for Science Grade 8 (on the left) while participating in collaborative lab investigations and projects where you will analyze real-world situations and enhance your development of scientific process skills. Independent reading, analytical writing and in-depth discussions will equip you with the conceptual understanding and critical thinking needed for Pre-AP (Advanced Placement) and AP courses at Tivy High School. Also, this Horizons course is one of the first-steps in developing the skills needed to continue your education after high school graduation.

## SOCIAL STUDIES

### SIXTH GRADE COURSES

#### World History & Geography

- 6<sup>th</sup> Grade
- Full Year Course (Two Semesters)

In this course, you will study people, places and societies of the modern world, as well as the influence of individuals and groups on historical and modern events within these societies. You will also learn about the different religions, governments, economics and educational systems around the world. You will learn to use primary and secondary sources to acquire information about different societies around the world.

#### Horizons World History & Geography

- 6<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)

In this course, you will cover the same skills listed in the description for World History & Geography Grade 6 (on the left) while going more in depth through thoughtful discussions, reading and an emphasis on writing and analytical skills. You will use primary and secondary sources to acquire information about different societies around the world.

### SEVENTH GRADE COURSES

#### Texas History

- 7<sup>th</sup> Grade
- Full Year Course (Two Semesters)

In this course, you will study the history of Texas from prehistory to the present. This historical content is integrated with the study of geography, economics, government, citizenship, culture, science, technology, and society, as well as social studies skills. You will use primary and secondary sources to acquire information about Texas.

#### Horizons Texas History

- 7<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)

In this course, you will cover the same skills listed in the description for Texas History Grade 7 (on the left) while going more in depth through thoughtful discussions, reading and an emphasis on writing and analytical skills. You will use primary and secondary sources to acquire information about Texas. This course will equip you with conceptual understanding and critical thinking skills needed for Pre-AP (Advanced Placement) and AP courses at Tivy High School. Also, this Horizons course is one of the first-steps in developing the skills needed to continue your education after high school graduation.

### EIGHTH GRADE COURSES

#### American History

- 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)

In this course, you will study the United States from the early colonial period to Reconstruction (1887) and the political, social, and economic events that shaped the present country. You will also learn about the development of the government of the United States, the Constitution, and citizenship. You will use primary and secondary sources to acquire information about the United States.

#### Horizons American History

- 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)

In this course, you will cover the same skills listed in the description for American History Grade 8 (on the left) while going more in depth through thoughtful discussions, reading and an emphasis on writing and analytical skills. This course will equip you with the conceptual understanding and critical thinking needed for Pre-AP (Advanced Placement) and AP courses at Tivy High School. Also, this Horizons course is one of the first-steps in developing the skills needed to continue your education after high school graduation.

# PHYSICAL EDUCATION

## SIXTH GRADE COURSES

### Pre-Athletics

- 6<sup>th</sup> Grade
- Full Year Course (Two Semesters)

In this course, you will prepare for 7<sup>th</sup> & 8<sup>th</sup> grade athletics by participating in rigorous workouts which condition you to be physically fit for junior high team sports. You will also work on skill development for the athletic teams offered in 7<sup>th</sup> & 8<sup>th</sup> grade. Your health class is part of pre-athletics. You are expected to maintain academic (grade) eligibility for the year and must consistently dress out for class in the Spikes athletic uniform which is available for purchase at Fitness First. In addition, **you must have a physical examination and parent permission.** Medical insurance is not required although it is strongly recommended.

## SIXTH & SEVENTH GRADE COURSES

### Physical Education (P.E.)

- 6<sup>th</sup> & 7<sup>th</sup> Grade
- Full Year Course (Two Semesters)

In this course, you will learn how to be physically active over your lifetime. Lessons and activities will focus on cardiovascular endurance, muscular endurance, muscular strength, flexibility and body composition. Through wellness and health units, individual sports and team sports, cooperative and team building activities, you will gain the knowledge and skills to continue being active throughout your lifetime. For 6<sup>th</sup> graders, your health class is part of P.E.

## SEVENTH & EIGHTH GRADE COURSES

### Athletics

- 7<sup>th</sup> & 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)

In this course, you are expected to maintain academic (grade) eligibility for the year and must consistently dress out for class in the Spikes athletic uniform which is available for purchase at Fitness First. In addition, **you must have a physical examination and parent permission.** Medical insurance is not required although it is strongly recommended. All students are expected to participate in at least one sport. The program includes:

- Basketball
- Cross Country
- Football
- Volleyball
- Tennis (Beginning & Advanced)
- Track

### Fitness for Life

- 7<sup>th</sup> & 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)

In this course, you will learn fundamental skills for remaining healthy throughout your life. You will goal set and track the improvements in your fitness over time. This course is an excellent choice for students who want to play a sport at Tivy High School, but will not be trying out for junior high sports.



## FINE ARTS

### SIXTH & SEVENTH GRADE COURSES

#### Art Exploratory

- 6<sup>th</sup> & 7<sup>th</sup> Grade
- Half Year Course (One Semester)

In this course, you will learn about various art mediums and techniques while focusing on the elements and principles of art. You will explore a variety of art methods that will include drawing, painting, sculpture, and printmaking.

#### Choir Exploratory

- 6<sup>th</sup> & 7<sup>th</sup> Grade
- Half Year Course (One Semester)
- Open-Enrollment (No Prerequisites)

In this course, you will continue to learn basic general music knowledge, skills, and understanding developed in elementary school as well as become equipped with the basic tools of singing. If you are interested in participating in performances but you just want to try choir out, this is the course to choose. You will experience team-building and develop your work ethic through singing in unison and parts on varied types of music. You will perform in an evening concert as the final activity.

### SIXTH, SEVENTH & EIGHTH GRADE COURSES

#### Band

- 6<sup>th</sup>, 7<sup>th</sup> & 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)

In this course, you will be part of the Hal Peterson Band and work on performance music. You do not need any prior experience playing a musical instrument in order to join Band. You will be assigned to a particular instrument and band class based on your individual needs and recommendations from the band director.

#### Choir

- 6<sup>th</sup>, 7<sup>th</sup> & 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)

In this course, you will be part of the Hal Peterson Choir and work on performance music. You do not need any prior experience in choir to enroll in this course. You will be assigned to a specific choir class based on individual needs and recommendations from the choir teacher.

#### Orchestra

- 6<sup>th</sup>, 7<sup>th</sup> & 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open enrollment (No Prerequisites)

In this course, you will be part of the Hal Peterson Orchestra and work on performance music. You do not need prior experience playing a musical instrument in order to join Orchestra. You will be assigned to a specific orchestra class based on individual needs and recommendations from the orchestra director.

#### Theatre Arts I

- 6<sup>th</sup>, 7<sup>th</sup> & 8<sup>th</sup> Grade
- Half Year Course (One Semester)
- Open-Enrollment (No Prerequisites)

In this course, you will be introduced to theatre with a focus on helping you build confidence and skills in using your body and voice in creative communication. You will participate in voice and dictation development, theatre games, pantomime, and a variety of performances.

## **FINE ARTS (Cont.)**

### **SEVENTH & EIGHTH GRADE COURSES**

#### **Theatre Arts II**

- 7<sup>th</sup> & 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Successful completion of Theater Arts I or director approval required

In this course, you will focus on the production of both published and student-created scenes and plays through all phases of production. You will read and analyze scripts, study techniques of acting and directing, construct costumes and props, plan lighting and sound effects, publicize performances, and perform scripted plays. This course will develop your ability to make artistic decisions while setting and meeting realistic goals and deadlines. In this course you will be provided with a comprehensive knowledge of formal play production.

### **EIGHTH GRADE COURSES**

#### **Art I**

- 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)
- High School Endorsement: Arts & Humanities

Successful completion of Art I counts for high school credit. This course will serve as the foundation for the rest of your art classes through high school.

In this course, you will complete work in painting, drawing, printmaking, sculpting and more. This is the course to select if you are interested in expanding your art experience and want a greater artistic challenge. You will gain knowledge of artistic composition, art elements and principles, and technical discipline.

## LANGUAGES OTHER THAN ENGLISH (LOTE)

### EIGHTH GRADE COURSES

#### Spanish I

- 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Successful 7<sup>th</sup> Grade STAAR Reading score
- High School Endorsement: Arts & Humanities

Successful completion of Spanish I counts for high school credit. This course will serve as the foundation for the rest of your languages other than English (LOTE) classes through high school.

In this course, you will begin learning the skills recommended for a multi-year sequence designed to develop your fundamental Spanish skills of listening, speaking, reading and writing. The emphasis of Spanish I is to develop your oral language. The study of introductory vocabulary, phonetics, and grammar are included. The culture of the Spanish-speaking world will be integrated into all aspects of this course. The rigor and pace of this course are in-line with the high school level curriculum.

## **CAREER & TECHNICAL EDUCATION (CTE)**

### **SIXTH, SEVENTH & EIGHTH GRADE COURSES**

#### **College and Career Readiness I**

- 6<sup>th</sup>, 7<sup>th</sup> & 8<sup>th</sup> Grade
- Half Year Course (One Semester)
- Open-Enrollment (No Prerequisites)

In this course, you will develop your college and career readiness skills through the study of technology applications. You will integrate academic skills and real-life events by investigating high school College & Technical Education (CTE) Clusters, graduation endorsements, and postsecondary options through self-assessment and planning linked to personal interests. Field trips and guest speakers are an integral part of the course.

#### **Investigating Careers**

- 6<sup>th</sup>, 7<sup>th</sup> & 8<sup>th</sup> Grade
- Half Year Course (One Semester)
- Open-Enrollment (No Prerequisites)

In this course, you will explore career options and begin investigating career opportunities. You will assess their roles in society, identify the roles of workers, and complete an exploration of the 16 career clusters, which include Science, Technology, Engineering, and Math (STEM). You will immerse yourself in each career cluster as you thoroughly explore careers. You will create research-based presentations, keep and maintain an engineering notebook as you create a product under the career cluster. You are able to select career pathways and occupations for further study in high school and beyond. This course will also help you identify and demonstrate the workplace skills that employers desire in their future employees. Unit examples include 3D printing, programming/coding, bridge building, Lego EV3 robotics, Arduino circuitry, Aviation, drones and more.

### **SEVENTH & EIGHTH GRADE COURSES**

#### **Touch System Data Entry**

- 7<sup>th</sup> & 8<sup>th</sup> Grade
- Half Year Course (One Semester)
- Open-Enrollment (No Prerequisites)

Successful completion of Touch System Data Entry counts for high school credit. This course will serve as the foundation for the rest of your business classes through high school.

In this course, you will apply technical skills to address business applications of emerging technologies. You will enhance reading, writing, computing, communication, and reasoning skills then apply them to the business environment. You will be able to apply touch system data entry skills for production of business documents.

### EIGHTH GRADE COURSES

#### Principles of Business, Marketing & Finance

- 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)
- High School Endorsement: Business & Industry

Successful completion of Principles of Business, Marketing & Finance counts for high school credit. This course will serve as the foundation for the rest of your accounting and financial classes through high school.

In this course, you will gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising and product pricing. You will analyze the sales process and financial management principles. This course allows you to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing and finance.

#### Principles of Health Science

- 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)
- High School Endorsement: Public Services

Successful completion of Principles of Health Science counts for high school credit. This course will serve as the foundation for the rest of your healthcare therapeutic classes through high school.

In this course, you will receive an overview of therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry.

#### Principles of Art, A/V Technology & Communication

- 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)
- High School Endorsement: Business & Industry

Successful completion of Principles of Art, A/V Technology & Communication counts for high school credit. This course will serve as the foundation for the rest of your design and digital communication classes through high school.

In this course, you will explore basic elements of design, including an introduction to some of the Adobe Creative Suite and Microsoft Office Suite. You will utilize a variety of media to explore individual expression and learn to analyze work to further your artistic growth.

#### Principles of Applied Engineering

- 8<sup>th</sup> Grade
- Full Year Course (Two Semesters)
- Open-Enrollment (No Prerequisites)
- High School Endorsement: STEM

Successful completion of Principles of Applied Engineering counts for high school credit. This course will serve as the foundation for the rest of your manufacturing and mechanics classes through high school.

In this course, you will receive an overview of various fields of science, technology, engineering, and mathematics and their interrelationships. You will develop engineering communication skills, which include computer graphics, modeling, and presentations, by using a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, you will understand the various fields of engineering and will be able to make informed career decisions. Further, you will have worked on a design team to develop a product or system. You will use multiple software applications to prepare and present course assignments. **This course is a prerequisite for high school Robotics I**

## **ADDITIONAL ELECTIVES**

### **SIXTH, SEVENTH & EIGHTH GRADE COURSES**

#### **Teen Leadership**

- 6<sup>th</sup>, 7<sup>th</sup> & 8<sup>th</sup> Grade
- Half Year Course (One Semester)
- Open-Enrollment (No Prerequisites)

In this course, you will be provided opportunities to develop leadership, personal, and business skills. You will improve your public speaking and communication skills and acquire an understanding of personal image. You will also learn more about group dynamics, problem-solving, team building, motivation and goal-setting.

### **SEVENTH GRADE COURSES**

#### **Health**

- 7<sup>th</sup> Grade
- Half Year Course (One Semester)
- Open-Enrollment (No Prerequisites)

In this course, you will explore topics such as physical, mental, and social well-being, infections and chronic disease, sex education, chemical abuse, and other current and timely issues. This course emphasizes making choices and decisions based on healthy attitudes and on the basic understanding of why it is important to live a physically fit life. You will learn social skills needed to work independently and with others.

## SUPPLEMENTARY INFORMATION

### HORIZONS COURSES

Horizons courses will help you prepare for Pre-AP (Advanced Placement) and AP courses at Tivy High School. Also, our Horizons courses are one of the first-steps in developing the skills needed to continue your education after high school graduation.

### COURSE LIMITATIONS

Some courses listed in this guide may not work with some students' schedules due to availability, scheduling conflicts, or cancellations resulting from limited enrollment; therefore, students should plan for alternative courses.

Courses may be offered but will not be scheduled unless enrollment is sufficient to do so. Courses may be added by the Texas Education Agency (TEA) and the State Board of Education (SBOE) or by local decision at any time.

*It is the intent of Hal Peterson Middle School to offer all courses in this catalog unless otherwise stated. However, some courses may not be offered if sufficient student interest/enrollment is not evident.*

## HIGH SCHOOL CREDITS, REQUIREMENTS, ENDORSEMENTS & PATHWAYS

### AWARD OF HIGH SCHOOL CREDIT(S)

A 70 or greater is required to earn credit for a course. For full year courses, the two semester grades will be averaged for one final grade. This grade must equal a 70 or higher for you to receive full credit for the course. You will be given credit for each semester grade that is a 70 or above. Grades earned in junior high will not count toward your high school GPA. Once credit is awarded, you cannot repeat the course for state credit. If you take Algebra I, you must pass the End Of Course (EOC) assessment to earn credit.

### CORE REQUIREMENTS IN HIGH SCHOOL

<b>Math</b>	4 Credits: Algebra I*, Geometry, Algebra II, and 1 other
<b>Science</b>	4 Credits: Biology and 3 other lab sciences
<b>English</b>	4 Credits: English I, II, III, IV
<b>Social Studies</b>	3 Credits: World Geography or World History, U.S. History, Government, and Economics
<b>Fine Arts</b>	1 Credit: Music, Theater, Dance, Art* or another designated course
<b>Physical Education</b>	1 Credit: P.E. or Substitution (Athletics, Golden Girls, ROTC, Marching Band)
<b>LOTE</b>	2 Credits: German or Spanish*

\*Course offered at HPMS for High School Credit

### ENDORSEMENTS IN HIGH SCHOOL

<b>Multidisciplinary</b>	4X4 Core, Advanced Coursework
<b>Arts and Humanities</b>	Fine Arts, Languages other than English, Social Studies
<b>STEM</b>	Math or Science
<b>Public Services</b>	ROTC, Healthcare Therapeutic, Teaching and Training
<b>Business and Industry</b>	Animal Science, Applied Agricultural Engineering, Carpentry, Design & Multimedia Arts, Digital Communication, Accounting & Financial Services, Culinary Arts, Advanced Manufacturing & Machinery Mechanics, Cybersecurity, Automotive, Aviation Ground School, or English Electives



## ENDORSEMENT OPTIONS IN HIGH SCHOOL

### Pathway for High School Business and Industry Endorsement

Program of Study	Level 1 Course(s)	Level 2 Course(s)	Level 3 Course(s)	Level 4 Course(s)
Design & Multimedia Arts	Principles of Arts, A/V Technology, & Communications* <u>or</u> Digital Media	Graphic Design & Illustration I/Lab	Graphic Design & Illustration II/Lab	Career Preparation I
Digital Communications	Principles of Arts, A/V Technology, & Communications*	Audio/Video Production/Lab	Audio/Video Production II/Lab	Practicum of Audio/Video Production
Accounting & Financial Services	Principles of Business, Marketing & Finance* <u>or</u> Money Matters, or Business Information Management I/Lab	Accounting I	Accounting II	Securities & Investments
Advanced Manufacturing & Machinery Mechanics	Principles of Applied Engineering*	Robotics I	Robotics II	Practicum in Manufacturing <u>or</u> Career Preparation I

\* Course offered at HPMS

### Pathway for High School Public Service Endorsement

Program of Study	Level 1 Course(s)	Level 2 Course(s)	Level 3 Course(s)	Level 4 Course(s)
Healthcare Therapeutic	Principles of Health Science*	Medical Terminology	Health Science Theory/Clinical <u>or</u> Anatomy & Physiology (Dual)	Practicum in Health Science <u>or</u> Anatomy & Physiology (Dual) <u>or</u> Pharmacology

\* Course offered at HPMS

### Pathway for High School Arts and Humanities Endorsement

Program of Study	Level 1 Course(s)	Level 2 Course(s)	Level 3 Course(s)	Level 4 Course(s)
Fine Arts Pathway – Complete 4 credits in the same category or 2 credits in two different categories			Art* Band and Jazz Band Choir Dance Orchestra Theater	

\* Course offered at HPMS

### Pathway for High School STEM Endorsement

Program of Study	Level 1 Course(s)	Level 2 Course(s)	Level 3 Course(s)	Level 4 Course(s)
Math Pathway – Complete 5 credits		Complete: Algebra I*, Geometry (Pre AP), Algebra 2 (Honors), Pre-calculus (Dual) 5 <sup>th</sup> Credit: Statistics (Dual) AP Calculus		

\* Course offered at HPMS