O.J. DeJonge Middle School



Curriculum Guide and Course Catalog

2024-2025

Our Vision: The O.J. DeJonge Middle School community inspires learning through inquiry, relationships, and self-awareness in an experience-rich environment that promotes independence and responsibility.

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Career Exploration Information

Education Development Plans (EDPs)

Beginning in seventh grade, all students will begin creating their Education Development Plan (EDP). The development of the EDP allows for students to participate in interest and skill inventories which then allows for students to explore career clusters that fit with their interests and skills. Students will then research the educational paths in high school and post-secondary opportunities necessary to engage in the selected career clusters. Additionally, students will research post-secondary educational institutions that provide the training necessary to be successful in the selected career clusters. Students will also have the opportunity to begin developing their talent portfolio.

School counselors will provide instruction and training in the development of the EDP. Students will use Xello as an online tool to develop their EDP. Students and families can access Xello electronically at http://xello.world/en. Students will use their LASD email login credentials to access the Xello platform.

The EDP will be reviewed annually from 8th grade through 12th grade.

Career Development Model

OJ DeJonge Middle School and the Ludington Area School District will utilize the Michigan Career Development Model to develop meaningful career exploration opportunities for all students in Grades 6-8. During the middle school years, students will explore and investigate Michigan's 17 Career Clusters to discover which pathway and careers best align with their interests. Through embedded classroom lessons and activities, students start to develop an Educational Development Plan (EDP) and a Talent Portfolio. Career information and postsecondary education data are included within the planning process. During Career Exploration, course selections, investigation of multiple pathways, and refining of the EDP occurs.

The 17 Career Clusters to be examined during the middle school years in Michigan include:

- Agriculture, Foods, and Natural Resources
- Architecture and Construction
- Arts, Audiovisual Technology, and Communication
- Business, Management, and Administration
- Education and Training
- Energy
- Finance
- Government and Public Administration
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections, and Security
- Marketing
- Manufacturing
- Science, Technology, Engineering, and Mathematics
- Transportation, Distribution, and Logistics

All students at OJ DeJonge Middle School will have the opportunity to participate in career exploration fairs during the school day, held in partnership with the Mason County College Access Network and multiple local businesses, to highlight the career clusters available within our community as well as describe the education necessary to be successful in multiple careers.

All students will have access to the <u>Michigan "Hot Jobs" list</u> as well as the <u>Hot Jobs available in West Michigan.</u>

Students will have the opportunity to engage with local experts in a variety of fields through the core curricular areas as well as exploratory classes.

The <u>Skills4Success Framework</u> will be used as a guide to incorporate 21st Century Skills into all curricular areas.



Eighth grade students will have the opportunity to visit the <u>West Shore ESD Career and Technical</u> <u>Education</u> programs held at West Shore Community College to explore the CTE opportunities that are available to 11th and 12th grade students at Ludington High School.

SIXTH GRADE CORE COURSES

ENGLISH LANGUAGE ARTS DEPARTMENT

ELA 6

The sixth grade English Language Arts course provides students with the opportunities to build reading, writing, speaking, listening, and language skills as identified by the Common Core State Standards, which include College and Career Readiness standards. Students develop collaborative strategies to purposefully build knowledge and skills that help students become independent readers, writers and thinkers as they continue to progressively build the skills necessary for academic success in middle school.

MATH DEPARTMENT

The math program used in Ludington Area Schools is one that has been adopted in grades K-12. It follows the Common Core Standards for Mathematical Content and Standards for Mathematical Practice. These courses provide an essential foundation for other mathematics courses needed for higher education and positions in nearly every field. The series used in grades 6-12 is the Big Ideas Math Series and transitions sequentially from the series used in the elementary school. This series promotes abstract thought, reasoning and inquiry as students work through each lesson. All levels have a textbook, journal and online access to the series along with activities and video tutorials.

Math 6

Focuses on preparing students for the Algebra course in ninth grade. It is the beginning study of Pre-Algebra concepts. These include areas of study in: ratios and proportional relationships, the number system, expressions and equations, geometry and statistics and probability

SCIENCE DEPARTMENT

Science 6

The sixth grade science curriculum is centered around the Michigan Department of Education's K-12 science standards. The 2016 Science Standards and Performance Expectations within the course have been adopted by the Ludington Area Schools K-12 Science Curriculum. Although the scope of content will be standard throughout the department, the sequence of topics will be determined by the instructor. This course is designed to introduce/reinforce scientific inquiry through research based investigation. Students will improve inquiry, investigatory, and science tool use skills through real world context. Students will practice applying course content/skills through interactions with current and relevant situations, both local and global.

Content Units (Engineering Design will be integrated into each Unit.)

Unit: Matter and Energy Flow Through Organisms and Ecosystems

Unit: Physical and Biological Resource Availability

Unit: Biodiversity
Unit: Water Cycle

Unit: Weather and Climate

Unit: Kinetic Energy

SOCIAL STUDIES DEPARTMENT

Western Hemisphere 6

Sixth grade students get to explore and investigate the world using the tools and reasoning of a contemporary world geographer. While the course is geographically driven, students will apply economic, civic, and some historical reasoning throughout each region. You can expect mapping, graphing, research, questioning and presentation activities to support our learning. While many only focus on physical geography, we also explore the human geography of a region. You can expect cultural aspects such as religion, language, and traditions to be explored as well. Often students will analyze global issues and decisions. They will explain the points of view for these issues as well as pose solutions. In the end, students will have a deeper geographic understanding as a citizen of the world.

SIXTH GRADE EXPLORATORY COURSES

Art 6

This course allows exploration with many types of art media. Pencil, paper, clay and paint are just some of the materials used. This is a wonderful introduction to the middle school art experience.

Exploring Woods 6

A hands on class with an introduction to learning basic hand tools, techniques, machinery, finishing techniques and safety. Students will construct a teacher chosen project or projects.

Choir 6

Students Will Work On Theory Concepts, Ear Training, Sight Reading, Breath Management, And Choral Technique. Sixth grade students will have the opportunity to perform in recitals on a trimester basis.

Band 6 (2 trimesters)

Sixth grade band is meant to be an introduction to the band program at OJ DeJonge Middle School and Ludington High School. The first trimester is dedicated to woodwinds, the second trimester is dedicated to brass instruments, and the third trimester is the full ensemble.

Robotics 6

Sixth grade students will have the opportunity to engage in STEAM-related fields through working to build and code robots to perform a variety of functions through this course. Students will use multiple skills such as collaboration, communication, and problem solving to build a working robot.

STEAM 6

Students will participate in multiple project-based learning opportunities meant to foster a deeper understanding of concepts in science, technology, engineering, the arts, and mathematics. Students will connect with experts in a variety of STEAM-related fields to solve real-world, authentic problems.

Health and PE 6

We will first take a look at where you are in your physical fitness level and what goals you can work towards in order to build a healthy lifestyle. Several team sports and games will be taught along with an introduction to aerobics and hand weights for a strength training program. The following units will be taught in the health classroom: Drug Education, Mental Health, and Puberty and Reproductive Health. Some of the main topics discussed in class are assertive behavior and decision making, bullying, and puberty. **Note - health and PE is a required course for 6th grade students.**

Swimming 6

Students will have opportunities to experience aquatic activities during this course. The class follows the American Red Cross swimming standards and is designed for swimmers and non-swimmers to actively participate.

Outdoor Recreation 6

A Physical Education course that explores recreational and outdoor opportunities with a focus on local offerings. This class is a fun and active curriculum that will safely introduce students to such activities as fishing, skiing, pickleball, snowshoeing, biking, badminton, kayaking, hiking and more. This exploratory course will help build confidence through new skill based learning that can be applied directly to life in Ludington all year round.

Quiz Bowl 6

This social studies elective is designed to provide students with the opportunity to learn about the quiz bowl program at OJ DeJonge Middle School and Ludington High School. Students will learn additional historical facts and will engage in a variety of activities meant to stimulate their thinking.

Intro to Musical Theater 6

Students will be introduced to the world of music theater through this one trimester course. Students will learn the art of performance, public speaking and aspects of the behind-the-scenes work done such as lighting and costumes.

7TH GRADE CORE COURSES

ENGLISH LANGUAGE ARTS DEPARTMENT

English Language Arts 7

This course provides students with the opportunity to learn and practice language, listening, speaking, reading and writing skills as identified by the Common Core State Standards, which include College and Career Readiness standards. Throughout the year, students build knowledge and skills that help them become independent readers, writers, and thinkers.

MATH DEPARTMENT

Math 7

This course focuses on preparing students for the Algebra course in ninth grade. It is the beginning study of Pre-Algebra concepts. These include areas of study in: ratios and proportional relationships, the number system, expressions and equations, geometry and statistics and probability.

Advanced Math 7

This course focuses on preparing students for the Algebra course to be taken in eighth grade. Students cover all topics listed in the Math 7 description along with studies in number and quantity, Algebra, and more in depth studies of geometry concepts and statistics and probability. This is an accelerated course for seventh grade students who are ready to move at a faster pace.

SCIENCE DEPARTMENT

Science 7

The seventh grade science curriculum is centered around the Michigan Department of Education's K-12 science standards. The 2016 Science Standards and Performance Expectations within the course have been adopted by the Ludington Area Schools K-12 Science Curriculum. Although the scope of content will be standard throughout the department, the sequence of topics will be determined by the instructor. This course is designed to introduce/reinforce scientific inquiry through research based investigation. Students will improve inquiry, investigatory, and science skills through real world context. Students will practice applying course content/skills through interactions with current and relevant situations, both local and global.

Content Units (Engineering Design will be integrated into each Unit.)

Unit: Cells
Unit: Genetics

Unit: Learned, Genetic, and Environmental Behaviors and Characteristics

Unit: Genetic Engineering and Technology

Unit: Atoms and Molecules

Unit: Chemical Reactions and Thermal Energy Transfer

Unit: Waves

SOCIAL STUDIES DEPARTMENT

Eastern Hemisphere 7

Seventh grade students will use social science tools and ideas to investigate the world from a variety of perspectives: geography, history, government systems, economic systems, cultural similarities / differences and trade around the world, both past and present. Students will use traditional and electronic means to conduct research, analyze issues, make inquiries, as well as propose solutions to conflicts and issues, both present and historic.

7TH GRADE EXPLORATORY COURSES

Health and PE 7/8

Students will have the opportunity to have physical education on a daily basis for six weeks. We will first take a look at where you are in your physical fitness level and what goals you can work towards in order to build a healthy lifestyle. Students will have an understanding of why physical education is important. Students will know the five components of health. Students will be taught exercise safety and nutrition. Team sports and games will be taught along with an introduction to strength training in the OJ weight room. PE and Health are required for all seventh graders. Students will have six weeks of health education. The following units will be taught: Mental Health, Nutrition, Drug Education, Reproductive Health. Some main topics that are discussed in class are healthy emotions, peer pressure, diet, gateway drugs, and sexual harassment. PE and Health are required for all seventh graders.

Swimming 7/8

Students will have opportunities to experience aquatic activities during this 12 week course. The class follows the American Red Cross swimming standards and is designed for swimmers and non-swimmers to actively participate. The following eight skills will be tested on all students:

- 1) Swimming 25 yards using the front crawl stroke
- 2) Swimming 25 yards using the breaststroke
- 3) Swimming 25 yards using the side stroke
- 4) Swimming 25 yards using the backstroke
- 5) Demonstrate a head first entry dive into the deep end of the pool
- 6) Endurance swim 300 yards without a break
- 7) Dive and retrieve a ten pound brick in 12 feet of water
- 8) Demonstrate C.P.R on a training mannequin.

Seventh grade swimming will include water safety skills, basic lifeguarding skills, stroke development, diving, water games, water fitness, boater safety skills such as using a kayak in the pool.

Lifetime Sport and Fitness 7/8

Lifetime Fitness is an activity based course in which students will be exposed to activities and sports that many people still participate in after their school sports careers have concluded.

Through participation in several sports and activities, students will gain the knowledge necessary to become an educated participant and spectator. The involvement in specific sports will provide an atmosphere that is enjoyable to the participants, promotes cooperation among peers and develops an appreciation for the degree of fitness necessary to participate. The following sports are included in the course Lifetime Fitness: tennis, flying disc activities, hiking, biking, golf, pickleball, yard games, swimming, yoga and more. In addition, fitness focused challenges will be incorporated throughout the course.

Team Sport and Fitness 7/8

A team sport includes any sport, which involves players working together towards a shared objective. Team Fitness is an activity based course in which a group of individuals, on the same team, work together to accomplish fitness goals. Through participation in several sports, students will gain the knowledge necessary to become an educated participant and spectator. The involvement in specific sports will provide an atmosphere that is enjoyable to the participants, promotes cooperation among peers and develops an appreciation for the degree of fitness necessary to participate. The following sports are included in the course Team Fitness: tennis, soccer, hockey, ultimate frisbee, speedball and team handball. In addition, fitness focused challenges will be incorporated throughout the course.

Drawing and Painting 7/8

This is a twelve week class which begins with drawing techniques and studio practice. Students will also work in colored pencil and then transition into a painting series for the remaining five weeks of the course. Come and enjoy this wonderful experience in two-dimension art.

Pottery and Sculpture 7/8

This is a great opportunity to work with your hands creating beautiful and functional art. This twelve week class begins with the introduction of three-dimensional hand building clay techniques. Low fire clay and glazes are used. The last four weeks involve creating sculptures using materials like wire, beads, and found objection creations.

Textiles 7/8

An introduction to textiles that provides a broad view of development, production and utilization of fabrics. In this course students will work hands-on with different fibers, dyes, yarns and fabrics while implementing design and marketing skills.

Product Package and Design 7/8

This course will introduce principles and concepts related to product and package design and branding. Students will develop an understanding of brand identity, design and marketing. Students will have opportunities to create logos, products and packages through a variety of different media.

Drafting Rocket Cars 7/8

Students in this class will design and create a car which is powered by a CO2 cartridge and will be race ready by the end of this course. Students will learn about multi view and isometric drawings and how they relate to designing their car. Students will calculate MPH of their car and finish with a double elimination race to crown the class champion.

Machine and Advanced Woods 7/8

A hands on class with an introduction to learning basic hand tools, techniques, machinery, finishing techniques and safety. Students will construct a teacher chosen project or projects using a variety of machines and techniques requiring more advanced levels of skill and employing a wider variety of machines.

Home Technology 7/8

This class will include residential home wiring such as: single and three way switches, door bells, outlets, and light bulbs. Other electrical applications could be electromagnetic coils and battery powered coils to make buzzers.

Plumbing: How to prepare and repair copper and PVC plumbing. Students will create and construct a closed loop system that will be air pressurized and water submerged to check for leaks.

Drywall: How to tape a drywall seam and different ways to repair damaged drywall.

Tile: laying and grouting ceramic tile at a small scale. Other flooring mediums may be covered such as hardwood flooring, carpeting, and laminate.

Small Engine: Overview of basic workings of 2 and 4 stroke engines. Common problems and basic troubleshooting techniques.

STEAM 7/8

Students will participate in multiple project-based learning opportunities meant to foster a deeper understanding of concepts in science, technology, engineering, the arts, and mathematics. Students will connect with experts in a variety of STEAM-related fields to solve real-world, authentic problems.

Choir 7/8

Students Will Work On Theory Concepts, Ear Training, Sight Reading, Breath Management, And Choral Technique. Seventh grade students will have the opportunity to perform at both OJ and combined OJ / LHS concerts.

Band 7

Students participating in Band 7 will have the opportunity to build on the skills that were learned in Band 6. Students in Band 7 will take the course in all three trimesters. Band 7 students will have the opportunity to perform at multiple concerts held throughout the year.

Game of Life 7/8

Have you ever played the board game "Life"? It is true that life is serious because so many parts of life have big effects in multiple areas. However, like the board game, many choices, situations and scenarios are encountered. We may often consider the outcomes of our choices as a win or a loss, much like the game. It is thought that a little preparation or knowledge may help our students navigate the experiences they will encounter. Much like the real board game, we'll focus on careers, social/emotional development, personal finance and budget, physical health and nutrition, human relationships and hobbies/recreation. We'll use a variety of activities, media and projects to discover and develop an awareness of these areas.

History Through Film 7/8

Films will be used to examine events that were put in motion from previously studied topics such as World History, Religious conflicts, Colonialism and Imperialism, Apartheid and Slavery.

Music Theater 7/8

Students will have the opportunity to engage in learning around vocal conditioning, role-playing and characterization skills, performance skills, creation and analysis of a variety of music theater topics, and develop a greater understanding of the roles in musical theater production.

8TH GRADE CORE COURSES

ENGLISH LANGUAGE ARTS DEPARTMENT

English Language Arts 8

Eighth grade ELA provides students with opportunities and resources to develop the skills of listening, speaking, reading, writing, and language skills as identified by the Common Core State Standards, which include Career and College Readiness standards. Students will write various types of genres and develop an appreciation for the writer's techniques applied within sound pieces of literature. They will also develop techniques for in-depth exploration and analysis of multiple literary genres. Students will have increasingly challenging materials as they prepare to embark on their high school experience.

MATH DEPARTMENT

The math program used in Ludington Area Schools is one that has been adopted in grades K-12. It follows the Common Core Standards for Mathematical Content and Standards for Mathematical Practice. These courses provide an essential foundation for other mathematics courses needed for higher education and positions in nearly every field. The series used in grades 6-12 is the Big Ideas Math Series and transitions sequentially from the series used in the elementary school. This series promotes abstract thought, reasoning and inquiry as students work through each lesson. All levels have a textbook, journal and online access to the series along with activities and video tutorials.

Math 8

This course is designed to be a continuation of Pre-Algebra concepts taught in the Math 7 course. Students will study in more depth the topics of the number system, expressions and equations including linear equations, functions, geometry and statistics and probability.

Algebra I

This course is the eighth grade advanced math class. It is a freshman level high school class and students earn one math credit upon successful completion of all three trimesters. A prerequisite of this class is seventh grade Advanced Math or a placement test. Topics of study include simplifying expressions, and evaluating and solving equations and inequalities. Functions covered include linear, quadratic, exponential, polynomial and others. Real world applications are presented within the course content and a functions based approach is emphasized. *Students who successfully pass this course earn .5 high school credit.*

Geometry

Eighth grade students that have already completed Algebra prior to 8th grade are eligible to participate in geometry coursework. Geometry involves the study of plane and solid figures and their relationship to one another. This course integrates standard approaches, coordinates, and transformations, and makes use of algebra throughout. It presents the history of major ideas and examples of recent developments in geometry and its application, with the use of handheld construction tools, as well as, calculators, computers and other modern tools. Logical reasoning and the development of a language system unique to geometry are an integral part of the course. *Students who successfully pass this course earn .5 high school credit.*

SCIENCE DEPARTMENT

8th Grade Science

The eighth grade science curriculum is centered around the Michigan Department of Education's K-12 science standards. The 2016 Science Standards and Performance Expectations within the course have been adopted by the Ludington Area Schools K-12 Science Curriculum. Although the scope of content will be standard throughout the department, the sequence of topics will be determined by the instructor. This course is designed to introduce/reinforce scientific inquiry through research based investigation. Students will improve inquiry, investigatory, and science tool use skills through real world context. Students will practice applying course content/skills through interactions with current and relevant situations, both local and global.

Content Units (Engineering Design will be integrated into each Unit.)

Unit: Scientific Inquiry, Reflection, and Social Implications.

Unit: Changes in Life Forms Over Time
Unit: Human Impact on the Environment
Unit: Genetic Engineering & Technology

Unit: Earth/Moon/Sun

Unit: Gravity/Newton's Laws

Unit: Scale of Objects and Distance Between Objects in Space

Unit: Electric/Magnetic Forces

SOCIAL STUDIES DEPARTMENT

American History 8

Eighth grade social studies is American History. This course covers the early years of our country, from 1750-1890. Key events include the Revolutionary War, the creation of the Constitution, Westward Expansion, the Civil War and Reconstruction. Students will use a variety of primary and secondary sources to compare and contrast, make predictions, draw connections, and ultimately learn more about the country we live in and the conditions from which we've emerged. Our goal is to create critical thinkers who can look at a historical event and make connections to the present day.

8TH GRADE EXPLORATORY COURSES

Health and PE 7/8

Students will have the opportunity to have physical education on a daily basis for six weeks. We will first take a look at where you are in your physical fitness level and what goals you can work towards in order to build a healthy lifestyle. Students will have an understanding of why physical education is important. Students will know the five components of health. Students will be taught exercise safety and nutrition. Team sports and games will be taught along with an introduction to strength training in the OJ weight room. PE and Health are required for all seventh graders. Students will have six weeks of health education. The following units will be taught: Mental Health, Nutrition, Drug Education, Reproductive Health. Some main topics that are discussed in class are healthy emotions, peer pressure, diet, gateway drugs, and sexual harassment. PE and Health are required for all seventh graders.

Swimming 7/8

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Choir 7/8

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Band 8

Students participating in Band 8 will have the opportunity to build on the skills that were learned in Band 6 and 7. Students in Band 8 will take the course in all three trimesters. Band 8 students will have the opportunity to perform at multiple concerts held throughout the year.

Game of Life 7/8

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History Through Film 7/8

Films will be used to examine events that were put in motion from previously studied topics such as World History, Religious conflicts, Colonialism and Imperialism, Apartheid and Slavery.

Spanish 1A

This is an introductory class designed for students with little or no previous experience with Spanish. In this course, students will move through four units of study that will help them learn some basic communication skills in Spanish. In these units, students will learn to become proficient speakers in each of the following areas: basic introductions and conversation starters, saying where they are from and asking others where they are from, learning numbers, date and ages, ordering food from a restaurant, describing school and classes and learning to describe the weather. Repetition and comprehensible input are important components of this course. Focus is on all four language skills: listening, speaking, reading, and writing. In addition to these basic language skills, students will learn about the culture of Latin America as well as the location of all the Spanish-speaking countries. *Students who successfully pass this course earn .5 high school credit.*

Spanish 1B

Students must pass Spanish IA as a prerequisite to Spanish IB. Students will continue building the foundational concepts learned in Spanish 1A and emphasis will be placed on students using spontaneous language skills instead of repeating memorized phrases learned in class. In this class, students will be taught to use language at a deeper level, moving into conversational skills with more substantial

vocabulary. Similarly to Spanish 1A, this class will cover four units of study and will end with a comprehensive final exam that will demonstrate understanding of both Spanish 1A and Spanish 1B. Units in the class include speaking about your family, describing activities you do outside of school and after school, how to describe your eating habits and foods you like, as well as describing various sports and leisure activities in Latin America. The cultural focus in this class will be on the country of Spain and its rich history. Students who successfully pass this course earn .5 high school credit.

Music Theater 7/8

Students will have the opportunity to engage in learning around vocal conditioning, role-playing and characterization skills, performance skills, creation and analysis of a variety of music theater topics, and develop a greater understanding of the roles in musical theater production.

Online Offerings

In accordance with the state law known as Section 21f, "with the consent of the student's parent or legal guardian, a student may enroll in up to two online courses as requested by the pupil during an academic term, semester or trimester" at the school district's expense. The online course must not be one for which the student has previously gained credit, must be one that is capable of generating credit, must be consistent with the remaining graduation requirements or career interests of the student, be one for which the student has the prerequisite knowledge and skills to be successful in the online course and has not demonstrated failure in previous online coursework in the same subject, and be of sufficient rigor and quality. Courses can be selected from the Michigan Virtual state-wide catalog, the Edmentum state-wide catalog, and the Michigan Online Course Catalog. The district will provide the same rights and access to technology as other students in the school facility.

Students participating in the remote learning program will utilize the Ed Options Academy program. Students will participate in coursework located in the <u>EDMentum course catalog</u>. Students participating in the remote learning program will work with a certified teacher in the content area from Ed Options Academy and will also have a mentor teacher from LASD.