

WISD Middle School Course Catalog for 2018-2019

Department: LC-Local Credit

READING LAB 7

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
44750000	RDGLAB7	1	YR		85000RL7	N	2

Prerequisite: None

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

READING LAB 8

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
47750000	RDGLAB8	1	YR		85000RL8	N	2

Prerequisite: None

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

ROBOTIC DESIGN1

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
43250000	ROBOTIC1	1	YR		82970RD1	N	2

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 DESIGN2

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
43270000	ROBOTIC2	1	YR		83600RD2	N	2

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.

SCIENCE AIDE

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42710000	SCI AIDE	1	YR		84800SCI	N	2

Prerequisite: None

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Department: LC-Local Credit

SCIENCE LAB 7

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
44430000	SCILAB7	1	YR		85000SC7	N	2

Prerequisite: None

SCIENCE LAB 8

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
47450000	SCILAB8	1	YR		84800SL8	N	2

Prerequisite: None

TEAM AIDE

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42570000	TEAM AID	1	YR		85000TMA	N	2

Prerequisite: None

TEENLEADER

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
43180000	TEENLEAD	0.5	SM		85000TLD	N	2

Prerequisite: None

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

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
43260000	YEARBOOK	1	YR		85000YBK	N	2

Prerequisite: None

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.

WISD Middle School Course Catalog for 2018-2019

Department: LOTE-Language Other Than English

INTRO SPAN

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
43110000	INTRO SP	1	YR		03443000	N	2

Prerequisite: None

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 1

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
65110JM0	SPANISH1	1	YR	J	03440100	N	

Prerequisite: None

This course is for highly motivated 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 reinforces by the study of grammatical structures. The course is for High School credit and therefor will be taught at the same rigor as the 6511 Spanish course.

WISD Middle School Course Catalog for 2018-2019

Department: MA-Mathematics

ALGEBRA 1 JMO

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
62110JMO	ALG 1 JMO	1	YR	J	03100500	N	2

Prerequisite: Administrative Approval

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 class is for High School credit.

MATH 6

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
31210000	MATH 6	1	YR		02820000	N	2

Prerequisite: None

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.

WISD Middle School Course Catalog for 2018-2019

Department: MA-Mathematics

MATH 6 PAP

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
31210P00	MATH 6PAP	1	YR	Q	02820000	N	1

Prerequisite: None

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

MATH 7

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
44210000	MATH 7	1	YR		03103000	N	2

Prerequisite: None

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.

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Department: MA-Mathematics

MATH 7 PAP

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
44210P00	MATH 7PA	1	YR	Q	03103000	N	1

Prerequisite: None

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

MATH 8

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
47210000	MATH 8	1	YR		03103100	N	2

Prerequisite: None

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.

WISD Middle School Course Catalog for 2018-2019

Department: PE-Physical Education or equivalent

ATH BOYS 7

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42170000	BOYSATH7	1	YR		03823000	N	2

Prerequisite: None

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

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42270000	BOY ATH8	1	YR		03823000	N	2

Prerequisite: None

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

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42340000	ATH GR 7	1	YR		03823000	N	2

Prerequisite: None

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.

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Department: PE-Physical Education or equivalent

ATH GIRLS 7-FAL

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42350000	ATH GR F	0.5	SM		03823000	N	2

Prerequisite: None

Volleyball/Basketball Grade 7

This program offers UIL sanctioned competitive sports. A physical exam is required each year. Students must have transportation after practice. Coaches' approval is required. Any student not enrolled in the athletic period is still eligible to try-out and participate in all sports. If a student does not play volleyball or basketball, she will not be able to take athletics in the spring.

If a student's grades are not sufficient for the student to remain eligible, student may be removed from athletics at the end of the semester. All students participating in Brabham Athletics are required to purchase their athletic clothing. Clothing will consist of a t-shirt and shorts which will be worn in practice every day and will belong to the athlete at the end of the school year. Seventh graders may use the same clothing in 8th grade or may wish to purchase a new set.

Clothing is \$25; any clothing purchased after May 2012 will be \$30.00.

ATH GIRLS 7-SPR

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42360000	ATH GR S	0.5	SM		03823000	N	2

Prerequisite: None

Volleyball/Basketball Grade 7

This program offers UIL sanctioned competitive sports. A physical exam is required each year. Students must have transportation after practice. Coaches' approval is required. Any student not enrolled in the athletic period is still eligible to try-out and participate in all sports. If a student does not play volleyball or basketball, she will not be able to take athletics in the spring.

If a student's grades are not sufficient for the student to remain eligible, student may be removed from athletics at the end of the semester. All students participating in Brabham Athletics are required to purchase their athletic clothing. Clothing will consist of a t-shirt and shorts which will be worn in practice every day and will belong to the athlete at the end of the school year. Seventh graders may use the same clothing in 8th grade or may wish to purchase a new set.

Clothing is \$25; any clothing purchased after May 2012 will be \$30.00.

ATH GIRLS 8

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42440000	ATH GR 8	1	YR		03823000	N	2

Prerequisite: None

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.

WISD Middle School Course Catalog for 2018-2019

Department: PE-Physical Education or equivalent

ATH GIRLS 8-FAL

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42450000	ATH GR F	0.5	SM		03823000	N	2

Prerequisite: None

Volleyball/Basketball/Track Grade 7 or 8

This program offers UIL sanctioned competitive sports. A physical exam is required each year. Students must have transportation after practice. Coaches' approval is required. Any student not enrolled in the athletic period is still eligible to try-out and participate in all sports. If a student does not play volleyball or basketball, she will not be able to take athletics in the spring.

If a student's grades are not sufficient for the student to remain eligible, student may be removed from athletics at the end of the semester. All students participating in Brabham Athletics are required to purchase their athletic clothing. Clothing will consist of a t-shirt and shorts which will be worn in practice every day and will belong to the athlete at the end of the school year. Seventh graders may use the same clothing in 8th grade or may wish to purchase a new set.

Clothing is \$25; any clothing purchased after May 2012 will be \$30.00.

ATH GIRLS 8-SPR

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42460000	ATH GR S	0.5	SM		03823000	N	2

Prerequisite: None

Volleyball/Basketball/Track Grade 7 or 8

This program offers UIL sanctioned competitive sports. A physical exam is required each year. Students must have transportation after practice. Coaches' approval is required. Any student not enrolled in the athletic period is still eligible to try-out and participate in all sports. If a student does not play volleyball or basketball, she will not be able to take athletics in the spring.

If a student's grades are not sufficient for the student to remain eligible, student may be removed from athletics at the end of the semester. All students participating in Brabham Athletics are required to purchase their athletic clothing. Clothing will consist of a t-shirt and shorts which will be worn in practice every day and will belong to the athlete at the end of the school year. Seventh graders may use the same clothing in 8th grade or may wish to purchase a new set.

Clothing is \$25; any clothing purchased after May 2012 will be \$30.00.

BSKTBL/TRACK 7

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42160000	BSKTBL/T	0.5	SM		03823000	N	2

Prerequisite:

BSKTBL/TRACK 8

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42260000	BSKTBL/T	0.5	SM		03823000	N	2

Prerequisite:

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Department: PE-Physical Education or equivalent

DRILL TEAM 7

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
43430000	DRILL T7	1	YR		03823000	N	2

Prerequisite: None

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

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
43470000	DRILL T8	1	YR		03823000	N	2

Prerequisite: None

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.

FOOTBALL 7

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42150000	FOOTBALL	0.5	SM		03823000	N	2

Prerequisite: None

Football/Basketball/Track/Off Season Football Grade 7 or 8

This program offers UIL sanctioned competitive sports. A physical exam is required each year. Students must have transportation after practice. Coaches' approval is required. Any student not enrolled in the athletic period is still eligible to try-out and participate in all sports. If a student does not play football or basketball, he will not be able to take athletics in the spring. If a student's grades are not sufficient for the student to remain eligible, student may be removed from athletics at the end of the semester. All students participating in Brabham Athletics are required to purchase their athletic clothing. Clothing will consist of a t-shirt and shorts which will be worn in practice every day and will belong to the athlete at the end of the school year. Seventh graders may use the same clothing in 8th grade or may wish to purchase a new set. Clothing is \$25; any clothing purchased after May 2012 will be \$30.00.

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Department: PE-Physical Education or equivalent

FOOTBALL 8

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42250000	FOOTBALL	0.5	SM		03823000	N	2

Prerequisite:

PE

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42470000	PE	1	YR		03823000	N	2

Prerequisite: None

Grade 6, 7 or 8 Four semesters required for middle school. See below for clothing fee.

PE BOYS 6

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
34130000	BOYS PE6	1	YR		02850000	N	2

Prerequisite: None

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.

PE BOYS 7

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42130000	BOYSPE7	1	YR		03823000	N	2

Prerequisite: None

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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Department: PE-Physical Education or equivalent

PE BOYS 8

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42230000	BOYSPE8	1	YR		03823000	N	2

Prerequisite: None

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 DANCE 6

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
34270000	PEDANCE6	1	YR		03823000	N	2

Prerequisite: None

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.

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Department: PE-Physical Education or equivalent

PE GIRLS 6

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
34230000	GIRLSPE6	1	YR		02850000	N	2

Prerequisite: None

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.

PE GIRLS 7

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42330000	GIRLSPE7	1	YR		03823000	N	2

Prerequisite: None

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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Department: PE-Physical Education or equivalent

PE GIRLS 8

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42430000	GIRLSPE8	1	YR		03823000	N	2

Prerequisite: None

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

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
34200000	TENNIS 6	1	YR		02850000	N	2

Prerequisite: None

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

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
42480000	TENNIS78	1	YR		03823000	N	2

Prerequisite: None

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.

WISD Middle School Course Catalog for 2018-2019

Department: SC-Science

SCIENCE 6

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
31410000	SCI 6	1	YR		02830000	N	2

Prerequisite: None

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 PAP

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
31410P00	SCI 6PAP	1	YR	Q	02830000	N	1

Prerequisite: None

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. Pre-AP 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. Pre-AP middle school science courses are designed to prepare students for high school Pre-AP and Advanced Placement (AP) courses.

SCIENCE 7

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
44410000	SCI 7	1	YR		03060700	N	2

Prerequisite: None

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.

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Department: SC-Science

SCIENCE 7 PAP

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
44410P00	SCI 7 P	1	YR	Q	03060700	N	1

Prerequisite: None

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. Pre-AP 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. Pre-AP middle school Language Arts courses are designed to prepare students for high school Pre-AP and Advanced Placement (AP) courses.

SCIENCE 8

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
47410000	SCI 8	1	YR		03060800	N	2

Prerequisite: None

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 PAP

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
47410P00	SCI 8 PA	1	YR	Q	03060800	N	1

Prerequisite: None

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. Pre-AP 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. Pre-AP middle school science courses are designed to prepare students for high school Pre-AP and Advanced Placement (AP) courses.

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Department: SS-Social Studies

HISTORY 6

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
31310000	HIST 6	1	YR		02870000	N	2

Prerequisite: None

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 PAP

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
31310P00	HIST 6PA	1	YR	P	02870000	N	1

Prerequisite: None

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. Pre-AP 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. Pre-AP middle school social studies courses are designed to prepare students for high school Pre-AP and Advanced Placement (AP) courses.

HISTORY 7

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
44310000	HIST 7	1	YR		03343000	N	2

Prerequisite: None

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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Department: SS-Social Studies

HISTORY 7 PAP

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
44310P00	HIST 7PA	1	YR	Q	03343000	N	1

Prerequisite: None

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. Pre-AP 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. Pre-AP middle school social studies courses are designed to prepare students for high school Pre-AP and Advanced Placement (AP) courses.

HISTORY 8

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
47310000	HIST 8	1	YR		03343100	N	2

Prerequisite: None

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 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.

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Department: SS-Social Studies

HISTORY 8 PAP

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
47310P00	HIST 8 P	1	YR	Q	03343100	N	1

Prerequisite: None

PAP students will 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 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. For PAP students the information covered with more depth and breadth than for regular students. Students will demonstrate knowledge with extended and enrichment activities both at school and home. Pre-AP 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. Pre-AP middle school social studies courses are designed to prepare students for high school Pre-AP and Advanced Placement (AP) courses

WISD Middle School Course Catalog for 2018-2019

Department: TA-Tech Applications

TECH APP 6

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
43210000	TECHAPP6	1	YR		02670060	N	2

Prerequisite: None

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

TECH APP 7

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
43230000	TECHAPP7	1	YR		03580100	N	2

Prerequisite: None

Grade 7 Tech Apps develops skills in computer applications, including word processing, spreadsheets, desktop publishing and web page development.

TECH APP 8

Course Number	Abbreviation	Number of Credits	Duration	AAR Code	State Service ID	Included in WGPA	Course Tier Level
43240000	TECHAPP8	1	YR		03580120	N	2

Prerequisite: None

Grade 8 Tech Apps develops skills in designing, importing, and manipulating text, graphics, audio, and video used in presentations, multimedia productions, publishing systems, and emerging technologies.