



# Dickinson Middle School

Growing minds.  
Building community.

## **2022-2023 Course Descriptions**

Dickinson Middle School

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<https://www.dickinson.k12.nd.us/schools/dms>

## 6<sup>th</sup> Grade Dickinson Middle School Course Descriptions

### REQUIRED CLASSES

<b>Course Name:</b> Literacy 6	<b>Class Type:</b> Core	<b>Term:</b> Full Year	<b>Grade:</b> 6
<b>Description:</b> Read Like a Writer - Write Like a Reader			

<b>Course Name:</b> Mathematics 6	<b>Class Type:</b> Core	<b>Term:</b> Full Year	<b>Grade:</b> 6
<b>Description:</b> This course explores 6th grade mathematics. Major areas of emphasis are basic operations with fractions and decimals, area, perimeter and volume of geometric shapes and algebraic expressions. 6th grade students will learn through independent practice, group collaborations and hands on activities.			

<b>Course Name:</b> Physical Education (P.E.)	<b>Class Type:</b> Required	<b>Term:</b> Semester	<b>Grade:</b> 6
<b>Description:</b> This course explores physical activity. Major areas of exploration will be fitness components, skill development, and cooperative team work development. Students will learn through effort, attitude, and participation. This course meets on an A/B schedule and is a yearlong course.			

<b>Course Name:</b> Science 6	<b>Class Type:</b> Core	<b>Term:</b> Full Year	<b>Grade:</b> 6
<b>Description:</b> This course explores all aspects of science. The major areas of emphasis are life, earth, physical, and biological. Students will learn through labs, hands-on activities, technology, cooperative learning, and by using a scientific thought process.			

<b>Course Name:</b> Social Studies 6	<b>Class Type:</b> Core	<b>Term:</b> Full Year	<b>Grade:</b> 6
<b>Description:</b> This course explores a number of ancient civilizations including Mesopotamia, Egypt, Greece, Rome, China, and the Middle Ages. Student learning focuses on six aspects of daily life in each civilization including religion, environment, culture, innovations, politics, and economy.			

<b>Course Name:</b> STEM Inquiry	<b>Class Type:</b> Required	<b>Term:</b> Semester	<b>Grade:</b> 6
<b>Description:</b> STEM Inquiry is an Introduction to STEM (Science, Technology, Engineering and Math). This course will bring together the Engineering Design Process and the Scientific Method to educate students in STEM critical thinking skills. Students will learn math and science ideas to enhance the learning experience. Activities will include: engineering, measurement, space exploration, coding, flight, and environmental studies.			

## **ELECTIVE CLASSES**

<b>Course Name:</b> Art	<b>Class Type:</b> Elective	<b>Term:</b> Quarter	<b>Grade:</b> 6
<b>Description:</b> This course explores the beginning skills associated with drawing, painting and clay. A major emphasis is placed on learning to see and draw like an artist does. Students will learn through hands on projects.			

<b>Course Name:</b> Beginning Band	<b>Class Type:</b> Elective	<b>Term:</b> Full Year A/B	<b>Grade:</b> 6
<b>Description:</b> Beginning Band is designed to provide students with an introductory experience on band instruments. Beginning Band is a year-long course on an A/B schedule. Students must provide a personally owned or rental instrument for this program. Students with a personally owned instrument should have it approved by the director prior to the start of the class. Students and parents should plan for the student to complete the entire school year of the course once they select it.			

<b>Course Name:</b> Books & Media	<b>Class Type:</b> Elective	<b>Term:</b> Quarter	<b>Grade:</b> 6
<b>Description:</b> This class explores all types of media ranging from print to digital. Students will learn about information, how to find it, and evaluate it. They will create projects using different types of media.			

<b>Course Name:</b> Computer Applications 6	<b>Class Type:</b> Elective	<b>Term:</b> Quarter	<b>Grade:</b> 6
<b>Description:</b> This course builds skills in introductory typing by utilizing computer software programs. Students become familiar with different keyboard functions and document functions while developing correct typing techniques and improving speed and accuracy when producing independent works.			

<b>Course Name:</b> Foreign Language Exploration	<b>Class Type:</b> Elective	<b>Term:</b> Quarter	<b>Grade:</b> 6
<b>Description:</b> This is an exploratory course for foreign language and culture. The emphasis is to give student the opportunity to develop their cultural awareness through meaningful exploration and relevant topics. The learner is exposed to the foreign languages in an encouraging and safe learning environment that provides linguistic and academic challenges. This class instills the idea that learning a world language helps us understand, communicate, and connect with members of our global community.			

<b>Course Name:</b> Music Exploration	<b>Class Type:</b> Elective	<b>Term:</b> Quarter	<b>Grade:</b> 6
<b>Description:</b> 6th Grade Music Exploration class offers the students an opportunity to explore world music drumming, beginning guitar skills and an introduction to music technology. No prerequisite knowledge of playing the instruments is needed to take this class. Instruments are provided. This class meets daily for 9 weeks. Grade 6 students will have the opportunity to audition for the "Surround the State in Song Choir" which is held in October.			

<b>Course Name:</b> Skills for Daily Living 6	<b>Class Type:</b> Elective	<b>Term:</b> Quarter	<b>Grade:</b> 6
<b>Description:</b> This course explores topics related to family and consumer sciences. Areas of emphasis are laundry, cooking, and sewing. Students will learn through a project-based curriculum.			

## REFERRAL CLASSES

<b>Course Name:</b> Math 6	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 6
<b>Description:</b> This class reviews addition, subtraction, multiplication, and division before focusing on factors, primes, composites, and number patterns. Then students will start to learn the basics of fractions. This class uses TransMath curriculum.			

<b>Course Name:</b> Math Boost	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 6
<b>Description:</b> Math intervention is designed to “fill the holes” from prior year(s) math classes. This course aims to build math comprehension and fluency. By going back to the basics we will begin with building and cementing basic math skills that will in turn build each student’s confidence in the math classroom. We will be working on Khan Academy, IXL or Xtramath, 60 minutes per week depending on grade level. This class is designed to pre-teach, reteach, and provide support for students taking grade-level math. These classes will work with smaller groups for more 1 on 1 attention. Homework time will be provided as deemed necessary.			

<b>Course Name:</b> Reading Boost	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 6
<b>Description:</b> This course is an extension of Language Arts aimed to build reading comprehension and fluency as well as build on the skills currently being taught in their daily Language Arts class. We will work to build each student’s confidence in the English Language classroom. This class is designed for guided practice, pre-teaching, re-teaching, and providing support for students taking grade-level Language Arts. These classes will work with smaller groups for more 1 on 1 attention. Homework time will be provided as deemed necessary.			

<b>Course Name:</b> Read 180	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 6
<b>Description:</b> Read 180 is a research-based reading intervention program designed to raise the reading levels and test scores of struggling readers. Read 180 addresses the problems of adolescent students who read below grade level. Research has shown the effectiveness of Read 180 in meeting the needs of struggling readers. Read 180 provides language support for ELL students with high interest and adaptive software support that benefit struggling readers.			

## 7<sup>th</sup> Grade Dickinson Middle School Course Descriptions

### REQUIRED CLASSES

<b>Course Name:</b> Geography	<b>Class Type:</b> Core	<b>Term:</b> Full Year	<b>Grade:</b> 7
<b>Description:</b> Geography focuses on the Six Essential Elements and Five Themes of Geography. Students will explore these across different regions in the world. Within each region, students will learn about the physical and cultural features as well as economic concepts that make that region unique. Students will learn about governments, mountains, lakes, religions, people, currency, how to read and use a map, and many other key topics. We will also take time to discuss and learn about current events. Geography helps students understand the relationship among people, places and the environment over time. The aim of this course is to help students become more globally minded, understand multiple perspectives, and appreciate diversity. Studying the human and physical geographic regions of the world helps students develop an understanding of the greater world creating awareness and concern.			

<b>Course Name:</b> Language 7	<b>Class Type:</b> Core	<b>Term:</b> Full Year	<b>Grade:</b> 7
<b>Description:</b> This course explores the reading, writing, speaking, and listening standards needed to be successful in comprehension and communication. Students will read a variety of genres to increase awareness and apply reading skills. Students will use various types of writing to further develop the writing process and learn to adapt to specific types of writing.			

<b>Course Name:</b> Mathematics 7	<b>Class Type:</b> Core	<b>Term:</b> Full Year	<b>Grade:</b> 7
<b>Description:</b> This course explores mathematical thinking. Major areas of emphasis are operations with rational numbers, ratios, rates, proportions and linear equations. Students will learn through group work, hands on activities and teacher instruction.			

<b>Course Name:</b> Physical Education (P.E.)/Health	<b>Class Type:</b> Required	<b>Term:</b> Semester	<b>Grade:</b> 7
<b>Description:</b> This course explores physical activity. Major areas of exploration will be fitness components, skill development, cooperative team work development. Students will learn through effort, attitude, and participation. Students will learn about physical, mental, emotional and social health. Students will understand how to improve and maintain their health, prevent disease, and reduce risky behaviors.			

<b>Course Name:</b> Science 7	<b>Class Type:</b> Core	<b>Term:</b> Full Year	<b>Grade:</b> 7
<b>Description:</b> This course explores all aspects of science. The major areas of emphasis are life, earth, physical, and biological. Students will learn through labs, hands-on activities, technology, cooperative learning, and by using a scientific thought process.			

## **ELECTIVE CLASSES**

<b>Course Name:</b> Art	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 7
<b>Description:</b> This course explores the beginning and advanced skills associated with drawing, painting sculpting and printmaking. A major emphasis is placed on enhancing drawing as well as using color in various color media. Students will learn through hands on projects.			

<b>Course Name:</b> Band 7	<b>Class Type:</b> Elective	<b>Term:</b> Full Year	<b>Grade:</b> 7
<b>Description: *Must have previously taken 6th Grade Band.</b> 7th Grade Band is designed to provide students with an intermediate experience on band instruments. Curriculum for this course is an extension of the skills and concepts introduced in Beginning Band. Band is a year-long course of instruction. Students will have required performances during the school year. Students and parents should plan for the student to complete the entire school year of the course once they select it as an elective option. Students will have the opportunity to audition for the “North Dakota Middle School All-State Band”. Students must provide a personally owned or rental instrument for this program.			

<b>Course Name:</b> Choir 7	<b>Class Type:</b> Elective	<b>Term:</b> Semester or Full Year	<b>Grade:</b> 7
<b>Description: *No prior experience needed</b> 7th grade choir students develop appropriate singing techniques, sing in a variety of musical styles, and further their music theory skills as related to the music being taught. All 7th grade students are welcome! Students will have required performances during the school year. Students will have the opportunity to audition for the “North Dakota Middle School All State Choirs”.			

<b>Course Name:</b> Computer Applications I	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 7
<b>Description:</b> This course explores basic computer science and application skills, while continuing to build on keyboarding speed and accuracy. Students will gain transferable skills in software applications supporting technology needs throughout school and beyond.			

<b>Course Name:</b> Skills for Daily Living	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 7
<b>Description:</b> This course explores topics related to family and consumer sciences. Major areas of emphasis are cooking, sewing, family resources, child care, and nutrition. Students will learn by actively engaging in real-world and personally meaningful projects.			

<b>Course Name:</b> Intro to Spanish	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 7
<b>Description:</b> This course explores the Spanish language and culture. Major areas of emphasis are recognition, listening, and an introduction to conversation. This course instills the idea that learning a world language helps us understand, communicate, and connect with members of our global community. In this course, students acquire a foundation in Spanish by listening to understand, reading, writing, and speaking in Spanish.			

<b>Course Name:</b> World Drumming	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 7
<b>Description:</b> 7th Grade students that choose this class will study world music drumming and marimba playing. Students will focus on ensemble playing on a variety of instruments and experience a variety of drumming and marimba styles and traditions. Students will demonstrate their knowledge through class participation and when available, public performances. Instruments are provided for the students for use in class. This course meets daily during the semester. This course is a prerequisite for 8th grade advanced drumming.			

## **STEM CLASSES**

<b>Course Name:</b> ImpACT	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 7 & 8
<b>Description:</b> This course will explore solutions to problems using Science, Technology, Engineering, and Math with a focus on science technology, the environment, and health. This elective will feature a variety of fun topics that ImpACT us all. Goals will be to create curiosity, develop mindsets for asking questions and solve problems through engineering.			

<b>Course Name:</b> Design & Technology	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 7 & 8
<b>Description:</b> This course will explore solutions to problems using Science, Technology, Engineering, and Math with a focus the engineering design process. Students will explore these instrumental content areas using a variety of technologies. Through module-based lessons, students will develop real-world skills through woodworking, dragster design and construction, engineering, and flight while using critical reason skills associated with computer programming, robotics, and basic video game design. Over the course of a module, students will individually customize their learning path based on their own interests.			

<b>Course Name:</b> Scientific Inquiry & Design	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 7& 8
<b>Description:</b> This course will explore solutions to problems using Science, Technology, Engineering, and Math with a focus on answering questions with the scientific method and designing solutions with the Engineering Design Process. Students will learn the history of and learn to use a variety of technology, including: 3D Printers, Electronics and Circuits, Coding (Micro: bit), Drones, LASERS, etc. Students will also learn and practice technical writing and professional presentation skills.			

## REFERRAL CLASSES

<b>Course Name:</b> Math Boost	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 7
<b>Description:</b> Math intervention is designed to “fill the holes” from prior year(s) math classes. This course aims to build math comprehension and fluency. By going back to the basics we will begin with building and cementing basic math skills that will in turn build each student’s confidence in the math classroom. We will be working on Khan Academy, IXL or Xtramath 60 minutes per week depending on grade level. This class is designed to pre-teach, reteach, and provide support for students taking grade-level math. These classes will work with smaller groups for more 1on 1 attention. Homework time will be provided as deemed necessary.			

<b>Course Name:</b> Reading Boost	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 7
<b>Description:</b> This course is an extension of Language Arts aimed to build reading comprehension and fluency as well as build on the skills currently being taught in their daily Language Arts class. We will work to build each student’s confidence in the English Language classroom. This class is designed for guided practice, pre-teaching, re-teaching, and providing support for students taking grade-level Language Arts. These classes will work with smaller groups for more 1 on 1 attention. Homework time will be provided as deemed necessary.			

<b>Course Name:</b> Read 180	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 7
<b>Description:</b> Read 180 is a research-based reading intervention program designed to raise the reading levels and test scores of struggling readers. Read 180 addresses the problems of adolescent students who read below grade level. Research has shown the effectiveness of Read 180 in meeting the needs of struggling readers. Read 180 provides language support for ELL students and high interest and adaptive software support that benefit Special Education students. Read180 is not JUST for ESL and Special Education; it is a program that benefits any struggling reader.			

<b>Course Name:</b> Language Strategies	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 7
<b>Description:</b> We will learn to read critically, organize our writing, and improve our vocabulary, spelling, and grammar skills.			

<b>Course Name:</b> Math 7	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 7
<b>Description:</b> This class continues to review what was taught in 6 <sup>th</sup> grade Math. It will also cover fractions, decimals, percent/probability, integers, angle measures, geometry and data. This class uses the "TransMath" program.			



<b>Course Name:</b> Resource	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 7
<b>Description:</b> This class will use the read naturally program and one-on-one instruction to help students increase basic reading and writing skills. It will give you a chance to finish homework for other classes with teacher assistance and support.			

## 8<sup>th</sup> Grade Dickinson Middle School Course Descriptions

### REQUIRED CLASSES

<b>Course Name:</b> 9 <sup>th</sup> Grade Advanced Algebra I	<b>Class Type:</b> Core	<b>Term:</b> Full Year	<b>Grade:</b> 8
<b>Description:</b> * <b>Completion of this course fulfills the Algebra I requirement for high school graduation.</b> Advanced Algebra I is the study of the structure and properties of the real numbers. A considerable amount of time is spent teaching these concepts through the use of variables. Topics covered include linear functions, inequalities, systems of linear equations, quadratic functions, polynomials, exponential functions, and radicals. This course is the first course in the traditional college preparatory sequence. Placement in this course will be determined by prior academic records.			

<b>Course Name:</b> Language 8	<b>Class Type:</b> Core	<b>Term:</b> Full Year	<b>Grade:</b> 8
<b>Description:</b> This course explores the reading, writing, speaking, and listening standards for grade 8 ELA. The curriculum in Language Arts is an integrated combination of reading skills, writing skills, speaking and listening skills, grammar study, and vocabulary acquisition. The teaching and learning activities are designed to improve upon existing skills and extend learning.			

<b>Course Name:</b> Mathematics 8	<b>Class Type:</b> Core	<b>Term:</b> Full Year	<b>Grade:</b> 8
<b>Description:</b> This course explores mathematical thinking. Major areas of emphasis are linear and non-linear functions, Pythagorean Theorem, geometric transformations, and systems of equations. Students will learn through group work, hands on activities, and teacher instruction.			

<b>Course Name:</b> Physical Education (P.E.)/Health	<b>Class Type:</b> Required	<b>Term:</b> Semester	<b>Grade:</b> 8
<b>Description:</b> This course explores physical activity. Major areas of exploration will be Fitness components, Skill development, cooperative team work development. Students will learn through effort, attitude, and participation. Students will learn about physical, mental, emotional and social health. Students will understand how to improve and maintain their health, prevent disease, and reduce risky behaviors.			

<b>Course Name:</b> Science 8	<b>Class Type:</b> Core	<b>Term:</b> Full Year	<b>Grade:</b> 8
<b>Description:</b> This course explores all aspects of science. The major areas of emphasis are life, Earth, physical, and biological. This course includes an introduction to chemistry. Students will learn through labs, hands-on activities, technology, cooperative learning, and by using a scientific thought process.			

<b>Course Name:</b> History/ND Studies	<b>Class Type:</b> Core	<b>Term:</b> Full Year	<b>Grade:</b> 8
<b>Description:</b> This course explores early American history starting at the American Revolution and ending with the cultural reforms of the early 20th century. While covering topics in United States history, we also discuss the events occurring in North Dakota during the same time period. Students will learn through discussion, direct instruction, and collaborative learning.			

## **ELECTIVE CLASSES**

<b>Course Name:</b> Advanced World Drumming	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 8
<b>Description: *Must have previously taken World Drumming</b> 8th Grade students may choose this option if they wish to continue to study world music drumming and marimba playing. In this class, students will focus on improving their ensemble skills, add to their African/Latin American drumming techniques and study other world cultures and their music. Students will also improve their marimba playing skills within the ensemble and play a variety of instruments throughout this course. Students will demonstrate their knowledge through class participation and when available, public performances. Instruments are provided for the students.			

<b>Course Name:</b> Art SL (semester long)	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 8
<b>Description:</b> This course explores the beginning and advanced skills associated with drawing, painting, sculpting and printmaking. A major emphasis is placed on exposing the students to multiple media as they continue to enhance skills developed in 6th and 7th grade. Students will learn through hands on projects.			

<b>Course Name:</b> Art YL (yearlong)	<b>Class Type:</b> Elective	<b>Term:</b> Full Year	<b>Grade:</b> 8
<b>Description:</b> This course is open to 8th grade students that are driven and serious about art with the desire to take Art for the entire school year. Students in this class will follow the same curriculum in the first semester as the students enrolled in Art SL (semester long). In the second semester Art YL (yearlong) students will explore new media and concepts as well as advanced skills in media the students were exposed to in Art SL (semester long) class. Mediums covered will be in Drawing, Painting, Sculpting and Digital Photography. This class is limited to one section and will be full year class. Students will learn through hands on projects.			

<b>Course Name:</b> Band 8	<b>Class Type:</b> Elective	<b>Term:</b> Full Year	<b>Grade:</b> 8
<b>Description: *Must have previously taken 7th Grade Band</b> 8th Grade Band is designed to provide students with an advanced experience on band instruments. Curriculum for this course is an extension of the skills and concepts introduced in 7th grade band. 8th grade Band is a year-long course of instruction. Students will have required performances during the school year. Students and parents should plan for the student to complete the entire school year of the course once they select it as an elective option. Students will have the opportunity to audition for the "North Dakota Middle School All State Band". Students must provide a personally owned or rental instrument for this program.			

<b>Course Name:</b> Choir 8	<b>Class Type:</b> Elective	<b>Term:</b> Semester or Full Year	<b>Grade:</b> 8
<b>Description: *No prior experience needed</b> 8th grade students continue to develop appropriate singing techniques, sing in a variety of musical styles, and further their music theory skills as related to the music being taught. All 8th grade students are welcome! Students will have required performances during the school year. Students will have the opportunity to audition for the “North Dakota Middle School All State Choirs”. This course meets every day.			

<b>Course Name:</b> Computer Applications I	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 7 & 8
<b>Description:</b> This course explores basic computer science and application skills, while continuing to build on keyboarding speed and accuracy. Students will gain transferable skills in software applications supporting technology needs throughout school and beyond.			

<b>Course Name:</b> Computer Applications II	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 8
<b>Description: *Must have previously taken Computer Apps I</b> This course explores advanced computer science and application skills. Major areas of emphasis are keyboarding, Google Apps, and using a computer as a resource. Students will learn through critical thinking, problem solving, analyzing, and editing different types of applications and their uses.			

<b>Course Name:</b> Guitar	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 8
<b>Description: “All Amped Up”</b> 8th grade students enrolled in this class will learn and develop basic to intermediate guitar skills. Students do not need previous experience on guitar. Students will learn basic technique, information and music theory concepts. Students will study and learn to play a variety of musical styles. Guitars will be provided for class use. Personal guitars may be used but must be approved by the director prior to taking the class.			

<b>Course Name:</b> Skills for Daily Living	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 8
<b>Description: *This course is not available if you took it in 7<sup>th</sup> grade.</b> This course explores topics related to family and consumer sciences. Major areas of emphasis are cooking, sewing, family resources, child care, and nutrition. Students will learn by actively engaging in real-world and personally meaningful projects.			

<b>Course Name:</b> Intro to Spanish	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 7 & 8
<b>Description:</b> This course explores the Spanish language and culture. Major areas of emphasis are recognition, listening, and an introduction to conversation. This course instills the idea that learning a world language helps us understand, communicate, and connect with members of our global community. In this course, students acquire a foundation in Spanish by listening to understand, reading, writing, and speaking in Spanish.			

<b>Course Name:</b> 9 <sup>th</sup> Grade Spanish I	<b>Class Type:</b> Elective	<b>Term:</b> Yearlong	<b>Grade:</b> 8
<b>Description:</b> *Completion of this course fulfills one credit of the foreign language requirement for high school graduation. *You must have successfully completed Intro to Spanish and have a referral to take this class. This course explores basic spoken and written expression in the Spanish language while becoming familiar with frequently used structures and vocabulary. In this course, students acquire Spanish by listening to understand, reading, writing, and speaking in Spanish. Students explore and compare customs, celebrations, and other elements of Spanish culture. Focus on basic conversation, vocabulary, grammar, and verb acquisition. Placement in this course will be determined by prior academic records.			

<b>Course Name:</b> Weight Lifting/Conditioning	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 8
<b>Description:</b> This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. Course includes both lecture and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime.			

## STEM CLASSES

<b>Course Name:</b> ImpACT	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 7 & 8
<b>Description:</b> This course will explore solutions to problems using Science, Technology, Engineering, and Math with a focus on science technology, the environment, and health. This elective will feature a variety of fun topics that ImpACT us all. Goals will be to create curiosity, develop mindsets for asking questions and solve problems through engineering.			

<b>Course Name:</b> Design & Technology	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 7 & 8
<b>Description:</b> This course will explore solutions to problems using Science, Technology, Engineering, and Math with a focus the engineering design process. Students will explore these instrumental content areas using a variety of technologies. Through module-based lessons, students will develop real-world skills through woodworking, dragster design and construction, engineering, and flight while using critical reason skills associated with computer programming, robotics, and basic video game design. Over the course of a module, students will individually customize their learning path based on their own interests.			

<b>Course Name:</b> Scientific Inquiry & Design	<b>Class Type:</b> Elective	<b>Term:</b> Semester	<b>Grade:</b> 7& 8
<b>Description:</b> This course will explore solutions to problems using Science, Technology, Engineering, and Math with a focus on answering questions with the scientific method and designing solutions with the Engineering Design Process. Students will learn the history of and learn to use a variety of technology, including: 3D Printers, Electronics and Circuits, Coding (Micro: bit), Drones, LASERS, etc. Students will also learn and practice technical writing and professional presentation skills.			

## **REFERRAL CLASSES**

<b>Course Name:</b> Math Boost	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 8
<b>Description:</b> Math intervention is designed to “fill the holes” from prior year(s) math classes. This course aims to build math comprehension and fluency. By going back to the basics, we will begin with building and cementing basic math skills that will in turn build each student’s confidence in the math classroom. This class is designed to pre-teach, reteach, and provide support for students taking grade-level math. These classes will work with smaller groups for more 1 on 1 attention. Homework time will be provided as deemed necessary. This class supports students in being successful in their current math class by providing additional instruction and review of the current 8th grade math class topics.			

<b>Course Name:</b> Reading Boost	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 8
<b>Description:</b> This course is an extension of Language Arts aimed to build reading comprehension and fluency as well as build on the skills currently being taught in their daily Language Arts class. We will work to build each student’s confidence in the English Language classroom. This class is designed for guided practice, pre-teaching, re-teaching, and providing support for students taking grade-level Language Arts. These classes will work with smaller groups for more 1 on 1 attention. Homework time will be provided as deemed necessary.			

<b>Course Name:</b> Read 180	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 8
<b>Description:</b> Read 180 is a research-based reading intervention program designed to raise the reading levels and test scores of struggling readers. Read 180 addresses the problems of adolescent students who read below grade level. Research has shown the effectiveness of Read 180 in meeting the needs of struggling readers. Read 180 provides language support for ELL students and high interest and adaptive software support that benefit Special Education students. Read180 is not JUST for ESL and Special Education; it is a program that benefits any struggling reader.			

<b>Course Name:</b> Language Strategies	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 8
<b>Description:</b> We will learn to read critically, organize our writing, and improve our vocabulary, spelling, and grammar skills.			

<b>Course Name:</b> Math 8	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 8
<b>Description:</b> This class continues to review what was taught in the 6 <sup>th</sup> and 7 <sup>th</sup> grade Math. It will also cover rational numbers, variables, ratios and proportions, algebraic expressions and inequalities, order of operations, coefficients, irrational numbers, functions, coordinate graphs, slope, Pythagorean theorem, dimensional geometry, angles, and rate. This class uses the "TransMath" program.			

<b>Course Name:</b> Resource	<b>Class Type:</b> Referral	<b>Term:</b> Full Year	<b>Grade:</b> 8
<b>Description:</b> This class will use the read naturally program and one-on-one instruction to help students increase basic reading and writing skills. It will give you a chance to finish homework for other classes with teacher assistance and support.			