

**Welcome to
Middle School
in the
Manitowoc Public
School District**



**Course Selection Guide
2020-2021**

A message for middle school students and parents...

Welcome to middle school! We hope that you are excited to make the transition from elementary school to middle school. We are very excited to have you join us! Whether you attend Washington or Wilson, you can be assured that you are joining a caring community of compassionate teachers and learners. The staff of Washington and Wilson will work to ensure that you are welcomed, challenged, supported, engaged, and learning throughout your middle school years.

As you begin the exciting process of planning for middle school classes, this booklet will serve as an excellent resource and explain the available course offerings in 6th, 7th, and 8th grades at each middle school.

The courses you choose for middle school deserve careful thought and consideration. They will have a direct impact on your opportunities through high school and beyond. Both Washington and Wilson offer outstanding learning opportunities through the many course offerings in both required and elective subject areas.

Beyond the school day, middle school is an excellent time to become involved in sports, academic competitions, publications, drama, and student leadership. These activities, which extend beyond the classroom into the greater school community, can help you discover a hidden talent, a new interest, or build upon an existing passion. They may even start you on the road to a lifelong hobby or career! As an added bonus, these activities are great opportunities to meet new friends, find additional support and guidance from the advisors and coaches who lead them. We encourage all students to take advantage of the opportunity to get involved!

The learning communities of Washington and Wilson will be a place where you feel comfortable and at home during these exciting middle school years. Like your family, we'll be ready to help, support, and advise as you explore all the possibilities middle school has to offer.

Please don't hesitate to call, email, or stop in if you have questions or would like to talk about middle school and your future. We can't wait to see you!

Lance Masters
Principal
Washington Middle School
2101 Division Street
920-663-9572
mastersl@mpsd.k12.wi.us

Cory Erlandson
Principal
Wilson Middle School
1201 North 11 Street
920-663-9582
erlandsonc@mpsd.k12.wi.us

Information and Telephone Assistance Available

Any student or parent may contact any of the school representatives listed below for assistance in planning course selection.

Washington Middle School:

Lance Masters, Principal	920-663-9572
Associate Principal	920-663-9573
Cary Johannes, Student Advocate	920-663-9714
Megan Gleason, School Counselor	920-663-9826
Michael Laabs, SRO	920-663-9793

Wilson Middle School:

Cory Erlandson, Principal	920-663-9582
Anna Beatty, Associate Principal	920-663-9585
Terri Augustine, Counselor	920-663-9852
Mike Zupsek, Counselor	920-663-9877
Paul Krock, SRO	920-663-9895

What is the registration procedure for incoming sixth graders?

1. A copy of registration materials will be shared with your child in their Friday Folder. These materials are for reference only and all course selection materials will be filled out in the fifth grade classroom.
2. A school representative will go into fifth grade classes to discuss the course selection process. At that time, each student will receive this registration booklet. In addition, a course selection form will be handed out.
3. Students will choose their music class on the course selection form.
4. Parents and students are encouraged to sit down together and talk about their music course option. If you need more information, contact a teacher, counselor, or middle school principal. A signature on the course selection form indicates your approval of the course selections your child has made.

What is the registration procedure for next year's seventh and eighth graders?

1. A copy of registration materials will be shared with your child in advance. These materials are for reference only and all course selection materials will be filled out in school by your child.
2. A school representative will discuss the course selection process and distribute registration materials to all current seventh grade students.
3. Students will rank their top eight elective choices on the course selection form.
4. During the week, students are encouraged to sit down with their parents to discuss course options. Feel free to contact teachers, a counselor, or the middle school principal if you have questions or need help deciding. A signature on the course selection form indicates your approval of the course selections your child has made.

MIDDLE SCHOOL COURSE SELECTIONS

Grade 6 Students:

- Core academic classes (English, Math, Science, Social Studies) meet daily all year
- Art, Music, and PE meet every third day all year
- Each of the following courses will meet for a total of one quarter: Business Education, Family & Consumer Science, Technology Education, What in the World?
- Students should select their Music class on their Course Selection form.

Grade 7 Students:

- Core academic classes (English, Math, Science, Social Studies) meet daily
- Students will have the opportunity to take a Flex Class as one of their elective options. This new Flex Class is described on the next page.
- World Language classes (French and Spanish) meet daily all year
- All other elective course offerings meet every other day all year
- Health is recommended in 7th or 8th grade.
- Students should rank their top 8 elective choices on their Course Selection form.

Grade 8 Students:

- Core academic classes (English, Math, Science, Social Studies) meet daily
- Students will have the opportunity to take a Flex Class as one of their elective options. This new Flex Class is described on the next page.
- World Language classes (French and Spanish) meet daily all year
- All other elective course offerings meet every other day all year
- Health is recommended in 7th or 8th grade.
- Students should rank their top 8 elective choices on their Course Selection form.

What is a Flex Class?

The Flex class is an option for students who wish to have time in the schedule to work with a few options for extra help or enrichment. A student selecting this option can expect to learn study skills, goal setting, executive function skills and may also get to participate in interest based learning guided by the instructors. Students in the Flex class may be pulled into targeted intervention groups by a math, English or other core teacher as needed. The class will meet on alternating days. Students in the class will not earn a grade as they would in other elective courses.

Art

Art 6

In sixth grade art, students explore drawing, painting, graphics, and sculpture as they continue to build their creative skills. Students will have hands on opportunities to express themselves using their knowledge from the Elements and Principles of Design. This course is designed to help students gain the knowledge and skills to enhance their appreciation of the visual arts.



Required for: Grade 6

Art Studio

Explore a variety of art media, techniques and methods. Create two- and three- dimensional art while learning how to develop a good composition. You will gain greater understanding and appreciation of self and others through the study of art history and by making personal choices in the creation of your art.

Open to grades: 7, 8

Digital Art

Interested in using digital tools to create artwork? Learn to use digital devices and art applications to communicate your ideas. You will apply the basic elements and principles of design to the work you create using classroom devices (Chromebooks, Ipads or tablets).

Open to grades: 7, 8

Art Around The World

Join the adventure as we go around the world to learn about the art of interesting countries and cultures. Sculpt an African mask, fold Japanese origami, and draw, paint and sculpt many other projects inspired by art from far and near. Are you ready for this exciting journey? Book your trip around the art world before the tour is sold out!

Open to grades: 7, 8

Art & Design

Become a better artist and have fun! Develop your design skills through drawing, painting, printmaking sculpture and digital art. Learn to create and use letter styles, borders and color palettes to make your art work stand out, use perspective and contrast in visually exciting art works, and find out how technology can be used to create and edit your work. .

Open to grades: 7, 8

Business Education

Business Education 6

In the 6th grade, students will learn the proper finger reaches to proficiently and speedily word process. They will also become adept at organizing and managing their files and folders in Google Drive. Students will complete several activities using the Microsoft Office Suite; such as using the drawing feature in Microsoft Office Word, creating a Z-fold pamphlet, using Microsoft Excel to create charts, and using Microsoft PowerPoint to create a presentation. An emphasis will be placed on e-mail etiquette and digital citizenship. Lastly, students will be exposed to coding and learn to create mobile apps.

Required for: Grade 6

Introduction to Business and Marketing

Business and marketing concepts will include:

- Business & Marketing concepts
- International business
- Advertising
- Sports & entertainment marketing
- Career exploration
- Investing
- Entrepreneurship
- Excellent introductory class for students who are considering International Baccalaureate (IB) Business Class at Lincoln

Open to grades: 7, 8

Computer Skills

- Students will learn the type-by-touch method of keyboarding
- Emphasis is placed on improving accuracy and increasing speed
- Students learn the basics of Windows
- Students learn basics of Microsoft Office Word, MS Suite, email and file management
- Microsoft Office PowerPoint
- This class will improve efficiency using a computer and decrease time spent doing homework.
- It is recommended that students take this class before Advanced Computer Applications.

Open to grades: 7, 8

Gateway to Technology (GTT)

GTT is an activities, project, and problem-based learning program designed to challenge and engage the natural curiosity of middle school students. The instructional units excite and motivate students to use their imaginations and teach them to be creative and innovative, while gaining the skills they need to develop, produce, and use products and services. The GTT curriculum appeals to a full range of students in grades 7-8 and relates technology to students' daily lives. It also promotes communication and collaboration by emphasizing a team approach throughout the instructional units. This approach utilizes the strengths of each team member to accomplish the goals of the project, while offering students learning challenges at all ability levels. The GTT program helps students develop and hone skills in middle school that enable them to enter the high school program (Project Lead the Way), with foundational knowledge and skills for success in Technology and Engineering.

Open to grades: 7, 8

App Creators

- Collaboratively design and develop mobile solutions to engaging real-world problems
- Create mobile games and apps using MIT App Inventor
- Design and develop a physical computing device, interactive art installation, or wearable

technology and plan and develop code for microcontrollers that bring their physical designs to life

- Discover computer science concepts and skills by creating personally relevant, visible, tangible, and shareable projects
- Use creativity working through a hands-on design process
- Students are introduced to the field of computer science and the concepts of computational thinking through the creation of mobile apps
- Expand opportunities for advanced computer and engineering courses at the high school
- This course is recommended, but not required, prior to taking the PLTW Computer Science Principles course at the high school level.

Open to grades: 7, 8

Advanced Computer Applications

- This class uses desktop publishing rules to create several artifacts such as:
 - Newsletters
 - Posters
 - 3-fold pamphlets
 - Letterheads for a business
 - Business cards
- Microsoft Office Word, Publisher, Excel, and PowerPoint as well as other software applications.

- It is highly recommended that students take Computer Skills before taking this class.
- Take this class to be better prepared for Software Essentials at Lincoln.

Open to grades: 7, 8

English

All of the courses in the English department provide necessary practice and experience in reading, writing, speaking, listening, and thinking. The courses also support the grade level learning goals for English Language Arts defined by the Common Core State Standards (CCSS). The Common Core State Standards, adopted by the state of Wisconsin and 45 other states, provide a consistent, clear understanding of what students are expected to learn, so teachers and parents know what students need for success in preparation for college and careers.

Language Arts 6

Sixth grade English provides an opportunity for literacy learners to continue developing an appreciation of written and spoken language. Sixth grade readers will experience more sophisticated and complex works of literature for study and analysis in the classroom. Students will learn and apply reading strategies, critical thinking skills, and personal applications of the content that they read. Writers

will use the stages of the writing process to compose clear and coherent narrative, argumentative, and informational writing pieces throughout the school year. Sixth grade English will provide a workshop structure that meets requirements of the Common Core standards.

Required for: Grade 6

English 7

By the time students reach seventh grade, they have been introduced to the English fundamentals of reading, writing, speaking, listening, literature, and media. This course helps them develop, apply, and enrich those skills. Other focuses include: helping students adjust to a new learning environment, cooperative learning, organization and study skills, application of reading and writing strategies, and library skills. This course emphasizes the English skills specified in the Common Core State Standards.

Required for: Grade 7

English 8

Emphasis is on skill development, enrichment, and application of English skills in a wide range of assignments and contexts. Grammar, usage, and mechanics are reviewed, and students are expected to demonstrate these skills in their writing and speaking. Multi-paragraph development receives special attention

throughout the year as students write persuasive, narrative, descriptive, and informative compositions about a variety of topics. This course emphasizes the English skills specified in the Common Core State Standards.

Required for: Grade 8

Read All About It! An Adventure in Reading

What do you wonder about? Join us as we investigate and explore our world through non-fiction reading. We will dive into captivating articles and novels as we learn about current events, history, famous people and high interest science topics. The implementation of technology will be used to create student-initiated, self-selected, investigative reporting projects. Students will be introduced to a wide variety of topics, developing a common language and collective background knowledge. This course offers numerous opportunities for students to engage in self-selected reading and writing of topics of their own passions and interests.

Open to grades: 7, 8,

Creative Communications

This class stimulates students' creativity and keeps them on their feet, focusing on communication through use of body and voice. Students develop creativity, organizational skills,

self-confidence, and self-discipline as they work with others to produce creative solutions to imaginative assignments. Projects focus on pantomime, voice use, sound effects, teamwork, body control, movement, and staging. This class is a great springboard for students who love forensics or theater. It also provides a nurturing setting for creative students and helps shy students gain poise and confidence.

Open to grades: 7, 8



Introduction to Theater and Forensics

Students in this class are actively involved in acting, speaking, and oral reading. They develop skills and poise in front of an audience. This class strengthens students' use of critical thinking, problem-solving, working with others, communication, and decision-making skills. It also prepares students to participate in school and community theater opportunities and forensics.

Open to grades: 8

Media Production

Be a part of The Scene! Learn to use professional video equipment: video cameras, lighting kits, green screens, and sound systems, along with professional editing software: Final Cut Pro and Adobe Premiere. Bring your talents in writing, photography, videography, music, computer animation, public speaking, and more as we develop video announcements, documentaries, short movies, and more!

Open to grades: 7, 8

Note: A student may take this course in both 7th and 8th grade.

Family & Consumer Science

Family & Consumer Science 6

Interested in trying something new? Family and Consumer Sciences has it all! Break out your creativity to construct your very own hand sewn Ugly Monster. Master the use of basic cooking techniques to make delicious caramel popcorn, cinnamon bites, grilled cheese and more! Building positive and meaningful relationships is what life is all about, students will work together to connect with their friends, family, and community.

The Game of Life

It's about *you*, it's about *me*, it's about *others*. We will explore how to make the best out of the relationships we encounter. How to build friendships and communicate appropriately in multiple areas of your life. Learn to handle unexpected situations that occur and build community connections. All while learning who you are and being true to yourself.

Open to grades: 8

Sewing and Design

This course covers basic sewing and design skills - textiles, apparel, furniture design, and so much more! Some projects may include cross-stitch, simple sewing activities, clothing design, interior design, repurposing items, and community service.

Open to grades: 7, 8

Note: This class may be repeated. Each time you take the course, the teacher develops an individual learning plan and adjusts the skill level.

Fee: Project costs vary depending on individual choices.



Family, Food, and Friends

Want to sharpen your cooking skills? Want to impress your family and friends? Here's your chance! This course includes snacks, quick meals, friendships, family traditions, and the awesome cookie project. See if yours is the "Best in the Show!"

Open to grades: 7, 8



Health

Health

This course covers the following topics related to wellness: mental and emotional health (*emotions, self-esteem, anger management, depression/suicide, stress management*), personal health (*values, goal setting, critical thinking & decision making, peer pressure, risk taking*), substance use and abuse (*drug education*), social health (*communication, relationships, dating, conflict resolution*), physical health (*nutrition, eating disorders, diseases of the body, physical activity*) and reproductive health (*puberty & reproductive health care issues, abstinence, family planning, pregnancy, birth process,*

child care issues). This course offers the knowledge, attitudes and skills students will need to be wise decision makers both now and in the future.

Open to grades: 7, 8

Parent Involvement: A letter will go home from your child's teacher discussing the topics that will be covered during the sexuality unit. Some homework assignments may require parent/guardian participation.

Note: This course fulfills the 1/2 credit Department of Public Instruction health requirement for graduation, but does not earn high school credit.

Mathematics

All of the courses in the Math department support the grade level learning goals for Mathematics defined by the Common Core State Standards (CCSS). The Common Core State Standards, adopted by the state of Wisconsin and 44 other states, provide a consistent, clear understanding of what students are expected to learn, so teachers and parents know what they need for success in preparation for college and careers.

The CPM Math series, the math program your student began in sixth grade, is the primary resource used for math instruction in the MPSD secondary schools. Research has shown that math

students learn best when engaged in doing math, not just watching a teacher talk about it. Students will spend much of a CPM math class working through a variety of different problems. CPM also requires more writing. In addition to finding a numeric answer, students often write a short explanation or justification for why that is the answer.

Sixth Grade Math

On a daily basis, students will use problem-solving strategies, critical thinking, questioning, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. The course helps students learn to work collaboratively to develop multiple strategies to solve problems. At the end of grade 6, students will be able to: collect, organize and display data; use fractions, decimals and percents to solve problems with discounts, interest, and tips; use ratios to solve problems and create similar figures; and compute area, surface area, and volume.

Required for: Grade 6

Seventh Grade Math

Students use real-life applications as they sharpen their skills in computation and estimation of whole numbers, fractions, decimals, and percents. Students use problem solving to develop logical reasoning skills and connect math to other curriculum areas. They use symbols, graphs, and

diagrams to communicate mathematical ideas to their teachers and peers. Students also make math connections through an integrated study of geometry, measurement, statistics, probability, and pre-algebra topics.

Required for: Grade 7

Eighth Grade Math

Continuation of mathematical concepts developed in 7th Grade Math and emphasis on the four basic standards: problem solving, logical reasoning, communication, and connections. More emphasis on measurement, definitions, polygons, and other geometric figures. Introduction of algebra topics: solving equations, integers, rational and real numbers, coordinate graphing.

Required for: Grade 8

Accelerated Algebra

The Algebra course aims to deepen and extend student understanding built in previous courses by focusing on developing fluency with solving linear equations, inequalities, and systems of equations. Students explore quadratic and exponential functions through graphs, verbal descriptions, and equations. Students broaden their knowledge of statistics as they use regression techniques to analyze the fit of models to data distributions.

Optional for: Grade 8

Note: Acceptance in this course is based on student data and teacher recommendations.

Music

Band – Grade 6

Band – Grade 7

Band – Grade 8

The Middle School Band Curriculum provides an ensemble setting for students to continue refining instrumental technique on woodwind, brass, and percussion instruments. A variety of literature is performed in both school and public settings. Middle School Band is a key component of the 5-12 instrumental music curriculum. Students can participate in honors activities and festivals. In addition to class sessions, individual or small group instruction is provided.

Open to grades: 6, 7, 8



Chorus – Grade 6

Chorus – Grade 7

Chorus – Grade 8

Chorus is an awesome educational journey for musicians to share ideas and experiences related to vocal music, explore composer's

intentions, connect with history for authentic performances, and discover harmonies through the studying of both accompanied as well as a cappella repertoire pieces. Small group instruction is provided to work towards achieving individual music educational goals and opportunities will be provided to work on solos, sing with an ensemble, and share our musical journey with audiences.

Open to grades: 6, 7, 8

Note: Chorus members may apply for Holiday Choral Groups first semester as well as audition for Vocal Jazz/Swing Choirs in the spring semester.

Orchestra – Grade 6

Orchestra – Grade 7

Orchestra – Grade 8

Orchestra offers opportunities for continuing string players to learn about and play a variety of music including well-known classics, fiddle tunes, and contemporary popular selections. In addition to presenting large group concerts, many orchestra members take part in a variety of other activities during the school year including solo and small ensemble performances. Orchestra meets as a whole class 2 or 3 times a week. Individual or small group instruction is provided on a regular basis.

Open to grades: 6, 7, 8

Jazz Band

Jazz ensemble is a course for students with advanced instrumental skills. Students use these skills in the performance of jazz, pop, blues, soul, and rock. Students also learn the art of improvisation and music theory related to the jazz medium. Several public performances are held each year. Acceptance is based on teacher recommendation or audition; students must be enrolled in band to enroll in jazz ensemble.

Open to grades: 7, 8

Note: It is a requirement that students enrolled in jazz band be also enrolled in band or orchestra. The exception are students who play guitar or piano. Those students should take private lessons outside of school.

General Music Grade 6

Students will participate in active, hands-on learning challenges creating music. Students will sing, play classroom instruments, and learn about music of different cultures and various styles. They will expand their knowledge of the elements of music: melody, rhythm, harmony, texture, style, and form. Students will participate in project-based learning, which may involve composing and creating original music.

Open to: Grade 6

Investigating Music

Students will discover their ability to create music and express their musical talent through reading, listening, singing, and playing instruments. They will advance their skills through standard notation and composition. Through a musical journal, students will learn how to listen to and describe music from many different genres and cultures. All students are welcome to take investigating music.

Open to grades: 7, 8

Physical Education

Required Physical Education

At the middle school, students rotate through an enjoyable mix of activities every three weeks. Typical activities include: archery, basketball, dance (social, line and swing), football, badminton, speedball, soccer, tennis, volleyball, and weight lifting. The difficulty level is individualized to allow each student to participate and progress at a comfortable level while developing health and fitness habits to last a lifetime. Covered: fitness testing, rhythms, motor skills and movement control, physical fitness and general health, team building, and cooperative problem solving through physical

challenges. Classes incorporate modern fitness equipment including insta-pulse heart rate monitors. Six weeks of swimming instruction is required for all sixth, seventh, and eighth graders.

Note: Physical Education classes meet every other day all year.

Physical Education 6

Required for: Grade 6

Physical Education 7

Required for: Grade 7

Physical Education 8

Required for: Grade 8

Science

Sixth Grade Science

Get ready to explore the world around us through life, earth, and physical science. Students will examine how organisms meet their needs and what factors impact organisms' populations. As a sixth grader, you will have an opportunity to study organisms found in the School Forest through a Bioblitz study during sixth grade camp. Sixth grade scientists will explore atoms and molecules, learning more about how heat affects molecules, basic information about the periodic table, and how atoms bond to form molecules. Students will also learn about the different forms of energy

and analyze transfers/transformations of energy. Students will investigate our National Parks to explain how water cycling and rock cycling work together to form unique landforms.

Required for: Grade 6

Seventh Grade Science

Earth, physical and life science topics will be addressed. Students will study the rock cycle, plate tectonics, light and heat energy, light and sound, solids, liquids and gases, body systems, minerals, waves ecology and plants.

Required for: Grade 7

Eighth Grade Science

Earth, physical and life science topics will be addressed. Students will study astronomy, Newton's Laws, motion, forms of energy, periodic table and reactions, genetics and evolution.

Required for: Grade 8

Social Studies

Sixth Grade Social Studies

Welcome to sixth grade social studies-where you will travel through time. Students learn about the many contributions of the ancient peoples to present day while linking the past with the

present. Social studies is an inquisitive class designed for all learners. Learn all about the ancient times—make connections, understand government and appreciate the similarities/differences of the various cultures.

Required for: Grade 6

Seventh Grade World Regional Studies

World Regional Studies is a geography course for Grade 7. Students taking this course will study the key regions of the world that impact life in the United States. Through the lens of geography, students will explore and learn about the economies, history, culture, and civic life of various regions around the world. This course also encourages students to examine, evaluate, and discuss relevant global issues. This focus addresses multiple standards through focused inquiry, which invites students to generate and research compelling questions.

Required for: Grade 7

Eighth Grade Early United States History

This course focuses on the political, economic, cultural and social history of the United States from pre-Columbian America through the Civil War era. Topics include native populations in America (including Wisconsin), the colonial and revolutionary periods, the

development of the Republic, westward expansion, and the Civil War. Students will be engaged in using historical perspective, critical thinking, analyzing primary sources, and conducting research.

Required for: Grade 8

Learning for the 21st Century

Are you a global minded individual? Do you like to use technology? Do you want flexibility in your learning? If so, then this course is for you. In this course, you will look at issues facing us, both locally and globally. You will have some input on what issues are discussed and you will use a variety of ways to exchange ideas with one another. What are you passionate about? Take this class and come make a difference!

Open to grade: 7, 8

Technology Education

Technology Education 6

6th Grade Exploring Technology Education (ETE) allows girls and boys to sample all areas of Technology Education in one exciting class. You will use computers, computer software, hand tools, and machines to design, manufacture, and assemble many different projects using a variety of materials.

Required for: Grade 6

Metalworking Technology

Following safety instruction, you will work with various metals in an artistic way. You design and create personal projects while studying metal processes that include layout, spinning, bending and twisting, tooling, investment casting, and MIG and Arc welding. You have the opportunity to be creative with your projects.

Open to grades: 7, 8

Fee: Cost of project materials

Gateway to Technology (GTT)

GTT is an activities, project, and problem-based learning program designed to challenge and engage the natural curiosity of middle school students. The instructional units excite and motivate students to use their imaginations and teach them to be creative and innovative, while gaining the skills they need to develop, produce, and use products and services. The GTT curriculum appeals to a full range of students in grades 7-8 and relates technology to students' daily lives. It also promotes communication and collaboration by emphasizing a team approach throughout the instructional units. This approach utilizes the strengths of each team member to accomplish the goals of the project, while offering students learning challenges at all ability levels. The GTT program helps students develop and hone skills in middle school that enable them to enter the high school program

(Project Lead the Way), with foundational knowledge and skills for success in Technology and Engineering.

Open to grades: 7, 8

Design Modeling, Automation & Robotics

This course uses solid modeling to introduce students to the design process. Utilizing this design approach, students understand how design influences their lives. Students also learn sketching techniques and use descriptive geometry as a component of design, measurement, and computer modeling. Students brainstorm, research, develop ideas, create models, test and evaluate design ideas, and communicate solutions. Students will also trace the history, development, and the influence of automation and robotics. They will learn the mechanical systems, energy transfer, machine automation and computer control systems through use of Vex robotics. Students will use a robotics platform to design, build and program a solution to solve an existing problem.

Open to grades: 7, 8

Woodworking Technology

Students design, construct, finish, and assemble personalized projects that may include Big Clothespins, notepads, laminated clipboards, quartz clocks, picture frames and shelves. In a cooperative

atmosphere, students learn blueprint reading and machine and hand tool techniques, to apply problem-solving strategies, and to work with various engineering materials.

Open to grades: 7, 8

Fee: Cost of project materials

Project Lead the Way (PLTW)

PLTW is a national non-profit organization established to help schools give students the knowledge they need to excel in high-tech fields. Studies of PLTW's curriculum have proven that PLTW students become the kind of prepared, competent, high-tech employees U.S. industry needs to stay competitive in the global market. With its strong partnership concept, PLTW leverages the collective knowledge and efforts of secondary schools, colleges, universities, and industry to give students rigorous, relevant, reality based knowledge to better prepare them for college. Research shows and continues to confirm, that students introduced to engineering principles, concepts, and real-world problems in high school are better prepared for college engineering programs and more likely to be successful in postsecondary education.

Furthermore, the PLTW program addresses national standards in math, science, language, arts, and technology as well as offering students college credit at articulated institutions such as MSOE

(Milwaukee School of Engineering) and Lakeshore Technical College.

Open to grades: 7, 8



Transportation Technology

The transportation industry's four areas (land, water, air and space) are introduced through scale model projects that include a balsa glider and rocket, a sailboat, and a CO₂ dragster. Students construct and test their designs against classmates in double elimination tournaments. An emphasis is placed on the engineering, evolution, development, and design components of each of these transportation systems as they relate to science and mathematics. Other activities include map reading, GPS instruction, and a focus on news and current transportation development.

Open to grades: 7, 8

Fee: Cost of project materials

Exploring Technology Education (ETE)

Not sure which Tech Ed class is right for you? ETE allows girls and boys to sample all areas of Technology Education in one exciting class! You will use computers and software, tools, and machines to design and create projects that will introduce the major principles of technology. Projects include building and destructive testing of structures (trusses, bridges, etc.) and processing engineering materials such as wood, metal, and plastic into personal projects you'll take home! You will also learn how Technology Education can help you discover a future career in Science, Technology, Engineering, and Math (STEM). This class will replace the Plastics, Communication Technology, Wood Processing, and Construction Technology classes.

Open to grades: 7, 8

Fee: Cost of project materials

World Language

What in the World?

Have you always wanted to learn a language; but you have no idea as to which one is a good fit for you? Don't worry! We will travel the world together in this class and explore the different languages that

Manitowoc Public Schools has to offer. We will experiment with speaking, reading, writing, and listening to French, Spanish, and maybe even a little German! Get ready to cook, dance, and eat your way through this quarter long class with the World Language Department instructors.

Required for: Grade 6

French 1

Discover the language, culture and great cities of the French-speaking world! Globally, French is spoken in over 40 countries and is used in the areas of diplomacy, research, the arts, education, business, and technology. In your study of French you will learn to communicate with other students about daily life, sports, your interests, and other activities. Given that French is spoken on five continents, this language will open the door to many career opportunities.

Note: Meets daily

Open to grades: 7, 8

French 2

In French 2, you will have the opportunity to continue your journey in French. You'll learn more vocabulary and structures to assist you in communicating with speakers of French. You'll continue to explore the French speaking world as you develop your cultural knowledge and abilities. You'll continue to consider ways in which French can enhance your career opportunities.

Note: Meets daily

Open to grades: 8

Prerequisite: French 1

Spanish 1

The ability to communicate by using the Spanish language is stressed. Cultural aspects are learned through comparing different areas of the Spanish-speaking world with videos and films. Music, food, and celebrating customs and festivals augment the use of the grammatical principles learned.

Note: Meets daily

Open to grades: 7, 8

Spanish 2

Building on the framework of *Spanish 1*, different cultures of Spanish-speaking peoples are introduced. Creativity and usage of previously learned materials are stressed as new vocabulary and communication are added.

Note: Meets daily

Open to grades: 8

Prerequisite: Spanish 1

Middle School Directory

MIDDLE SCHOOLS

Washington, 2101 Division Street	663-9570
Principal – Lance Masters	663-9572
Associate Principal	663-9573
School Social - Megan Gleason (A - L)	663-9826
School Student Advocate – Cary Johannes (M - Z)	663-9714
Counselor Secretary – Paige Cobarrubias	663-9575
School Resource Officer – Michael Laabs	663-9793
Wilson, 1201 North 11 Street	663-9580
Principal – Cory Erlandson	663-9582
Associate Principal – Anna Beatty	663-9585
School Counselor – Terri Augustine (M-Z)	663-9852
School Counselor – Mike Zuppek (A-L)	663-9877
Counselor Secretary – Rebecca Meyer	663-9916
School Resource Officer – Paul Krock	663-9895

NOTES

Mission Statement: The Manitowoc Public School District commits to educate, engage and inspire all learners to thrive in a global community

Vision Statement: Inspiring Education-Empowering Community-Unleashing Potential

Core Values:

Relationships-Compassion-Collaboration-Dedication-Integrity-Inspiration

The MPSD does not discriminate against pupils on the basis of sex, race, national origin, ancestry, creed, religion, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability or handicap in its education programs or activities. Federal law prohibits discrimination in employment on the basis of age, race, color, national origin, sex, or handicap.