ANCHOR BAY MIDDLE SCHOOL SOUTH COURSE GUIDE 2025-2026

7th & 8th grade



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Vision Statement

Educational Excellence Together

Mission Statement

Empowering all students to succeed in an ever-changing world.

Anchor Bay School District does not discriminate on the basis of religion, race, color, national origin, sex, disability, age or genetic information in its programs, activities, or employment.

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MIDDLE SCHOOL PROGRAM OF STUDIES

This program of studies has been prepared to help middle school students and parents plan the student's program according to his or her particular educational needs and interests. Continuing the strong emphasis on improving basic skills begun in the elementary schools, the middle school program of studies is organized developmentally from grades 6 through 8. The intent of the program is to provide a gradual transition into the high school program of studies and the high school enrollment process. A hallmark of the middle school experience is program flexibility. In order to accommodate the unique needs of students, differentiation of instruction is emphasized.

NWEA TESTING

Three times a year, all students will take tests called Measures of Academic ProgressTM (MAP). We give students MAP tests to determine each student's instructional level and to measure academic growth throughout the school year and from year to year in the areas of Math, Language Arts, and Science.

Each student will take the tests on a computer. MAP tests are unique in that they adapt to be appropriate for your child's level of learning. As a result, each student has the same opportunity to succeed and maintain a positive attitude toward testing. And with MAP tests, we can administer shorter tests and use less class time while still receiving detailed, accurate information about your child's growth. These results, along with other student achievement data, are used by staff members to make instructional, programming, and scheduling decisions.

Each school year, students in grades 7 and 8 take the tests in September, January, and May. Following each testing period, you will receive a report showing your child's growth.

For more information on resources for parents, download the Parent Toolkit at www.nwea.org

This booklet contains brief course descriptions for Anchor Bay Middle School South's core and elective programs. Carefully review all electives BEFORE making choices. However, due to limitations in class size, not all students will receive every requested course. Every effort will be made to honor choices.

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LANGUAGE ARTS

LANGUAGE ARTS 7

Full year

In this course, students will experience a variety of genres, including realistic fiction, mystery, poetry, drama, myth, legend, autobiography, and biography. Writing mechanics and grammar are integrated throughout the course in various writing assignments including a formal research paper.

LANGUAGE ARTS 8

Full year

In this course, students will experience a variety of genres, including historical fiction, science fiction, realistic fiction, memoir, newspaper writing, comparative essay, and persuasive essay. Writing mechanics and grammar are integrated throughout the course in various writing assignments including a formal research paper.

HONORS LANGUAGE ARTS

AN INDICATION OF INTEREST IN HONORS CLASSES DOES NOT GUARANTEE BEING ENROLLED INTO THE HONORS CLASSES

HONORS LANGUAGE ARTS 7

Full year - Pre-requisites to request: (must meet all criteria)

Semester 1 grade of at least a B- in Honors Language Arts 6, or A- or higher in Language Arts 6 Midterm grade of at least a B- in Honors Language Arts 6, or A- or higher in Language Arts 6 NWEA Reading score in the high range.

This course is designed for the talented and serious academic student who is willing to rise to the challenge of intense, independent and in-depth work. In this course, students will experience a variety of genres, including mystery, realistic fiction, poetry, drama, myth, legend, autobiography, and biography... Students will have the opportunity to read more complex text and enhance critical thinking skills. Writing mechanics and grammar are integrated throughout the course in various writing assignments including a formal research paper.

Students must maintain pre-requisite criteria to stay in Honors 2nd semester.

HONORS LANGUAGE ARTS 8

Full year - Pre-requisites to request: (must meet all criteria)
Semester 1 grade of at least a B- in Honors Language Arts 7, or A- or higher in Language Arts 7
Midterm grade of at least a B- in Honors Language Arts 7, or A- or higher in Language Arts 7
NWEA Reading score in the high range.

This course is designed for the talented and serious academic student who is willing to rise to the challenge of intense, independent, and in-depth work. In this course, students will experience a variety of genres, including historical fiction, science fiction, realistic fiction, memoir, newspaper writing, comparative essays, and persuasive essays. Students will have the opportunity to read more complex text and enhance critical thinking skills.

Writing mechanics and grammar are integrated throughout the course in various writing assignments during the year, including a formal argumentative research paper.

MATHEMATICS

MATH 7

Full Year

Seventh grade math emphasizes on developing an understanding of and applying proportional relationships and developing an understanding of operations with rational numbers. In Algebra, students will build on their previous knowledge of expressions and be introduced to linear equations. In Geometry, students will solve problems involving scale drawings and informal geometric constructions. Students will work with tow-dimensional and three-dimensional shapes to solve problems involving areas surface area, and volume. In statistics and probability, students will learn to draw inferences about populations based on samples.

MATH 8

Full Year

The main areas of emphasis for eighth grade are formulating and reasoning about expressions, functions, and geometry. In expressions and equations, students explore functions with a concentration on linear functions. Functions are studied through various representations: symbolic, graphical, tabular, and verbal. In Geometry students consolidate their knowledge of two- and three-dimensional shapes and their properties, and apply this knowledge to perimeter, area, volume, and visualization problems. In Data and Probability, students make decisions and perform basic analyses of data sets. Throughout this study, students use their understanding of number and measurement developed prior to eighth grade to solve more complex problems.

HONORS MATHEMATICS

**AN INDICATION OF INTEREST IN HONORS CLASSES DOES NOT GUARANTEE BEING ENROLLED INTO
THE HONORS CLASSES**

HONORS MATH 7

Full Year - Pre-requisites to request: (must meet all criteria)

Semester 1 grade of at least a B- in Honors Math 6, or A- or higher in Math 6

Midterm grade of at least a B- in Honors Math 6, or A- or higher in Math 6

NWEA Math score in the high range and high range, standardized and district testing

Math seven Honors is a fast paced and challenging curriculum that covers both 7^{th} and 8^{th} grade material. Students who are candidates for this class should have strong math skills, see the above criteria. The class starts the year with an in-depth study of rational numbers, exponents, powers, roots and scientific notation. The focus then moves to proportionality and linear relationships with emphasis on ratio, proportion, percent, algebraic expressions and equation, inequalities and linear function. The last part of the class focuses on statistics and probability and creating, comparing and analyzing geometric figures. Student's grades will be weighted on 55% quizzes and tests -45% classwork.

Students must maintain pre-requisite criteria to stay in Honors 2nd semester.

ALGEBRA 1

Full Year – Pre-requisites to request: (must meet all criteria)

Semester 1 grade of at least a B- in Honors Math 7, or A- or higher in Math 7

Midterm grade of at least a B- in Honors Math 7, or A- or higher in Math 7

NWEA Math score in the high range and high range, standardized and district testing

This course is for qualified accelerated students. It is a rigorous high school level Algebra I course for which the student earns high school credit. Algebra I builds on the study of functions and representations begun in the middle school grades. The main area of emphasis for Algebra I is functions and their representations. Students will learn to simplify and factor expressions, solve linear equations, quadratic equations, and systems of equations. Students will study families of functions and their graphs including linear, quadratic, polynomial, power, and exponential. Using these functions, students will model real-world situations with data and solve related problems. A scientific and/or graphing calculator will be used to supplement topics. The next course in this sequence is Honors Accelerated Geometry, which is typically offered at the high schools. Students will earn 1 high school credit after successful completion of course.

SCIENCE

SCIENCE 7

Full Year

The 7th grade science curriculum is based on the Michigan grade level content expectations (GLCEs) for seventh grade science. Students apply inquiry and laboratory skills through a variety of lab experiences. Students explore cells and the role of heredity in their study of life science. In their study of physical science, students identify types of waves and their properties. Students investigate forces and motion through simple machines and engage in investigations and discoveries. Students identify characteristics of the Earth's surface and how weather and climate affect it.

SCIENCE 8

Full Year

The 8th grade science curriculum is based on the Michigan grade level content expectations (GLCEs) for eighth grade science and the High School Content Expectations (HSCEs) for Earth Science. In their study of earth science students are introduced to inquiry and exploration in earth processes and materials such as rock and fossil records, plate tectonics, earthquakes, volcanoes, fresh and ocean water, the atmosphere, weather, climate and astronomy. The program will incorporate text, technology, media and laboratory investigations. Students will continue to use science process skills as well as employ the scientific method.

HONORS SCIENCE

AN INDICATION OF INTEREST IN HONORS CLASSES DOES NOT GUARANTEE BEING ENROLLED INTO THE HONORS CLASSES

HONORS SCIENCE 7

Full Year - Pre-requisite to request: (must meet all criteria) Semester 1 grade of at least an A- or higher in Science 6 Midterm grade of at least an A- or higher in Science 6 NWEA Reading score in the high range

This course is designed for the serious academic student who is willing to rise to the challenge of in-depth work. The seventh-grade science curriculum is based on the Michigan grade level content expectations (GLCEs) for seventh grade science. Students apply inquiry and laboratory skills through a variety of lab experiences. Students explore cells and the role of heredity in their study of life science. In their study of physical science, students identify types of waves and their properties. Students investigate forces and motion through simple machines and engage in investigations and discoveries. Students identify characteristics of the Earth's surface and how weather and climate affect it.

Students must maintain B- or higher to stay in Honors 2nd semester.

HONORS SCIENCE 8

Full Year -Pre-requisite to request: (must meet all criteria)
Semester 1 grade of at least a B- in Honors Science 7, or A- or higher in Science 7
Midterm grade of at least a B- in Honors Science 7, or A- or higher in Science 7
NWEA Reading score in the high range

This course is designed for the serious academic student who is willing to rise to the challenge of in-depth work. The eighth-grade science curriculum is based on the Michigan grade level content expectations (GLCEs) for eighth grade science and the High School Content Expectations (HSCEs) for Earth Science. The teaching of these earth science GLCEs will be accelerated and covered in the first three marking periods. In the last marking period students will be introduced to human physiology. In their study of earth science students are introduced to inquiry and exploration in earth processes and materials such as rock and fossil records, plate tectonics, earthquakes, volcanoes, fresh and ocean water, the atmosphere, weather, climate and astronomy. The program will incorporate text, technology, media and laboratory investigations. Students will continue to use science process skills as well as employ the scientific method. Human physiology will include an introduction to human body systems.

SOCIAL STUDIES

SOCIAL STUDIES 7

Full Year

The 7th grade social studies curriculum focuses on early world history and geography with a deliberate focus on content literacy. Students begin their exploration into world history with a focus on historical thinking. Students learn that historians must have some evidence to support the claims they make in their accounts. Also, students investigate human history from the beginning of modern man until around 1500 CE. They explore major and significant changes in each era through chronological organization. Students begin learning about the earliest humans and explore early migration and settlement patterns. They then extend through Era 4 (300 CE to 1500 CE) learning about the development of empires and eventual world religions. The course concludes with students analyzing global patterns of continuity and change over time and using evidence to construct historical arguments about the past.

SOCIAL STUDIES 8

Full Year

During this course of study, students will acquire knowledge about the origins of the United States, its people, and the growth struggles of the young nation. The content of the course includes Colonization and Settlement (1586-1763) Revolution and the New Nation (1754-1815). Expansion and Reform (1801-1861), Civil War and Reconstruction (1861-1877). Michigan's role will be integrated into these areas when appropriate. Units included are political, economic, geographic, and social aspects of the United States during these eras.

HONORS SOCIAL STUDIES

AN INDICATION OF INTEREST IN HONORS CLASSES DOES NOT GUARANTEE BEING ENROLLED INTO THE HONORS CLASSES

HONORS SOCIAL STUDIES 7

Full Year - Pre-requisites to request: (must meet all criteria)
Semester 1 grade of at least an A- or higher in Social Studies 6
Midterm grade of at least an A- or higher in Social Studies 6
NWEA Reading score in the high range

This course is designed for the serious academic student who is willing to rise to the challenge of in-depth work. This course is designed to parallel the Grade 7 Social Studies curriculum which focuses on World History. Qualified honors students will experience an enriched curriculum of greater depth involving high school level reading and writing experiences, including notetaking. Higher order thinking activities requiring analysis and synthesis of information will be expected. Although this course is not required for enrollment in Honors Social Studies courses in high school, it provides excellent preparation.

Students must maintain B- or higher to stay in Honors 2nd semester.

HONORS SOCIAL STUDIES 8

Full Year - Pre-requisites to request: (must meet all criteria)
Semester 1 grade of at least a B- in Honors Social Studies 7, or A- or higher in Social Studies 7
Midterm grade of at least a B- in Honors Social Studies 7, or A- or higher in Social Studies 7
NWEA Reading score in the high range

This course is designed for the serious academic student who is willing to rise to the challenge of in-depth work his course is designed to parallel the Grade 8 Social Studies curriculum which focuses on U. S. History. Qualified honors students will experience an enriched curriculum of greater depth involving high school level reading and writing experiences, as well as notetaking. Higher order thinking activities requiring analysis and synthesis of information will be expected. When possible, original source documents and biographical readings will be used. Although this course is not required for enrollment in Honors Social Studies courses in high school, it provides excellent preparation.

ELECTIVE COURSES

BAND

CONCERT BAND 7

Full Year

Concert Band 7 is the intermediate to instrumental music class at the middle school level. This class performs a wide variety of music and styles. The goals of the course are to improve all facets of students' playing, reading notes and rhythms, understanding phrases, dynamics, scales, etc. Improve listening skills and learning to work together with other band members. **DESCRIPTION:** Those students whose playing ability has progressed above the beginner level. As a co-curricular course, the band performs 4-6 times per year, most of which are after school and required of all band members.

Beginners wishing to join the band program must contact the teacher immediately for guidance in acquiring an instrument and must successfully complete the Anchor Bay Summer Band program.

CONCERT BAND 8

Full Year

Concert Band 8 is an intermediate to advanced ensemble music class at the middle school level. Students will rehearse and perform a wide variety of music and styles. The goals of the course are to improve all facets of students' playing, reading notes and rhythms, understanding phrases, dynamics, scales, etc. Improve listening skills and learning to work together with other band members. As a co-curricular course, the band performs 4-6 times per year, most of which are after school and required of all band members.

DRAMA

DRAMA

One Trimester- 7th and 8th grade

This course is designed to take a deeper look into acting and stage production. Numerous assignments and activities will help students develop the skills used in theatre arts. Most importantly, it provides students the necessary public speaking skills needed in all careers today. Students will take part in the following activities: autobiographical speech, dramatic reading using different accents, self-written monologues, pantomimes, charades, skits, and one-act plays. Students will also take part in an actual production, whether it is getting a strong sense of what it takes to be an actor or actress, or what takes place "behind-the-scenes" which is now called "technical theater".

HEALTH

HEALTH 8th Grade

One Trimester

The Healthy Living approach to Human Sexuality emphasizes all aspects of development. Emphasis is placed on the entire person, and healthy living as well as decision making, human anatomy, sexually transmitted diseases, etiology and family planning. The objectives of the class are: 1) to prepare the Middle School student with the necessary tools needed to communicate effectively about health, sexuality, STD, HIV, AIDS, and decision making as it is related to the adolescence; 2) to provide accurate information and understanding of the human reproductive anatomy and the responsibility for life and 3) advanced first aid and CPR.

LIFE SKILLS

LIFE SKILLS

One Trimester-7th and 8th grade

Students will gain necessary skills for successful self-care in the kitchen. Units to be explored will include kitchen safety, kitchen equipment, kitchen equivalents and measuring, table setting and manners, kitchen terminology and nutrition. Approximately four cooking labs will be included in the course.

LIFE SKILLS 2-

One Trimester- 8th grade only

Perquisite Life Skills 1

Students will gain necessary skills for their teenage and adult lives. Units to be studied are Career Education, Consumer Education, Money Management, Continued Kitchen Safety and much more! Students will also participate in approximately 10 cooking projects.

LITERATURE

MYTHOLOGY

One Trimester-7th and 8th grade

Mythology will cover a variety of types of mythology throughout the school year. We will learn about Arthurian legends, Greek, Roman, Egyptian, and Chinese Mythology, Indigenous folklore, fantasy creatures, and cryptids.

PHYSICAL EDUCATION

PHYSICAL EDUCATION

One Trimester-7th & 8th grade

This class is designed to increase the student's fitness level and make them active in life-long activities. The class will encourage the student to learn rules and skills necessary to participate in those activities: Archery, Bowling, Golf, Tennis, Fitness Training, Cardio Training, Volleyball, Badminton and Softball.

ADVANCED PHYSICAL EDUCATION-

One Trimester 7th & 8th Grade

In Advanced Physical Education, students participate in various individual strength and conditioning techniques. This class provides daily activities that allow improvement in the areas of muscular endurance, muscular strength, flexibility, cardiovascular endurance, agility and balance. During the fitness rotations, individual fitness levels are assessed, and structured workouts are organized giving students the opportunity to set goals and achieve personal success. Students will also participate in team and individual sports.

STEM- Science, Technology, Engineering, and Math

PROJECT LEAD THE WAY (PLTW) COURSES: GATEWAY TO TECHNOLOGY

PLTW Gateway provides engineering and biomedical science curriculum for middle school students that challenges, inspires, and offers schools variety and flexibility. Students get rigorous and relevant experiences through activity-, project-, and problem-based learning. They use industry-leading technology to solve problems while gaining skills in communication, collaboration, critical- thinking, and creativity.

ARCHITECTURE & CONSTRUCTION

One Trimester- 7th and 8th grade

Prerequisite- Design and Modeling

Today's students have grown up in an age of "green" choices. In this unit, students learn how to apply this concept to the fields of architecture and construction by exploring dimensioning, measuring, and architectural sustainability as they design affordable housing units using Autodesk's® 3D architectural design software.

DESIGN & MODELING

One Trimester 7th & 8th grade

Students apply the design process to solve problems and understand the influence of creativity and innovation in their lives. They work in teams to design an ankle brace, capturing research and ideas in their engineering

notebooks. Using Tinkercard software, students create a virtual image of their designs and produce a portfolio to showcase their innovative solutions.

HANDS ON ENERGY

One Trimester 7th & 8th grade

Students are challenged to think big and toward the future as they explore sustainable solutions to our energy needs and investigate the impact of energy on our lives and the world. They design and model alternative energy sources and evaluate options for reducing energy consumption.

MEDICAL DETECTIVES (PLTW)

One Trimester- 7th and 8th grade

Students play the role of real-life medical detectives as they analyze genetic testing results to diagnose disease and study DNA evidence found at a "crime scene." They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health.

ROBOTICS (PLTW):

One Trimester- 7th and 8th Grade

Prerequisite: Design & Modeling

Students are given the opportunity to combine mechanisms with input & output devices to automate the mechanisms. Construction, programming skills, & projects provide students the opportunity to connect their learning throughout the lessons in the unit. Students take on the role of interns, working in teams to create prototypes to meet the needs of clients. They also explore different aspects of automation & robotics, & experience how solving real-life problems involves teamwork of mechanical engineers, software developers, & electrical engineers.

CODING I (PLTW)

One Trimester- 7th and 8th Grade

Prerequisite – Design and Modeling

Students will be exposed to computer science as a way of solving real-world problems using computers. They will be exposed to HTML coding to create websites, App Inventor software to create their own phone apps, and Lego Robotics. Students will also be exposed to several job titles and do career exploration in the field of computer science.

CAREER EXPLORATION

One Trimester- 7th and 8th Grade

The Career Exploration class is designed for students to explore current and future job markets while considering how careers may be clustered based on skills and interests. Students will be introduced to high school career pathways and begin to uncover those interests and skills that students will be able to make class selection at the high school. Students will participate in field trips, guest speakers, and hands-on work-based learning. At the end of the course, students will develop their 4-year Educational Development Plan.

MAKERSPACE-

Prerequisite - Design and Modeling

One Trimester- 7th and 8th Grade

Makerspace is an extension course of Design & Modeling that allows for students to expand upon the design process. The classroom is designed for students to creatively think, collaborate, problem-solve and most importantly, create. The resources within the makerspace classroom range from 3D Printers, Glowforge Laser Printers, power tools, and a unique team collaboration space. Students will engage in dynamic project-based learning allowing them to explore real-world problems and challenges to acquire depth of knowledge in STEM.

ADVANCED MAKERSPACE-

Prerequisite - Design and Modeling

One Trimester- 7th and 8th Grade

Students will continue to build upon the skills they learned in Makerspace to design and construct an independent project of their choice. Students will take their ideas from sketches to reality including shopping for supplies and working within their given budget. They will also create projects for local community groups, district schools, South clubs, athletic teams etc. utilizing the tools and resources available in the classroom.

3D PRINTING

Prerequisite - Design and Modeling

One Trimester- 7th and 8th Grade

Students will develop their CAD modeling skills and work on creating digital models of their own designs. They will become proficient with different types of software and multiple types of 3D printers, using both of these to bring their designs to life. Complete Course Guide is available online on the Anchor Bay Middle School South website www.anchorbay.misd.net

VISUAL ARTS

ART 2D

One Trimester-7th and 8th grade

This course is for students who seek experience in drawing, painting, and printmaking. They will learn to draw from observation and explore big ideas such as identity, mood, and art for social change. Students will also study the lives and works of selected two-dimensional artists. The course combines art production with extended experience in art history, criticism, and aesthetics. (Students have the option of taking Art 2D for a second time and can expect a similar, but more challenging experience.

ART 3D

One Trimest-7th and 8th Grade

Students in this course will seek experiences in both additive and subtractive sculpture by using a variety of materials such as clay, fibers, plaster, wood, and art metals. The study of selected artists noted for their 3-dimensional works will be included. The course combines art production with extended experiences in art history, criticism, and aesthetics. (Students have the option of taking Art 3D for a second time and can expect a similar, but more challenging experience.)

ADVANCED ART

One Trimester- 8th grade

Advanced Art is designed for 7th and 8th grade students who are passionate about visual arts and ready to take their creativity to the next level. This course will challenge students to refine their technical skills, explore a variety of media, and develop their unique artistic voice. Students will engage in in-depth projects that incorporate drawing, painting, sculpture, and printmaking.

VOCAL MUSIC

CHOIR

Semester or Full Year- 7th and 8th grade

This class is designed to develop vocal skills needed for group choral singing and performance.

Students study proper vocal tone production, rhythmic accuracy, and melodic and rhythmic precision.

The Kodaly ear training method will be stressed as a way to improve overall performance.

A variety of choral literature is studied and performed. As a co-curricular course, students participate in a variety of concerts, most of which are after school and are required of all choir members. (Course availability subject to change on enrollment.)

WORLD LANGUAGE

SPANISH I

Full Year - 7th and 8th Grade

(Students will earn 1 high school credit after successful completion of course.)

This will satisfy the 1 year graduation requirements.

Spanish I is a broad-based course designed to introduce the student to all aspects of foreign language study. Grammar, reading, writing, speaking, and listening to Spanish are included.

INTRO. TO SPANISH

One Trimester (this class does not receive high school credit)

This is a course designed to help the students acquire the fundamentals of pronunciation and grammar, practical vocabulary, useful phrases, and the ability to understand, read, write, and speak simple Spanish. Basic relevant information covered includes geography, customs, culture of Spain and Latin America.