

# **MANISTIQUE MIDDLE SCHOOL**

## **COURSE OFFERINGS**

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## GRADUATION REQUIREMENTS

Manistique Area Schools Board of Education set the following requirements for graduation from Manistique Area Schools, beginning with the class of **2008**:

23 total credits are required for graduation:

English.....	4 credits in sequence
Mathematics.....	4 credits, including enrollment in a math class during the junior year
Science.....	4 credits, including enrollment in a science class during the junior year
Social Studies.....	4 credits, including
World Geography/World History	
U. S. History	
American Government/Economics	
Physical Education/Health.....	1 credit
Foreign Language, fine or practical arts, OR vocational education.....	2 credits

A maximum of 1 non-academic credit may be earned towards graduation through participation in extracurricular activities at the rate of 0.25 credit per year maximum for successful completion of a season, according to the coach.

Half credits are awarded at the completion of each semester. Students who earn a passing grade (D- or better) in a class that meets for one class period for one semester are eligible for 0.5 credit per class per semester.

Students must be enrolled in high school for eight semesters to qualify for graduation. Students may enroll in only one vocational class per year. Seniors maybe permitted to enroll in a second vocational class by contract, with approval of the principal. All students must be enrolled in six classes per semester. Final class placement will be determined by Manistique High School.

### **SCHOOL IMPROVEMENT MISSION STATEMENT**

The mission of the Manistique Middle and High School staff is to provide an education for every student which will result in individual success in the following areas: academic, vocational, physical, creative, cultural and social. Working together in a partnership with the students, parents, and the community we are building future generations of responsible, self-confident, respectful, motivated adults.

**NCAA ELIGIBILITY:** Potential college athletes are encouraged to choose courses that will count towards National Collegiate Athletic Association eligibility. Information is available from the Guidance Counselor, Athletic Director and coaches, or online at [www.naaclearinghouse.net](http://www.naaclearinghouse.net).

## CURRICULA

**TECHNOLOGY PREPARATION:** The Technology Preparation curriculum is designed to prepare students for entry into certificate or associate degree programs at a community college. This curriculum emphasizes the communication, math, science and technology needed for careers in technical occupations. Students who choose the community college program may elect to continue their education in a college or university working towards a bachelor's degree.

**PROFESSIONAL PREPARATION:** The Professional Preparation curriculum is designed to prepare students for entry into a bachelor's degree program at a college or university. This curriculum emphasizes the traditional academic skills needed to enter programs leading to professional careers. Students who choose this curriculum may be planning to pursue an advanced degree.

**SPECIAL EDUCATION:** The Special Education curriculum is made available to eligible students through an Individual Educational Plan.

### MANISTIQUE MIDDLE-HIGH SCHOOL NOTICE OF NONDISCRIMINATION

The Manistique Area School District does not discriminate on basis of race, color, national origin, sex, age, disability, height, weight, religion, or marital status in its programs, activities, and employment. Inquiries related to discrimination should be directed to:

Mrs. Kathleen McDonough  
Federal Programs  
100 N. Cedar Street  
Manistique, Michigan 49854  
906-341-4332

## **SUGGESTED CURRICULUM PROGRAMS**

### **TECHNOLOGY PREPARATION**

#### **Freshman**

English 9\*  
Algebra IB\*  
World Geography/History\*  
Physical Science\*  
Physical Ed/Health\*  
Computer Skills  
Career Related Electives

#### **Sophomore**

American Lit 10\*  
Practical Geometry\*  
US History\*  
Biology\*  
Career Related Electives

#### **Junior**

English Lit 11\*  
Algebra IIa\*  
American Government/Economics\*  
Gov./Economics\*  
Chemistry\* or Environ. Science\*  
Auto/Bldg. Trades/Health Occ. /CAD  
Career Related Electives

#### **Senior**

World Lit 12\*  
Algebra IIb\*  
Science Elective\*  
Social Studies Elective\*  
Bldg Trades/Auto/Health Occ. /CAD  
Career Related Electives

### **PROFESSIONAL PREPARATION**

#### **Freshman**

English 9\* or Honors English 9\*  
Geometry\*  
World Geography/History\*  
Physical Science \*  
Physical Ed/Health\*  
Computer Skills  
Career Related Electives

#### **Sophomore**

American Lit 10\* or Honors American. Lit. 10\*  
Geometry\* or Algebra II\*  
US History\* or AP US HISTORY\*  
Biology\*  
Career Related Electives

#### **Junior**

English Lit 11\* or Honors English Lit. 11\*  
Algebra II\* or Functions/Stats/Trig\*  
American Gov. /Economics\* or AP  
Chemistry\*  
Career Related Electives

#### **Senior**

World Lit 12\* or AP Eng. Lit\*  
Functions/Stats/Trig\* or Pre-Calculus\*  
Social Studies Elective\*  
A.P. Biology\* or Physics\*  
Career Related Electives

**\*denotes required courses that meet graduation requirements.**

Career Related Electives include Foreign Language, Fine Arts, Vocational Education, Practical Arts, and non-required core academic courses.

## **SIXTH GRADE**

### **ENGLISH #0718**

Sixth graders follow the language arts objectives of the state of Michigan. This study includes reading skills such as comprehension, fluency, and phonics. The students will also learn the mechanics of writing different types of material and grammar usage.

### **MATH #0660**

The study of math in sixth grade includes the grade level objectives required by the Michigan Department of Education. The students will study data, algebra, calculation of whole numbers and fractions, measurement, geometry, and thinking skills.

### **SCIENCE #0670**

Sixth graders cover the middle school objectives for physical science. This includes the study of matter, energy, and how it applies to our lives.

### **SOCIAL STUDIES #0650**

Sixth grade students focus on the middle school objectives for the study of the Western Hemisphere. The students study the five themes of geography, economics, historical events, and the impact of these on people of then and now.

### **EXPLORATORY ART #0687 (M/W) #0685**

Middle School Art is a nine week exploratory class. The fundamentals of two and three dimensional art are explored with objectives and procedures that everyone can do. The program

is a hands-on learning experience that provides students with a variety of cognitive, mechanical and problem solving skills.

### **EXPLORATORY COMPUTERS #0686**

Students begin work on their keyboarding skills. There is emphasis on proper posture and positioning at the computer work station. Students are striving for accuracy utilizing Mavis Beacon, as well as Internet Site based keyboarding programs. They work on a variety of word processing (Microsoft Word) activities, as well as basic PowerPoint presentations (Microsoft PowerPoint). Students complete a unit dealing with safety on the Internet, as well as a variety of Internet activities.

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### **EXPLORATORY GYM/POOL # 0692(GYM) #0691(POOL)**

This is a nine week exploratory course for sixth grade students. Students will perform a variety of cooperative skills and activities. They will also explore dimensions of physical fitness, team sports, swimming, and low organization games. Students will demonstrate appropriate behaviors related to personal/social character traits. Sportsmanship will be emphasized.

### **EXPLORATORY SPANISH #0682**

This participatory course teaches basic vocabulary through activities, games, and projects. Topics covered include greetings, colors, numbers 1-31, body parts, family, days of the week, months of the year, seasons, and foods. In addition, students will learn common survival phrases.

## **SEVENTH GRADE**

### **ENGLISH #0730**

This class covers the elements of writing. Grammar, usage, and mechanics are the focus for this class. Study also includes daily language review and journal writing.

### **READING #0740**

Seventh grade reading uses a variety of novels to gain exposure to and an appreciation for a variety of genre in literature. Literary skills are covered with a focus on comprehension and vocabulary development.

### **MATH # 0760**

Review of applied arithmetic skills and ideas preparing a foundation for algebra and geometry. Real world concepts and applications are emphasized. The course is aligned with state mandated Seventh Grade Level Content Expectations in mathematics.

### **SCIENCE #0770**

Seventh grade students expand their investigations of living things to include the study of cells. They demonstrate that all organisms are composed of cells and that multi-cellular organisms and single cellular organisms exist in ecosystems. The seventh grade study of cells includes how cells make up different body tissues, organs, and organ systems and are specialized in their functions. Cell division is explored to help the students describe growth and development. Seventh grade students have the fine motor skills and conceptual development to use a light microscope and accurately interpret what they see. This enhances their introduction to cells and microorganisms, establishing a foundation for molecular biology at the high school level.

In the seventh grade content expectations, students expand their knowledge to include how characteristics of living things are passed on through generations, both asexually and sexually. Seventh grade students are able to understand that genetic material carries information. They compare and contrast the advantages of sexual vs. asexual reproduction, and recognize that reproduction is a characteristic of all living things and necessary for the continuation of every species.

### **SOCIAL STUDIES #0750**

Seventh grade Social Studies is designed to further develop students' understanding of the Five Themes of Geography. They will study Ancient World History of the Eastern Hemisphere as well as contemporary geography of the region. The course will introduce students to many cultures, religions, languages, and regions. Students will use content knowledge, research, and questioning to study historic issues and suggest possible future solutions.

### **EXPLORATORY ART #0789**

Middle School Art is a nine week exploratory class. The fundamentals of two and three dimensional art are explored with objectives and procedures that everyone can do. The program is a hands-on learning experience that provides students with a variety of cognitive, mechanical and problem solving skills.

### **EXPLORATORY COMPUTERS #0793**

Students work on their keyboarding skills. There is emphasis on proper posture and positioning at the computer work station. Students are striving for accuracy, as well as increasing their speed utilizing MicroType Pro, as well as Internet Site based keyboarding programs. They work on word processing documents (Microsoft Word) in a variety of formats, which may include letters, reports, and biographies. Students also complete some basic spreadsheet (Microsoft Excel) application problems. They also work on PowerPoint presentations (Microsoft PowerPoint). A variety of career interest inventory assessments (MyDream Explorer) will be completed and the research of three different careers. Students will develop a PowerPoint based on their top three careers. Students also complete a unit dealing with safety on the Internet.

### **EXPLORATORY LIFE SKILLS #0790**

This is a nine week exploratory course for seventh grade students. It will teach various life skills which may include character education, nutrition education, drug prevention, violence prevention, and reproductive health education.

### **EXPLORATORY SPANISH #0791**

This participatory course teaches basic vocabulary through activities, games, and projects. Topics covered include greetings, colors, numbers 1-31, body parts, family, days of the week, months of the year, seasons, and foods. In addition, students will learn common survival phrases.

## **EIGHTH GRADE**

### **ENGLISH #0830**

Eighth grade English covers the elements of writing. Grammar, usage, and mechanics are the focus for this class. Daily study includes language review, editing skills, and journal

writing. The six traits of writing are emphasized and students write a variety of genre including personal narratives, descriptive writing, creative stories, persuasive essays, and research papers.

### **READING #0840**

Eighth grade reading uses a variety of novels to gain exposure to and an appreciation for a variety of genre in literature. Literary skills are covered with a focus on comprehension and vocabulary development.

### **ALGEBRA 8 #0861**

This is a full year credit course and it is a required course for those students who plan to take advanced mathematics courses. This is the first year of a 2 year Algebra I curriculum; the second year will be completed during the Freshman year. Algebra develops an understanding of and ability to manipulate and apply all arithmetic and algebraic operations with real numbers, linear and quadratic equations, polynomials, and systems of equations. Also integrated into the algebra are problems involving geometry, probability, and statistics. Throughout the course, emphasis is placed on reading and problem solving, using scientific calculators appropriately, and learning to learn both independently and as a member of a small team.

### **ADVANCED ALGEBRA 8 #0863**

This is a full year course, and it is a required course for those students who plan to take advanced mathematics courses. Algebra develops an understanding of and ability to manipulate and apply all arithmetic and algebraic operations with real numbers, linear and quadratic equations, polynomials, and systems of equations. Also integrated into the algebra are problems involving geometry, probability, and statistics. Throughout the course, emphasis is placed on reading and problem solving, using scientific calculators appropriately, and learning to learn both independently and as a member of a small team.

### **SCIENCE #0870**

Study of the earth and earth systems. The physical materials and surface of the Earth, the origins of the Earth in the Universe, and Oceanography and climatology of the Earth are emphasized. The course is aligned with the state mandated Eighth Grade Level Content Expectations in science and also with the High School Course Content Expectations for Earth Science.

### **PHYSICAL SCIENCE #0871**

Prerequisite: Grade of a “B” or higher in last math course. Algebra is helpful.

This course serves as an introduction to the physical sciences of chemistry and physics, while reviewing key Earth Science topics. Topics are split fairly evenly between the two areas, and include the Nature and Methods of Science, Energy and Motion, Matter, Substances and their Interactions, Light, Sound, and Electricity. Group work, laboratory experiments, data recording, and manipulation of data will help build a foundation for further courses in the sciences.

### **EXPLORATORY ART #0888**

Middle School Art is a nine week exploratory class. The fundamentals of two and three dimensional art are explored with objectives and procedures that everyone can do. The program is a hands-on learning experience that provides students with a variety of cognitive, mechanical and problem solving skills.

### **EXPLORATORY COMMUNICATION SKILLS #0892**

This nine week course is intended to improve interpersonal communication skills of the students. Topics covered include listening skills, following directions, small group communication, non-verbal communication, and a variety of public speaking skills.

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### **EXPLORATORY COMPUTERS #0891**

By the end of eighth grade, students will have the ability to responsibly use **technology** to communicate, solve problems, and access, manage, integrate, evaluate, and create information to improve learning in all subject areas. Throughout middle school students learned to use proper keyboarding posture, finger positions, and typing techniques to improve accuracy, speed, and general efficiency in operating a computer. Students will use appropriate technology terminology and discuss common hardware and software difficulties and identify strategies for trouble-shooting and problem solving. Students will identify a variety of information storage devices and use technology resources (word processing, spreadsheet, database, and presentation software; conducting Internet research; research careers and colleges) to assist with all curricular activities. Students will identify appropriate file formats for a variety of applications and proofread and edit writing using appropriate resources (e.g., dictionary, spell check, grammar check, grammar references, and writing references).

By the end of eighth grade, students will narrow down their choices to two **career** pathways and complete their educational development plan (EDP) in [www.MyDreamExplorer.org](http://www.MyDreamExplorer.org). Students will have developed a clear career focus and an awareness of their interests and strengths, and will gain a realistic perspective of the career world and future needs. Students will make high school course choices that reflect their career pathway and they will have a greater understanding of the purpose of education in their lives.

### **EXPLORATORY PE #0893**

This is a nine week exploratory course for eighth grade students. Students will perform a variety of cooperative skills and activities. They will also explore dimensions of physical fitness, team sports, and low organization games. Students will demonstrate appropriate behaviors related to personal/social character traits. Sportsmanship will be emphasized.