



**Willis Independent**

**School District**

**Middle School  
Course Catalog**

for

**2026-2027**

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# Willis Middle School Course Catalog for 2026-2027

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## **3-D MODELING AND ANIMATION**

**WISD #: 72020JMC**

**Grades: 08**

**1 High School Credit**

Through the study of the six strands in technology applications, students will develop college readiness skills applied to technology, including terminology, concepts, and strategies. Students will learn to make informed decisions about technologies and their applications. Students will learn the efficient acquisition of information using search strategies and the use of technology to access, analyze, and evaluate acquired information. By using technology as a tool that supports the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate results. Students will communicate information in different formats and to diverse audiences using a variety of technologies. Students will analyze and evaluate the results. This course is for High School credit.

## **FUNDAMENTALS OF COMPUTER SCIENCE**

**WISD #: 71990JMC**

**Grades: 07**

**1 High School Credit**

Fundamentals of Computer Science is intended as a first course for those students just beginning the study of computer science. Students will learn about the computing tools that are used every day. Students will foster their creativity and innovation through opportunities to design, implement, and present solutions to real-world problems. Students will collaborate and use computer science concepts to access, analyze, and evaluate information needed to solve problems. Students will learn the problem-solving and reasoning skills that are the foundation of computer science. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations and concepts. This course is for High School credit.

## **ENGLISH LANGUAGE ARTS**

### **CREATIVE WRITING**

**WISD #: 66500JMO**

**Grades: 06-08**

**1 High School Credit**

The study of creative writing allows high school students to earn one-half to one credit while developing versatility as a writer. Creative Writing, a rigorous composition course, asks high school students to demonstrate their skill in such forms of writing as fictional writing, short stories, poetry, and drama. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of their own writing as well as the writing of others ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop peer and self-assessments for effective writing, and set their own goals as writers. This class is for High School credit.

### **ELA 6**

**WISD #: 31110000**

**Grades: 06**

**1 Credit**

The program for the sixth grade language arts covers the following major areas: 1. Fluency on grade level; 2. Speaking / listening using comprehension skills; 3. Analyze, infer, draw conclusions and provide evidence for theme, genre in different culture historical, and contemporary context, poetry structure, and elements, drama, and fiction/nonfiction; 4. Understand, infer, draw, conclusions about sensory languages in literary text.

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## ELA 6 HONORS

**WISD #: 31110P00**

**Grades: 07**

**1 Credit**

The program for the sixth grade language arts covers the following major areas: 1. Fluency on grade level; 2. Speaking / listening using comprehension skills; 3. Analyze, infer, draw conclusions and provide evidence for theme, genre in different culture historical, and contemporary context, poetry structure, and elements, drama, and fiction/nonfiction; 4. Understand, infer, draw, conclusions about sensory languages in literary text. Honors courses are on-grade level academically advanced courses designed to challenge motivated students to understand rigorous content. The coursework requires students to engage in independent and analytical assignments and to complete a substantial amount of work outside of class. Honors middle school Language Arts courses are designed to prepare students for high school Honors and Advanced Placement (AP) courses.

## ELA 7

**WISD #: 44110000**

**Grades: 07**

**1 Credit**

The program for the seventh grade language arts covers the following major areas: 1. Reading strategies - decode, context clues, inferencing, drawing conclusions, predicting; 2. Analysis of literature; 3. Study elements of different genres. (tone, mood, style, form); 4. Compose a variety of forms of writing using a process (ex: expository, narrative, procedural, and persuasive tests.) 5. Employ the conventions of grammar, capitalization, punctuation, and spelling.

## ELA 7 HONORS

**WISD #: 44110P00**

**Grades: 07**

**1 Credit**

The English Language Arts course is organized into the following strands: Reading, where students read and understand a wide variety of literary and informational texts; Writing, where students compose a variety of written texts with a clear controlling idea, coherent organization, and sufficient detail; Research, where students are expected to know how to locate a range of relevant sources and evaluate, synthesize, and present ideas and information; Listening and Speaking, where students listen and respond to the ideas of others while contributing their own ideas in conversations and in groups; and Oral and Written Conventions, where students learn how to use the oral and written conventions of the English language in speaking and writing. The standards are cumulative--students will continue to address earlier standards as needed while they attend to standards for their grade. In seventh grade, students will engage in activities that build on their prior knowledge and skills in order to strengthen their reading, writing, and oral language skills. Students should read and write on a daily basis. Honors courses are on-grade level academically advanced courses designed to challenge motivated students to understand rigorous content. The coursework requires students to engage in independent and analytical assignments and to complete a substantial amount of work outside of class. Honors middle school Language Arts courses are designed to prepare students for high school Honors and Advanced Placement (AP) courses.

## ELA 8

**WISD #: 47110000**

**Grades: 08**

**1 Credit**

The program for eighth grade language arts covers five major areas. The areas are: 1. Develop an appreciation for literature with the ability to analyze different genres; 2. Study elements of a variety of genres (i.e. tone, mood, literary terms, propaganda, and style); 3. Use different forms of writing for specific purposes and audiences; 4. Understand and analyze a variety of written text using context clues, inferencing, author's purpose, summarizing, and organization; 5. Conventions of grammar, capitalization, punctuation, and spelling.

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## **ELA 8 HONORS**

**WISD #: 47110P00**

**Grades: 08**

**1 Credit**

The program for eighth grade language arts covers five major areas. The areas are: 1. Develop an appreciation for literature with the ability to analyze different genres; 2. Study elements of a variety of genres (i.e. tone, mood, literary terms, propaganda, and style); 3. use different forms of writing for specific purposes and audiences; 4. Understand and analyze a variety of written text using context clues, inferencing, author's purpose, summarizing, and organization; 5. Conventions of grammar, capitalization, punctuation, and spelling. Honors courses are on-grade level academically advanced courses designed to challenge motivated students to understand rigorous content. The coursework requires students to engage in independent and analytical assignments and to complete a substantial amount of work outside of class. Honors middle school Language Arts courses are designed to prepare students for high school Honors and Advanced Placement (AP).

## **ENG LEARNER LANG ART 7S**

**WISD #: 44110S00**

**Grades: 07**

**0 Credit**

The ELLA Texas Essential Knowledge and Skills (TEKS) embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing to ensure a literate Texas. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy.

## **ENG LEARNER LANG ART 8S**

**WISD #: 47110S00**

**Grades: 08**

**0 Credit**

The ELLA Texas Essential Knowledge and Skills (TEKS) embody the interconnected nature of listening, speaking, reading, writing, and thinking through the seven integrated strands of developing and sustaining foundational language skills; comprehension; response; multiple genres; author's purpose and craft; composition; and inquiry and research. The strands focus on academic oracy (proficiency in oral expression and comprehension), authentic reading, and reflective writing to ensure a literate Texas. The strands are integrated and progressive with students continuing to develop knowledge and skills with increased complexity and nuance in order to think critically and adapt to the ever-evolving nature of language and literacy.

## **ESL ENGLISH 6**

**WISD #: 34830S00**

**Grades: 06**

**1 Credit**

English Language Arts and Reading standards while incorporating language supports to meet the needs of emergent bilingual learners. Instruction emphasizes reading comprehension, vocabulary development, writing, grammar, and speaking and listening skills.

## **ESL READING 6 Reading Lab**

**WISD #: 34970S00**

**Grades: 06**

**1 Credit**

ESL Reading Lab, supplemental course designed to help emergent bilingual students strengthen reading comprehension, vocabulary, fluency, and writing while supporting grade-level ELAR standards. Instruction uses scaffolding, visuals, interactive reading, and leveled texts to meet students' English proficiency needs.

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## **ESL READING 7 ELDA**

**WISD #: 44930S00**

**Grades: 07** **1 Credit**

English Language Development and Acquisition (ELDA) is designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. These students have scored at the negligible/very limited academic language level of the state-approved English oral language proficiency tests. This course enables students to become increasingly more proficient in English in all four language domains. It addresses cognitive, linguistic, and affective needs in compliance with federal requirements and the provisions of Chapter 89. The English Language Development and Acquisition (ELDA) course will validate a student's native language and culture as a valuable resource and as a foundation to attain the English language. It will develop social language, survival vocabulary, and the basic building blocks of literacy for newly arrived and preliterate students.

## **ESL READING 8 ELDA**

**WISD #: 47930S00**

**Grades: 08** **1 Credit**

English Language Development and Acquisition (ELDA) is designed to provide instructional opportunities for secondary recent immigrant students with little or no English proficiency. These students have scored at the negligible/very limited academic language level of the state-approved English oral language proficiency tests. This course enables students to become increasingly more proficient in English in all four language domains. It addresses cognitive, linguistic, and affective needs in compliance with federal requirements and the provisions of Chapter 89. The English Language Development and Acquisition (ELDA) course will validate a student's native language and culture as a valuable resource and as a foundation to attain the English language. It will develop social language, survival vocabulary, and the basic building blocks of literacy for newly arrived and preliterate students.

## **FINE ARTS**

### **ART I HS**

**WISD #: 67000JM0**

**Grades: 06-08** **1 High School Credit**

Art I will cover four basic strands--perception, creative expression/performance, historical and cultural heritage, and critical evaluation--provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire. Students will rely on their perceptions of the environment, developed through increasing visual awareness and sensitivity to surroundings, memory, imagination, and life experiences, as a source for creating artworks. Students will express their thoughts and ideas creatively, while challenging their imagination, fostering reflective thinking, and developing disciplined effort and problem-solving skills. There will be a \$20.00 fee to participate in this class. This advanced course is for High School credit.

### **ART 6**

**WISD #: 43310000**

**Grades: 06** **1 Credit**

6th Grade Art is an engaging, hands-on course that introduces students to the elements and principles of design through a variety of creative projects. Students will explore different art techniques and materials, including drawing, painting, sculpture, and mixed media. While learning about famous artists and art from different cultures, students will also develop their own artistic voice and creative problem-solving skills. This class encourages self-expression, imagination, and experimentation in a supportive environment. There will be a \$10.00 Art fee to participate in this class.

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## **ART 7**

**WISD #: 43320000**

**Grades: 07**

**1 Credit**

7th Grade Art builds on the foundational skills introduced in earlier grades, encouraging students to explore more complex artistic techniques and ideas. Students will work with a variety of materials—such as pencil, paint, clay, and digital tools—to create both 2D and 3D artworks. Emphasis is placed on developing personal expression, craftsmanship, and creative thinking. Students will also study influential artists and art movements from around the world, making connections between art, culture, and history. Projects will challenge students to plan, reflect, and discuss their artistic choices while building confidence and independence as young artists. There will be a \$15.00 Art fee to participate in this class.

## **ART 8**

**WISD #: 43350000**

**Grades: 08**

**1 Credit**

8th Grade Art offers students the opportunity to deepen their artistic skills and explore more advanced techniques in both traditional and contemporary media. Students will experiment with drawing, painting, sculpture, printmaking, and digital art while continuing to develop their understanding of the elements and principles of design. This course encourages creative problem-solving, personal expression, and critical thinking through individual and collaborative projects. Students will also explore art history, cultural influences, and the role of art in society. There will be a \$15.00 Art fee to participate in this class.

## **Brass**

**WISD #: 43520000**

**Grades: 06-08**

**1 Credit**

In beginner band, students will develop the skills needed to play a brass instrument. These skills include proper breathing techniques, posture, instrument maintenance, disciplined practice, and how to read music. Students are grouped in classes based on which instrument they play to ensure a more individualized learning environment. We will be expanding their musical vocabulary that was started in elementary music classes and bridging the gap between elementary and middle school, making it a smooth transition into learning how to read music and play an instrument. Not only will the students be learning these skills, but they will also be a part of an excellent group of smart and responsible individuals who are working towards a similar goal in their concerts each semester. Attendance at all performances is required. As well as performing individually and as a group, students will learn the appropriate audience behavior to exhibit during others performances. The supportive atmosphere, responsibility, and self-discipline that the students learn through learning how to play an instrument are what make the band program so successful.

## **CHOIR 6**

**WISD #: 43480000**

**Grades: 06**

**1 Credit**

In 6th Grade Choir, students will explore the fundamentals of vocal music in a fun, encouraging, and collaborative environment. This course introduces basic singing techniques, music reading skills, and ensemble performance practices. Students will learn how to sing in unison and simple harmony, develop good vocal habits, and build confidence through performances. Emphasis is placed on teamwork, listening, and expression through music. No prior experience is required—just a willingness to sing and participate! Students will have opportunities to perform in concerts throughout the school year and grow as young musicians and performers. Attendance at all performances is required.

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## **CHOIR 7**

**WISD #: 43630000**

**Grades: 07**

**1 Credit**

In 7th Grade Choir, students build on foundational vocal and music-reading skills while expanding their range, tone quality, and musical expression. This course focuses on developing part-singing skills, including rounds and two- or three-part harmony. Students will continue to strengthen their understanding of music theory, sight-singing, and proper vocal technique in a supportive and collaborative setting. Rehearsals emphasize teamwork, discipline, and creativity, culminating in performances that showcase students' growth and musical achievement. Attendance at all performances is required.

## **CHOIR 8**

**WISD #: 43670000**

**Grades: 08**

**1 Credit**

8th Grade Choir is designed for students who want to further develop their vocal skills, musical knowledge, and performance experience. This course focuses on more advanced choral techniques, including singing in multiple parts, blending as an ensemble, and interpreting a variety of musical styles. Students will refine their sight-reading abilities, music literacy, and vocal technique while learning the responsibilities of being part of a performing group. Emphasis is placed on musical expression, leadership, and preparation for high school choir. Regular performances throughout the year give students the opportunity to showcase their growth and dedication. Attendance at all performances is required.

## **CONCERT 7**

**WISD #: 43610000**

**Grades: 07**

**1 Credit**

Prerequisite: Teacher placement

Concert Band is designed for 7th grade students to develop and strengthen their instrumental skills while exploring a variety of musical styles. Students will learn proper technique, music reading, and ensemble performance through regular rehearsals and engaging repertoire. Emphasis is placed on teamwork, listening skills, and building confidence as a musician. The class offers opportunities to perform in concerts and community events, helping students grow their musicianship and appreciation for music in a supportive environment.

## **CONCERT 8**

**WISD #: 43620000**

**Grades: 08**

**1 Credit**

Prerequisite: Teacher placement

Concert Band is designed for 8th grade students to develop and strengthen their instrumental skills while exploring a variety of musical styles. Students will learn proper technique, music reading, and ensemble performance through regular rehearsals and engaging repertoire. Emphasis is placed on teamwork, listening skills, and building confidence as a musician. The class offers opportunities to perform in concerts and community events, helping students grow their musicianship and appreciation for music in a supportive environment.

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## **HONOR BAND 8**

**WISD #: 43600000**

**Grades: 08** **1 Credit**

Prerequisite: Teacher placement

Honor Band is designed for highly motivated 8th grade musicians seeking to elevate their instrumental performance and musicianship. Students will explore advanced repertoire spanning various musical styles and historical periods, emphasizing technical proficiency, sight-reading, ensemble cohesion, and expressive interpretation. The course fosters leadership, critical listening, and collaborative skills through regular rehearsals, sectionals, and performance opportunities, including concerts and competitions. Members are expected to demonstrate a strong commitment to practice, discipline, and teamwork, preparing them for future high school band programs and beyond.

## **HONOR BAND 7**

**WISD #: 43570000**

**Grades: 07** **1 Credit**

Prerequisite: Teacher placement

Honor Band is designed for highly motivated and skilled 7th grade musicians seeking to elevate their instrumental performance and musicianship. Students will explore advanced repertoire spanning various musical styles and historical periods, emphasizing technical proficiency, sight-reading, ensemble cohesion, and expressive interpretation. The course fosters leadership, critical listening, and collaborative skills through regular rehearsals, sectionals, and performance opportunities, including concerts and competitions. Members are expected to demonstrate a strong commitment to practice, discipline, and teamwork, preparing them for future high school band programs and beyond.

## **JAZZ BAND 7**

**WISD #: 43550000**

**Grades: 07** **1 Credit**

Prerequisite: Symphonic or Honor band at the same time

In jazz band, students take what they have learned in their other music classes and apply it to new styles of music. These styles include swing, blues, bee-bop, rock, and Latin. Using their primary instruments students explore these styles in preparation for concerts and other fun events such as playing for 5th graders, playing at school board meetings, and playing at pep rallies. In addition, jazz band students spend more time digging deeper into music theory, rehearsal setups, and service concepts. Students signing up for jazz band must be in either symphonic or honor band at the same time.

## **JAZZ BAND 8**

**WISD #: 43580000**

**Grades: 08** **1 Credit**

Prerequisite: Symphonic or Honor band at the same time

In jazz band, students take what they have learned in their other music classes and apply it to new styles of music. These styles include swing, blues, bee-bop, rock, and Latin. Using their primary instruments students explore these styles in preparation for concerts and other fun events such as playing for 5th graders, playing at school board meetings, and playing at pep rallies. In addition, jazz band students spend more time digging deeper into music theory, rehearsal setups, and service concepts. Students signing up for jazz band must be in either symphonic or honor band at the same time.

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## **PERCUSSION - Beginner**

**WISD #: 43510000**

**Grades: 06-08**

**1 Credit**

In beginner band, student will develop the skills needed to play a percussion instrument. These skills include proper breathing techniques, posture, instrument maintenance, disciplined practice, and how to read music. Students are grouped in classes based on which instrument they play to ensure a more individualized learning environment. We will be expanding their musical vocabulary that was started in elementary music classes and bridging the gap between elementary and middle school, making it a smooth transition into learning how to read music and play an instrument. Not only will the students be learning these skills, but they will also be a part of an excellent group of smart and responsible individuals who are working towards a similar goal in their concerts each semester. Attendance at all performances is required. As well as performing individually and as a group, students will learn the appropriate audience behavior to exhibit during others performances.

The supportive atmosphere, responsibility, and self-discipline that the students learn through learning how to play an instrument are what make the band program so successful.

## **PERFORM TA 6**

**WISD #: 43390000**

**Grades: 06**

**1 Credit**

Prerequisite: Teacher approval

6th Grade Theatre introduces students to the exciting world of drama and performance. In this fun and interactive course, students will explore the basics of acting, stage movement, voice projection, and character development. Through games, improvisation, short scenes, and creative activities, students will build confidence, collaboration skills, and self-expression. This class encourages creativity, teamwork, and imagination, with opportunities to perform for peers and possibly in a class showcase.

## **PERFORM TA 7**

**WISD #: 43400000**

**Grades: 07**

**1 Credit**

Prerequisite: Teacher approval

7th Grade Theatre builds on the foundations of performance and creativity, offering students a deeper dive into the art of acting and stagecraft. In this course, students will expand their skills in character development, vocal expression, body movement, and improvisation. They will explore scripted scenes, basic directing concepts, and elements of technical theatre such as costumes, props, and set design. Through individual and group activities, students will grow as performers and collaborators, gaining confidence and a stronger stage presence. This class may include informal performances or showcases to share student work. This is an advanced class.

## **PERFORM TA 8**

**WISD #: 43410000**

**Grades: 08**

**1 Credit**

Prerequisite: Teacher approval

8th Grade Theatre offers students an opportunity to further refine their acting and performance skills while exploring more advanced concepts in theatre arts. Students will engage in script analysis, character development, scene work, and ensemble collaboration. This course emphasizes expressive voice and movement, improvisation, and storytelling through dramatic techniques. Students will also explore elements of technical theatre such as lighting, sound, costumes, and set design. Class projects may include monologues, scene performances, and small group productions. Designed to prepare students for high school theatre, this course fosters creativity, confidence, and a deeper appreciation for the performing arts. This is an advanced class.

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## **SYMPH BAND 8**

**WISD #: 43590000**

**Grades: 08**

**1 Credit**

In symphonic band, students will continue to develop the skills needed to play an instrument. These skills include proper breathing techniques, posture, instrument maintenance, discipline practice, and more advanced skills on their instrument. Symphonic band consists of all instruments and helps develop the ensemble skills needed to be in a performing ensemble. We will be expanding their musical vocabulary and refining instrument techniques that were started in their beginner band classes. Not only will the students be learning these skills, but they will also be a part of an excellent group of smart and responsible individuals who are working towards a similar goal in their concerts each semester and as a group, students will learn the appropriate audience behavior to exhibit during others performances. The supportive atmosphere, responsibility, and self-discipline that the students learn through learning how to play an instrument are what make the band program so successful.

## **SYMPH CHOIR 7**

**WISD #: 43680000**

**Grades: 07**

**1 Credit**

In 7th Grade Symphonic Choir, students build on foundational vocal and music-reading skills while expanding their range, tone quality, and musical expression. This course focuses on developing part-singing skills, including rounds and two- or three-part harmony. Students will continue to strengthen their understanding of music theory, sight-singing, and proper vocal technique in a supportive and collaborative setting. Rehearsals emphasize teamwork, discipline, and creativity, culminating in performances that showcase students' growth and musical achievement. Symphonic choir is an advanced class. Attendance at all performances is required.

## **SYMPH CHOIR 8**

**WISD #: 43690000**

**Grades: 08**

**1 Credit**

8th Grade Symphonic Choir is designed for students who want to further develop their vocal skills, musical knowledge, and performance experience. This course focuses on more advanced choral techniques, including singing in multiple parts, blending as an ensemble, and interpreting a variety of musical styles. Students will refine their sight-reading abilities, music literacy, and vocal technique while learning the responsibilities of being part of a performing group. Emphasis is placed on musical expression, leadership, and preparation for high school choir. Regular performances throughout the year give students the opportunity to showcase their growth and dedication. 8th Grade Symphonic Choir is an advanced class. Attendance at all performances is required.

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## **SYMPHON BAND 7**

**WISD #: 43560000**

**Grades: 07**

**1 Credit**

In symphonic band, students will continue to develop the skills needed to play an instrument. These skills include proper breathing techniques, posture, instrument maintenance, discipline practice, and more advanced skills on their instrument. Symphonic band consists of all instruments and helps develop the ensemble skills needed to be in a performing ensemble. We will be expanding their musical vocabulary and refining instrument techniques that were started in their beginner band classes. Not only will the students be learning these skills, but they will also be a part of an excellent group of smart and responsible individuals who are working towards a similar goal in their concerts each semester and as a group, students will learn the appropriate audience behavior to exhibit during others performances. The supportive atmosphere, responsibility, and self-discipline that the students learn through learning how to play an instrument are what make the band program so successful.

## **SYMPHONIC 6**

**WISD #: 43530000**

**Grades: 06**

**1 Credit**

In symphonic band, students will continue to develop the skills needed to play an instrument. These skills include proper breathing techniques, posture, instrument maintenance, discipline practice, and more advanced skills on their instrument. Symphonic band consists of all instruments and helps develop the ensemble skills needed to be in a performing ensemble. We will be expanding their musical vocabulary and refining instrument techniques that were started in their beginner band classes. Not only will the students be learning these skills, but they will also be a part of an excellent group of smart and responsible individuals who are working towards a similar goal in their concerts each semester and as a group, students will learn the appropriate audience behavior to exhibit during others performances. The supportive atmosphere, responsibility, and self-discipline that the students learn through learning how to play an instrument are what make the band program so successful.

## **THEATER ARTS 6**

**WISD #: 43360000**

**Grades: 06**

**1 Credit**

Grade 6 theatre introduces the basics of theater, including perception, creative expression/performance, historical and cultural heritage, and critical evaluation. Through a variety of theatrical experiences, students communicate in a dramatic form.

## **THEATER ARTS 7**

**WISD #: 43370000**

**Grades: 07**

**1 Credit**

Grade 7 theatre continues the progress made in Theater 6 and develops concepts about self, human relationships, and the environment, using elements of drama and conventions of theatre.

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## **THEATER ARTS 8**

**WISD #: 43380000**

**Grades: 08** **1 Credit**

Grade 8 Continues the progress made in Theater 7 and through a variety of theatrical experiences, students communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally.

## **TECHNICAL THEATRE 1**

**WISD #: 67250000**

**Grades: 07-08** **1 Credit**

Technical Theatre 1 provides a workshop atmosphere for students to have the opportunity to learn the various aspects of technical production by designing and building shows, including areas in lighting design, set design, makeup design, costume design, properties, sound public relations and theatre management.

## **WOODWINDS - Beginner**

**WISD #: 43540000**

**Grades: 06-08** **1 Credit**

In beginner band, students will develop the skills needed to play a woodwind instrument. These skills include proper breathing techniques, posture, instrument maintenance, disciplined practice, and how to read music. Students are grouped in classes based on which instrument they play to ensure a more individualized learning environment. We will be expanding their musical vocabulary that was started in elementary music classes and bridging the gap between elementary and middle school, making it a smooth transition into learning how to read music and play an instrument. Not only will the students be learning these skills, but they will also be a part of an excellent group of smart and responsible individuals who are working towards a similar goal in their concerts each semester. Attendance at all performances is required. As well as performing individually and as a group, students will learn the appropriate audience behavior to exhibit during others performances. The supportive atmosphere, responsibility, and self-discipline that the students learn through learning how to play an instrument are what make the band program so successful.

## **ORCHESTRA - Beginner**

**WISD #: 43710000**

**Grades: 06** **1 Credit**

Music, Middle School 1, Orchestra is a beginning ensemble with minimal performance demands. The orchestra will participate in concerts and school performances. Students are given opportunities for mental and physical discipline, citizenship through group endeavor, physical conditioning, cultural growth, skills in making musical value judgments through critical listening, skills in music theory, and proper instrumental techniques. Attendance at out-of-school rehearsals and performances is required. Open to orchestra string instrumentalists only.

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## **INTERMEDIATE ORCHESTRA**

**WISD #: 4372001/43720002**

**Grades: 07-08** **1 Credit**

Prerequisite: **Orchestra I**

Intermediate Orchestra is a performing ensemble with some performance and rehearsal requirements.

Intermediate Orchestra members will participate in concerts, UIL evaluations and school performances. Students are given continuing musical opportunities through group endeavor, physical conditioning, cultural growth, and skills in making musical value judgments through critical listening, music theory, and proper instrumental techniques. Attendance at out-of-school rehearsals and performances is required. Open to orchestra string instrumentalists only.

## **ADVANCED ORCHESTRA**

**WISD #: 4373001/43730002**

**Grades: 07-08** **1 Credit**

Prerequisite: **Orchestra I**

Advanced Orchestra is a performing ensemble with frequent performance and rehearsal requirements. Advanced Orchestra members will participate in concerts, UIL evaluations and school performances. Students are given continuing opportunities through group endeavor, physical conditioning, cultural growth, and skills in making musical value judgments through critical listening, music theory, and proper instrumental techniques. Attendance at out-of-school rehearsals and performance is required. Open to orchestra string instrumentalists only.

## **HEALTH**

### **HEALTH**

**WISD #: 43810000**

**Grades: 06-08** **0.5 Credit**

In health education, students acquire the health information and skills necessary to become healthy adults and learn about behaviors in which they should and should not participate. To achieve that goal, students will understand the following: students should first seek guidance in the area of health from their parents; personal behaviors can increase or reduce health risks throughout the lifespan; health is influenced by a variety of factors; students can recognize and utilize health information and products; and personal/interpersonal skills are needed to promote individual, family, and community health. In middle school, students are taught about factors in their environment that impact, not only their health and the health of their families, but the health of their communities as well. Middle school students learn to refine their critical- thinking skills to avoid unsafe situations, analyze health information and products, and maintain healthy relationships. Students begin to investigate health in the broader context of community.

## **LANGUAGES OTHER THAN ENGLISH**

### **INTRO SPAN**

**WISD #: 43110000**

**Grades: 06-08** **1 Credit**

The course is intended to introduce students to the Spanish language by teaching them: extensive vocabulary, subject pronouns, verbs ser & estar, present tense, present progressive, and present tense of the -AR, -ER, and -IR verbs, definite, indefinite, demonstrative, and possessive adjectives, the comparative & superlative and an understanding of the different Latin Cultural Perspectives.

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## SPANISH I

**WISD #: 65110JMO**

**Grades: 07-08**                      **1 High School Credit**

This course is for highly motivated 7<sup>th</sup> or 8th grade students and introduces them to the world of Hispanic culture through basic reading, writing, and listening skills. It includes the acquisition and development of conversational ability reinforced by the study of grammatical structures. The course is for High School credit.

## SPANISH II

**WISD #: 65210JMO**

**Grades:**                              **1 High School Credit**

Prerequisite: Spanish 1 or committee approval

This course is a comprehensive study of grammar, conversation, and a cultural history of Spain and Hispanic America through reading selections. This course is for High School credit.

## LOCAL CREDIT

### Focus/BobKat Time

**WISD #: 31610000**

**Grades: 06-08**                      **1 Credit**

### OFFICE AIDE MS

**WISD #: 42510000**

**Grades: 08**                              **1 Credit**

Grade 8 Exposure to office skills and atmosphere. Placement is based on grades, attendance, discipline, and teacher/counselor approval.

### READING LAB 6

**WISD #: 34750000**

**Grades: 06**                              **1 Credit**

Program for 6th grade struggling readers. Students use a computer program designed to reinforce and strengthen reading skills.

### READING LAB 7

**WISD #: 44750000**

**Grades: 07**                              **1 Credit**

Program for 7th grade struggling readers. Students use a computer program designed to reinforce and strengthen reading skills.

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## **READING LAB 8**

**WISD #: 47750000**

**Grades: 08**

**1 Credit**

Program for 8th grade struggling readers. Students use a computer program designed to reinforce and strengthen reading skills.

## **MATHEMATICS**

### **ALGEBRA I HONORS**

**WISD #: 62110PMO**

**Grades: 06-08**

**1 High School Credit**

This course builds on the foundations encountered in K-8 math. It stresses the importance of algebraic thinking and symbolic reasoning. Students investigate the relationship between equations and functions. Functions are used to model problems and to analyze and interpret relationships. Students learn to use the graphing calculator. For college bound students, a graphing calculator is strongly recommended. This course is for high school credit.

### **MATH 6**

**WISD #: 31210000**

**Grades: 06**

**1 Credit**

The primary focal areas in Grade 6 are number and operations; proportionality; expressions, equations, and relationships; and measurement and data. Students use concepts, algorithms, and properties of rational numbers to explore mathematical relationships and to describe increasingly complex situations. Students use concepts of proportionality to explore, develop, and communicate mathematical relationships. Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other. Students connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students communicate information about geometric figures or situations by quantifying attributes, generalize procedures from measurement experiences, and use the procedures to solve problems. Students use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations.

### **MATH 6/7 ACCELERATED HONORS**

**WISD #: 31210U00**

**Grades: 06**

**1 Credit**

This accelerated course covers all 6th grade TEKS and a portion of 7th grade TEKS. The primary focal areas are number and operations; proportionality; expressions, equations, and relationships; and measurement and data. Students use concepts, algorithms, and properties of rational numbers to explore mathematical relationships and to describe increasingly complex situations. Students use concepts of proportionality to explore, develop, and communicate mathematical relationships. Students use algebraic thinking to describe how a change in one quantity in a relationship results in a change in the other. Students connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students communicate information about geometric figures or situations by quantifying attributes, generalize procedures from measurement experiences, and use the procedures to solve problems. Students use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. Honors courses are academically advanced courses designed to challenge motivated students to understand rigorous content. The coursework requires students to engage in

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independent and analytical assignments and to complete a substantial amount of work outside of class. Honors middle school mathematics courses are designed to prepare students for Algebra 1 in 8th grade.

## **MATH 7**

**WISD #: 44210000**

**Grades: 07** **1 Credit**

The primary focal areas in Grade 7 are number and operations; proportionality; expressions, equations, and relationships; and measurement and data. Students use concepts, algorithms, and properties of rational numbers to explore mathematical relationships. Students use concepts of proportionality to explore, develop, and communicate mathematical relationships, including number, geometry and measurement, and statistics and probability. Students connect verbal, numeric, graphic, and symbolic representations of relationships, including equations and inequalities. Students use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. Graphing through the use of technology will be used to promote algebra readiness skills.

## **MATH 7/8 ACCELERATED HONORS**

**WISD #: 47210U00**

**Grades: 07** **1 Credit**

This accelerated course covers a portion of 7th grade TEKS and all of 8th grade TEKS. The primary focal areas are proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. Students will use concepts of proportionality to explore, develop, and communicate mathematical relationships. Students will connect verbal, numeric, graphical, and symbolic representations of relationships, including equations and inequalities. Students will begin to develop an understanding of functional relationships. Students will use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students will use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. The emphasis on algebra readiness skills necessitates the implementation of graphing technology. Honors courses are academically advanced courses designed to challenge motivated students to understand rigorous content. The coursework requires students to engage in independent and analytical assignments and to complete a substantial amount of work outside of class. Honors accelerated middle school mathematics courses are designed to prepare students for Algebra 1 in 8th grade.

## **MATH 8**

**WISD #: 47210000**

**Grades: 08** **1 Credit**

The primary focal areas are proportionality; expressions, equations, relationships, and foundations of functions; and measurement and data. Students will use concepts of proportionality to explore, develop, and communicate mathematical relationships. Students will connect verbal, numeric, graphical, and symbolic representations of relationships, including equations and inequalities. Students will begin to develop an understanding of functional relationships. Students will use geometric properties and relationships, as well as spatial reasoning, to model and analyze situations and solve problems. Students will use appropriate statistics, representations of data, and reasoning to draw conclusions, evaluate arguments, and make recommendations. The emphasis on algebra readiness skills necessitates the implementation of graphing technology.

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## OTHER ELECTIVES

### ROBOTIC DESIGN 1

**WISD #: 43250000**

**Grades: 06-08**                      **1 Credit**

Prerequisite: Concurrent enrollment in Tech App 7 or Tech App 8 and Robotics

Teaching engineering principles through real world application and problem solving involving math and science extensions using design systems and robotics.

### ROBOTIC DESIGN 2

**WISD #: 43270000**

**Grades: 06-08**                      **1 Credit**

Prerequisite: Robotics and Design 1

Year 2 - Teaching engineering principles through real world application and problem solving involving math and science extensions using design systems and robotics.

### TEENLEADER

**WISD #: 43180000**

**Grades: 06-08**                      **0.5 Credit**

Teen leadership is a one semester course offered to 7th and 8th grade students. The course develops leadership, and personal and business skills. Students will develop an understanding of Emotional Intelligence including self-awareness, self-control, self-motivation, and social skills. Students will develop skills in public speaking and communication, and an understanding of personal image. They will understand the concept of principle based decision making and develop their own personal mission statement. They will develop an understanding of the effects of peer pressure and will develop skills to counteract those effects. The course also develops healthy self-concept, relationships, and sense of personal responsibility. Finally, they will also develop an understanding of the need for vision in goal setting, personally, and professionally.

### YEARBOOK

**WISD #: 43260000**

**Grades: 07-08**                      **1 Credit**

Seventh and eighth grade students will design and create pages for the yearbook using web-based software. Students will use digital photography and photo editors. Students will also create a school DVD using video editing software.

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## PHYSICAL EDUCATION

### PE NON DIST I

**WISD #: 83010000**

**Grades: 06-08**                      **1 Credit**

### PE NON DIST II

**WISD #: 83020000**

**Grades: 06-08**                      **1 Credit**

### PE NON DIST III

**WISD #: 83040000**

**Grades: 06-08**                      **1 Credit**

### PE BOYS 6

**WISD #: 34130000**

**Grades: 06**                              **1 Credit**

In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically -active lifestyle and understands the relationship between physical activity and health throughout the life span. In Grade 6, students understand in greater detail the function of the body, learn to measure their own performance more accurately, and develop plans for improvement. They learn to use technology such as heart rate monitors to assist in measuring and monitoring their own performance. Identifying the types of activities that provide them with enjoyment and challenge and that will encourage them to be physically active throughout life is reinforced during instruction in these grades.

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## **PE GIRLS 6**

**WISD #: 34230000**

**Grades: 06**

**1 Credit**

The physical education program is primarily to equip students with the skills, knowledge and attitudes essential to engaging in regular lifelong physical activity. The two focal points are to equip students with levels of motor skills that enable safe, satisfying participation in lifelong activities and to equip students with the knowledge and skills essential to monitoring and managing their own health-related levels of fitness. Students will engage to be knowledgeable consumers of physical activity, and develop attitudes and behavior that will assist in their ability to be contributors to their social constructs. In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the life span. In Grade 6, students understand in greater detail the function of the body, learn to measure their own performance more accurately, and develop plans for improvement. They learn to use technology such as heart rate monitors to assist in measuring and monitoring their own performance. Identifying the types of activities that provide them with enjoyment and challenge and that will encourage them to be physically active throughout life is reinforced during instruction in these grades.

## **PRE-ATHLETICS BOYS PE 6**

**WISD #: 341300PA**

**Grades: 06**

**1 Credit**

This course introduces 6th grade boys to the fundamentals of athletics while promoting physical fitness, teamwork, and sportsmanship. Students will participate in a variety of activities designed to develop basic motor skills, coordination, strength, agility, and endurance. The class will focus on foundational skills used in middle school sports such as football, basketball, track, tennis and other team activities. Students will learn rules, strategies, and the importance of cooperation, leadership, and respect for others. Emphasis is placed on effort, participation, personal improvement, and maintaining a positive attitude toward physical activity and healthy lifestyles.

The physical demands of this course will be greater than a Physical Education class. Pre-Athletics PE is not a regular middle school PE class. Pre-Athletics will be more challenging, rigorous, and intense, and the athletes in this course will be held to a higher standard than those in PE.

## **PRE-ATHLETICS GIRLS PE 6**

**WISD #: 342300PA**

**Grades: 06**

**1 Credit**

This course provides 6th grade girls with an introduction to athletics and physical fitness in a supportive and encouraging environment. Students will participate in activities that develop fundamental movement skills, coordination, flexibility, strength, and endurance. The course will introduce basic skills and concepts used in middle school sports such as volleyball, basketball, track, tennis and other team activities. Students will also learn rules, teamwork, sportsmanship, and goal setting. The class emphasizes participation, personal growth, confidence building, and the development of lifelong healthy habits through physical activity.

The physical demands of this course will be greater than a Physical Education class. Pre-Athletics PE is not a regular middle school PE class. Pre-Athletics will be more challenging, rigorous, and intense, and the athletes in this course will be held to a higher standard than those in PE.

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## **ATH BOYS 7**

**WISD #: 42170000**

**Grades: 07** **1 Credit**

The Boys athletics class consists of students who wish to participate in UIL sanctioned competitive sports. Requirements for this course include completing a physical exam each school year, approval by middle school athletic coordinator, paying a \$40 athletic fee to cover uniform and equipment cost, completing academic and behavior expectations, completing the Willis ISD and UIL acknowledgement of rules and regulations forms, and agreeing to follow the WILLIS ISD code of conduct for athletes. Failure to follow these guidelines could result in students being removed from the athletic class.

## **ATH BOYS 8**

**WISD #: 42270000**

**Grades: 08** **1 Credit**

The Boys athletics class consists of students who wish to participate in UIL sanctioned competitive sports. Requirements for this course include completing a physical exam each school year, approval by middle school athletic coordinator, paying a \$40 athletic fee to cover uniform and equipment cost, completing academic and behavior expectations, completing the Willis ISD and UIL acknowledgement of rules and regulations forms, and agreeing to follow the WILLIS ISD code of conduct for athletes. Failure to follow these guidelines could result in students being removed from the athletic class.

## **ATH GIRLS 7**

**WISD #: 42340000**

**Grades: 07** **1 Credit**

The Girls athletics class consists of students who wish to participate in UIL sanctioned competitive sports. Requirements are to have a current physical on file with the athletic department, sign the Willis ISD code of conduct, and pay the \$40 athletic fee. Practice will begin at 6:00 AM each day.

## **ATH GIRLS 8**

**WISD #: 42440000**

**Grades: 08** **1 Credit**

The Girls athletics class consists of students who wish to participate in UIL sanctioned competitive sports. Requirements are to have a current physical on file with the athletic department, sign the Willis ISD code of conduct, and pay the \$40 athletic fee. Practice will begin at 6:00 AM each day.

## **DRILL TEAM 7**

**WISD #: 43430000**

**Grades: 07** **1 Credit**

The primary focal areas for Drill Team 7 are perception, creative expression/performance, and critical evaluation. Drill Team students will develop perceptual thinking and moving abilities that promote an understanding of themselves and others, allowing them to interact more effectively in the community. Mastery of basic movement principles and skills will develop student self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with controlled energy. Drill Team students will evaluate and analyze dance skills to strengthen decision-making skills, develop critical and creative thinking, and enable students to make informed decisions about dance and the world around them.

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## **DRILL TEAM 8**

**WISD #: 43470000**

**Grades: 08**

**1 Credit**

The primary focal areas for Drill Team 8 are perception, creative expression/performance, and critical evaluation. Drill Team students will develop perceptual thinking and moving abilities that promote an understanding of themselves and others, allowing them to interact more effectively in the community. Mastery of basic movement principles and skills will develop student self-discipline and healthy bodies that move expressively, efficiently, and safely through space and time with controlled energy. Drill Team students will evaluate and analyze dance skills to strengthen decision-making skills, develop critical and creative thinking, and enable students to make informed decisions about dance and the world around them.

## **PE BOYS 7**

**WISD #: 42130000**

**Grades: 07**

**1 Credit**

In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the lifespan. Seventh grade students apply similar concepts from one sport or movement setting to another. Students can observe another individual's performance and notice key elements for success. At this grade level, students participate in physical activity both in and out of school while maintaining a healthy level of fitness as their bodies grow and change. Their knowledge of safety and the ability to manage their own behavior is reinforced. Instruction is directed more toward encouraging the incorporation of physical activity into a daily routine and less toward fundamental skill development.

## **PE BOYS 8**

**WISD #: 42230000**

**Grades: 08**

**1 Credit**

The physical education program provides each student with the opportunity to participate in a comprehensive program consisting of skill development, lead up games, team sports, and the different sports as well as learning experiences involving physical conditioning activities. The students will also have opportunities to become involved in life-long physical activities through individual sport units. The program promotes the spirit of cooperation, leadership, fair play, and friendly competition. In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the lifespan. Seventh grade students apply similar concepts from one sport or movement setting to another. Students can observe another individual's performance and notice key elements for success. At this grade level, students participate in physical activity both in and out of school while maintaining a healthy level of fitness as their bodies grow and change. Their knowledge of safety and the ability to manage their own behavior is reinforced. Instruction is directed more toward encouraging the incorporation of physical activity into a daily routine and less toward fundamental skill development.

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## **PE DANCE 6**

**WISD #: 34270000**

**Grades: 06-08**

**1 Credit**

The fine arts incorporate the study of dance, music, theatre, and the visual arts to offer unique experiences and empower students to explore realities, relationships, and ideas. These disciplines engage and motivate all students through active learning, critical thinking, and innovative problem solving. The fine arts develop cognitive functioning and increase student academic achievement, high-order thinking, communication, and collaboration skills. This makes the fine arts applicable to college readiness, career opportunities, workplace environments, social skills, and everyday life. Students develop aesthetic and cultural awareness through exploration leading to creative expression. Creativity is essential and the study of the fine arts nurtures and develops the whole child.

## **PE GIRLS 7**

**WISD #: 42330000**

**Grades: 07**

**1 Credit**

The physical education program provides each student with the opportunity to participate in a comprehensive program consisting of skill development, lead up games, team sports, and the different sports as well as learning experiences involving physical conditioning activities. The students will also have opportunities to become involved in life-long physical activities through individual sport units. The program promotes the spirit of cooperation, leadership, fair play, and friendly competition. In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically-active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the lifespan. Seventh grade students apply similar concepts from one sport or movement setting to another. Students can observe another individual's performance and notice key elements for success. At this grade level, students participate in physical activity both in and out of school while maintaining a healthy level of fitness as their bodies grow and change. Their knowledge of safety and the ability to manage their own behavior is reinforced. Instruction is directed more toward encouraging the incorporation of physical activity into a daily routine and less toward fundamental skill development.

## **PE GIRLS 8**

**WISD #: 42430000**

**Grades: 08**

**1 Credit**

The physical education program provides each student with the opportunity to participate in a comprehensive program consisting of skill development, lead up games, team sports, individual sports, and physical fitness activities. The students receive instruction in rules, skills, and strategies associated with the different sports as well as learning experiences involving physical conditioning activities and lifelong physical activities. The program promotes the spirit of cooperation, leadership, fair play, and friendly competition. In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically- active lifestyle. The student exhibits a physically-active lifestyle and understands the relationship between physical activity and health throughout the lifespan. In Grade 8, although the acquisition of physical fitness and skill development is important, emphasis is placed more on participation for enjoyment and challenge, both in and out of school. Understanding the need to remain physically active throughout life by participating in enjoyable lifetime activities is the basis for eighth grade instruction.

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## **TENNIS 7 & 8**

**WISD #: 42480000**

**Grades: 07-08**

**1 Credit**

The class is designed to give students fundamental instruction in grips, strokes, rules, and etiquette. The class counts as a PE credit but is meant to give a head start to students interested in playing tennis for the Jr High Tennis Team, and later the High School Tennis Team.

## **SCIENCE**

### **SCIENCE 6**

**WISD #: 31410000**

**Grades: 06**

**1 Credit**

The sixth grade science curriculum framework has four strands: Matter and Energy; Force, Motion, and Energy; Earth and Space; and Organisms and Environments. The two strands that are a major focus of study are Matter and Energy and Force, Motion, and Energy. The course has been designed to be a foundation that each student can build on through hands-on activities, lab investigations, and projects. Students understand science through a balance of content, process skills, problem-solving, and practical application and are encouraged to maintain their natural curiosity and love of learning. The student knows that science has a vast body of changing and increasing knowledge described by physical, mathematical, and conceptual models. The sixth grade science student develops skills in the areas of investigation, use of scientific equipment, and technology.

### **SCIENCE 6 HONORS**

**WISD #: 31410P00**

**Grades: 06**

**1 Credit**

The sixth grade science curriculum framework has four strands: Matter and Energy; Force, Motion, and Energy; Earth and Space; and Organisms and Environments. The two strands that are a major focus of study are Matter and Energy and Force, Motion, and Energy. The course has been designed to be a foundation that each student can build on through hands-on activities, lab investigations, and projects. Students understand science through a balance of content, process skills, problem-solving, and practical application and are encouraged to maintain their natural curiosity and love of learning. The student knows that science has a vast body of changing and increasing knowledge described by physical, mathematical, and conceptual models. The sixth grade science student develops skills in the areas of investigation, use of scientific equipment, and technology. Honors courses are on-grade level academically advanced courses designed to challenge motivated students to understand rigorous content. The coursework requires students to engage in independent and analytical assignments and to complete a substantial amount of work outside of class. Honors middle school science courses are designed to prepare students for high school Honors and Advanced Placement (AP) courses.

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## SCIENCE 7

**WISD #: 44410000**

**Grades: 07**

**1 Credit**

The seventh grade science curriculum framework has four strands: Matter and Energy; Force, Motion and Energy; Earth and Space; and Organisms and Environments. Organisms and Environments are the major focus of study. Within the framework of this science content, students develop the process skills needed to investigate any topic. These skills include problem solving, investigative procedures, use of scientific tools, data collecting, and technology. By merging these skills with content topics, students experience science rather than just read about it.

## SCIENCE 7 HONORS

**WISD #: 44410U00**

**Grades: 07**

**1 Credit**

The 7th grade accelerated science course covers TEKS from 6th, 7th, and 8th grade science. Students will build upon concepts covered in elementary school through hands-on activities, lab investigations and projects. Students will cover concepts from the four strands of science: Matter and Energy; Force, Motion, and Energy; Earth and Space; and Organisms and Environments. Students understand science through a balance of content, process skills, problem-solving, and practical application and are encouraged to maintain their natural curiosity and love of learning. The student knows that science has a vast body of changing and increasing knowledge described by physical, mathematical, and conceptual models. Honors courses are on-grade level academically advanced courses designed to challenge motivated students to understand rigorous content. The coursework requires students to engage in independent and analytical assignments and to complete a substantial amount of work outside of class. Honors middle school science courses are designed to prepare students for high school Honors and Advanced Placement (AP) courses.

## SCIENCE 8

**WISD #: 47410000**

**Grades: 08**

**1 Credit**

The eighth grade science curriculum framework has four strands: Matter and Energy; Force, Motion and Energy; Earth and Space; and Organisms and Environments. Organisms and Environments are the major focus of study. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale. To develop a rich knowledge of science and the natural world, students must become familiar with different modes of scientific inquiry, rules of evidence, ways of formulating questions, ways of proposing explanations, and the diverse ways scientists study the natural world and propose explanations based on evidence derived from their work.

**INCLUDED IN WGPA –N**

## SCIENCE 8 HONORS

**WISD #: 47410P00**

**Grades: 08**

**1 Credit**

**Prerequisite:**

The eighth grade science curriculum framework has four strands: Matter and Energy; Force, Motion and Energy; Earth and Space; and Organisms and Environments. Organisms and Environments are the major focus of study. These ideas transcend disciplinary boundaries and include change and constancy, patterns, cycles, systems, models, and scale. To develop a rich knowledge of science and the natural world, students must become familiar with different modes of scientific inquiry, rules of evidence, ways of formulating questions, ways of proposing explanations, and the diverse ways scientists study the natural world and propose explanations based on evidence derived from their work. Honors courses are on-grade level academically advanced courses designed to challenge motivated students to understand rigorous content. The coursework requires students to engage in independent and analytical assignments and to complete a substantial amount of work outside of class. Honors middle school science courses are designed to prepare students for high school Honors and Advanced Placement (AP) courses.

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## SOCIAL STUDIES

### HISTORY 6

**WISD #: 31310000**

**Grades: 06**

**1 Credit**

In Grade 6, students study people, places, and societies of the contemporary world. Societies for study are from the following regions of the world: Europe, Russia and the Eurasian republics, North America, Central America and the Caribbean, South America, Southwest Asia-North Africa, Sub-Saharan Africa, South Asia, East Asia, Southeast Asia, Australia, and the Pacific realm. Students describe the influence of individuals and groups on historical and contemporary events in those societies and identify the locations and geographic characteristics of various societies. Students identify different ways of organizing economic and governmental systems. The concepts of limited and unlimited government are introduced, and students describe the nature of citizenship in various societies. Students compare institutions common to all societies such as government, education, and religious institutions. Students explain how the level of technology affects the development of the various societies and identify different points of view about events

### HISTORY 6 HONORS

**WISD #: 31310P00**

**Grades: 06**

**1 Credit**

Students study people and places of the contemporary world. During this journey through various parts of the world, students learn the physical and human characteristics of locations; examine human high school students with a powerful opportunity relationships within places and with the environment, and how to help acquire the knowledge, concepts, skills, regions form and change. Students explore the cultures of people and compare and contrast nations within a region and to the U.S. They learn to recognize where they are, both physically and culturally, in relation to other people of the world. Students identify different ways of organizing economic and governmental systems. Honors courses are on-grade level academically advanced courses designed to challenge motivated students to understand rigorous content. The coursework requires students to engage in independent and analytical assignments and to complete a substantial amount of work outside of class. Honors middle school social studies courses are designed to prepare students for high school Honors and Advanced Placement (AP) courses.

### HISTORY 7

**WISD #: 44310000**

**Grades: 07**

**1 Credit**

In Grade 7, students study the history of Texas from 1400s thru present day. This content is presented with more depth and breadth than in Grade 4. Students examine Texas history from the following 13 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. With each era students focus on key individuals, events, and issues and their social, economic and political impact on Texas and society. Students will use primary and secondary sources to examine the rich and diverse cultural background of Texas. Students will also analyze the impact of scientific discoveries and technological innovations on the development of Texas.

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## **HISTORY 7 HONORS**

**WISD #: 44310P00**

**Grades: 07**

**1 Credit**

Texas History includes a comprehensive study of the history and geography of Texas. The course content shows the interaction of the forces of land, people, politics, economics and government that have shaped Texas. Students examine the full scope of Texas history, including a brief review of the cultures of Native Americans living in Texas prior to European exploration and the eras of mission-building, colonization, revolution, republic, and statehood including Texas in the 21st century. The focus in each era is on key individuals, events, and issues and their impact. The use of primary and secondary sources, analysis of cause and effect relationships and introduction of basic economic and political concepts are all critical for the understanding of Texas history. Honors courses are on-grade level academically advanced courses designed to challenge motivated students to understand rigorous content. The coursework requires students to engage in independent and analytical assignments and to complete a substantial amount of work outside of class. Honors middle school social studies courses are designed to prepare students for high school Honors and Advanced Placement (AP) courses.

## **HISTORY 8**

**WISD #: 47310000**

**Grades: 08**

**1 Credit**

Eighth grade students study the history of the United States from the early colonial period through Reconstruction. Historical content focuses on the political, economic, religious, and social events and issues related to the eras taught. 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 the United States. 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, major reform movements of the 19th century, the rights and responsibilities of citizens of the United States, and the impact of scientific discoveries and technological innovations on the development of the United States.

## **TECHNOLOGY APPLICATIONS**

### **TECH APP 6**

**WISD #: 43210000**

**Grades: 06**

**1 Credit**

Grade 6 Tech Apps offers typing by touch, as well as introduction to basic computer software programs and skills.