



# **Willis Independent School District**

## **Middle School Course Catalog** for **2025-2026**

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## Table of Contents

<a href="#">Career and Technology Education</a>	4
<a href="#">English Language Arts</a>	5
<a href="#">Fine Arts</a>	7
<a href="#">Health</a>	12
<a href="#">Languages Other Than English</a>	12
<a href="#">Local Credit</a>	13
<a href="#">Mathematics</a>	14
<a href="#">Physical Education</a>	17
<a href="#">Science</a>	21
<a href="#">Social Studies</a>	23
<a href="#">Technology Applications</a>	24



## **FUNDAMENTALS OF COMPUTER SCIENCE**

**WISD #: 71990JMC**

**Grades: 07-08**                      **1 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 class is for High School credit.**

## **English Language Arts**

### **CREATIVE WRITING**

**WISD #: 66500JMO**

**Grades: 06-08**                      **1 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 cultures, historical, and contemporary context, poetry structure, and elements, drama, and fiction/nonfiction; 4. Understand, infer, draw, conclusions about sensory languages in literary text.

### **ELA 6 HONORS**

**WISD #: 31110P00**

**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 cultures, 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.

## **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).



creating original artworks. Students communicate their thoughts and ideas with innovation and creativity. Through art, students challenge their imaginations, foster critical thinking, collaborate with others, and build reflective skills. While exercising meaningful problem-solving skills, students develop the lifelong ability to make informed judgments.

### **BEGINNER BAND - BRASS**

**WISD #: 43520000**

**Grades: 06** **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.

### **BEGINNER BAND - PERCUSSION**

**WISD #: 43510000**

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

In beginner band, students 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.

### **BEGINNER BAND - WOODWINDS**

**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.



## **CONCERT BAND 7/8**

**WISD #: 43610000/4362000**

**Grades: 07/08**                      **1 Credit**

In Concert 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. Concert 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 BAND 6/7/8**

**WISD #: 43530000/435600004359**

**Grades: 06/07/08**                      **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.

## **HONOR BAND 7/8**

**WISD #: 43570000/43600000**

**Grades: 07/08**                      **1 Credit**

In Honor 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. Honor 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.

## **JAZZ BAND 7/8**

**WISD #: 43550000/43580000**

**Grades: 07/08**                      **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.

## **ORCHESTRA**

**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.

## **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.

## **CHOIR 6**

**WISD #: 43480000**

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

Grade 6, 7 or 8 Students will be exposed to a variety of choral experiences. Attendance at concerts is required. UIL participation is optional.

## **CHOIR 7/8**

**WISD #: 43630000/43670000**

**Grades: 07/08** **1 Credit**

In music, students will develop their intellect and refine their emotions, understand the cultural and creative nature of musical artistry and make connections among music, the other arts, technology, and other aspects of social life. Through creative performance, students will apply the expressive technical skills of music and critical-thinking skills to evaluate multiple forms of problem solving. Attendance at all performances is required. Students will learn to

demonstrate good vocal technique as their voices mature, understand and write more advanced musical notation, and perform independently as well as in an ensemble setting in the classroom, at concerts, and in organized contests. Students will also learn appropriate audience behavior as well as criteria for evaluating performances.

### **SYMPHONIC CHOIR 7/8**

**WISD #: 43680000/43690000**

**Grades: 07/08**                      **1 Credit**

In music, students will develop their intellect and refine their emotions, understand the cultural and creative nature of musical artistry and make connections among music, the other arts, technology, and other aspects of social life. Through creative performance, students will apply the expressive technical skills of music and critical-thinking.

### **PERFORMANCE THEATRE ARTS 6**

**WISD #: 43390000**

**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.

### **PERFORMANCE THEATRE ARTS 7**

**WISD #: 43400000**

**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.

### **PERFORMANCE THEATRE ARTS 8**

**WISD #: 43410000**

**Grades: 07**                      **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.

### **THEATRE 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.

### **THEATRE 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.

## **THEATRE 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**

Provide 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.

## **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 TO SPANISH**

**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.

### **SPANISH I**

**WISD #: 65110JMO**

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

This course is for highly motivated 7<sup>th</sup> or 8<sup>th</sup> 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 and therefore will be taught at the same rigor as the 6511 Spanish course. **This class is for High School credit.**

**SPANISH II****WISD #: 65210000****Grades: 08** **1 Credit**

Prerequisite: Spanish 1

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

**Local Credit****ATH AIDE****WISD #: 42610000****Grades: 08** **1 Credit****BAND AIDE****WISD #: 42650000****Grades: 08** **1 Credit****LIB AIDE****WISD #: 42550000****Grades: 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.

**ROBOTIC DESIGN 1****WISD #: 43250000****Grades: 07-08** **1 Credit**

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: 08** **1 Credit**

Prerequisite: Robotics Design 1

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

**SCIENCE AIDE****WISD #: 42710000****Grades: 08** **1 Credit**

**TEAM AIDE****WISD #: 42570000****Grades: 06-08** **1 Credit****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 a 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.

**Mathematics****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 HONORS****WISD #: 31210P00****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. 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 mathematics courses are designed to prepare students for high school Honors and Advanced Placement (AP) courses.

## **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 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 HONORS**

**WISD #: 44210P00**

**Grades: 07**

**1 Credit**

Prerequisite:

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. 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 mathematics courses are designed to prepare students for high school Honors and Advanced Placement (AP) courses.

## **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.



## **MATH 8 HONORS**

**WISD #: 47210P00**

**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. 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 mathematics courses are designed to prepare students for high school Honors and Advanced Placement (AP) courses.

## **ALGEBRA I HONORS**

**WISD #: 62110PMO**

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

In Algebra I, students will build on the knowledge and skills for mathematics in Grades 6-8, which provide a foundation in linear relationships, number and operations, and proportionality. Students will study linear, quadratic, and exponential functions and their related transformations, equations, and associated solutions. Students will connect functions and their associated solutions in both mathematical and real-world situations. Students will use technology to collect and explore data and analyze statistical relationships. In addition, students will study polynomials of degree one and two, radical expressions, sequences, and laws of exponents. Students will generate and solve linear systems with two equations and two variables and will create new functions through transformations. **This is for high school credit.**

## **Physical Education**

### **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 lifespan. 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.

### **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. 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**

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. 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 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 lifespan. 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.

## **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.

## **TENNIS 6**

**WISD #: 34200000**

**Grades: 06** **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.

## **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.

## **ATHLETICS 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.

## **ATHLETICS 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.

## **ATHLETICS 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.

## **ATHLETICS 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.

## **PE DANCE 6**

**WISD #: 34270000**

**Grades: 06** **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.

## **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.

## **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.

## **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.

### **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 #: 44410P00**

**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. 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.

## **SCIENCE 8 HONORS**

**WISD #: 47410P00**

**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. 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.

## **BIOLOGY HONORS**

**WISD #: 63110PM0**

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

Prerequisite: Science 7 Accelerated Honors

Students in Biology focus on patterns, processes, and relationships of living organisms through four main concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems.

## 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. The concept of frame of reference is introduced as an influence on an individual's point of view.

### HISTORY 6 HONORS

**WISD #: 31310P00**

**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. The concept of frame of reference is introduced as an influence on an individual's point of view.

### 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.

### 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





digital tools, devices, communication, and programming to empower students to apply current and emerging technologies in their careers, their education, and beyond.