

BADGER RIDGE MIDDLE SCHOOL



COURSE HANDBOOK

EIGHTH GRADE

2026-2027

Dear Caregivers and Students:

This handbook has been developed to provide information for parents, guardians, and students about the courses and curriculum at Badger Ridge Middle School.

The curriculum features a strong skills development program, experiences of an exploratory nature, and extensive use of inquiry and discovery. It is our aim that every student is put on a path to be college and career ready in order to thrive in a global, diverse society.

The middle school creates a learning environment that provides stability, promotes self-confidence and is sensitive to the needs of each child. Within this environment, we strive to provide an education that allows the student to be exposed to a wide variety of positive educational experiences.

Badger Ridge houses the Two-Way Immersion (TWI) program in sixth, seventh, and eighth grades. Students in TWI are a part of the house concept, and will learn social studies and science in Spanish with integrated Spanish Language Arts.

Additionally, school staff is working to provide more personalized experiences for students to access, engage in, and express knowledge, understanding, and application of expected learning.

We hope you will find the handbook to be a practical guide as you examine the required and elective course offerings. Please note that the listing of a course is not indicative of the course being offered.

If you do have any questions relating to our courses, please call Badger Ridge Middle School at 845-4400.

Sincerely,

Larry Love, Principal
Shayla Glass Thompson, Associate Principal
Paula Arango Taverro, Associate Principal

EIGHTH GRADE

Required Classes

Language Arts
Math
Science* (TWI in Spanish)
Social Studies: US History* (TWI in Spanish)
Physical Education
Health

Elective Classes (Full Year)

AVID (Invite Only)
Band
Orchestra
Choir
German 1, Spanish , German 1 or Spanish 1
VAIS Program only-Advanced Mandarin 8

Elective Classes (Semester)

Art

2D Art & Design Technology
3D Art & Design

Agriculture

Exploring Agriculture
Exploring Plant Science

Family and Consumer Science

Child Development and Cooking
Designs for Living
Aspiring Entrepreneurs – Kub’s Closet

Technology Education

Robotics and Computer Science
3D Design and Build

Physical Education

Lifetime Fitness

COURSE DESCRIPTIONS – EIGHTH GRADE

REQUIRED CLASSES

English Language Arts

The Language Arts curriculum, *myPerspectives by Savvas Learning*, is designed to help scholars develop foundational skills in reading, writing, speaking, and listening, while also cultivating their critical thinking abilities. This curriculum uses relevant and diverse texts that connect to real-world issues, making learning more meaningful and helping students see how their studies relate to their own lives. Each unit is centered around thought-provoking Essential Questions that engage scholars through whole-class discussions, peer-learning and collaboration, and individual learning tasks.

Scholars will develop and strengthen their strategies and know-how for analyzing literature, nonfiction, and media, developing skills to identify themes, evaluating characters and conflict, and understanding an author's purpose. Additionally, they will explore multiple writing forms and genres with a focus on the writing process and structures, conventions and mechanics, and the final product.

Formative assessments and feedback throughout the unit will track scholars' progress, while summative assessments, including end-of-unit reading and writing performance assessments, measure overall growth and understanding.

Math

In 8th grade, students and families will select between 8th grade math and Algebra 1. Both courses use the Illustrative Math curriculum.

- Math 8 applies students' previous understanding to transformational geometry and linear relationships, equations, and functions. Students' work will culminate with the Pythagorean Theorem as they extend their arithmetic skills to the real numbers. Students will continue to develop communicative and collaborative strategies. Topics covered include rigid transformations, congruence, dilations, similarity, linear equations, systems, functions, volume, data analysis, exponents, scientific notation, and Pythagorean theorem.
- Algebra 1 is a high school level course that builds on middle school concepts. Students will engage in data collection and analysis and deepen their understanding of equations, inequalities, and functions. They will use mathematical representations to model relationships and continue to develop communicative and collaborative strategies with increased precision. Topics covered include one- and two-variable statistics, linear equations, inequalities, systems, functions, inverse functions, exponential functions, quadratic functions, graphs, quadratic equations, and formulas.

In some cases, students may be identified for advanced learning supports aligned to data. This can mean taking Algebra 1 in 7th grade and Geometry in 8th grade. For more information about the advanced learning identification process, visit verona.k12.wi.us/departments/academic-services/advanced-learning.

Science and TWI Science

The 8th grade science curriculum focuses on Physical Science. The units of study include Harnessing Human Energy, Force and Motion, Force and Motion Engineering Internship, Magnetic Fields, Thermal Energy, Phase Change, Phase Change Engineering Internship, Chemical Reactions and Light Waves. The curriculum and units of study were built by Amplify Science to empower students to investigate, talk, read, write, think, and argue like real scientists and engineers through investigations of real-world problems and phenomena.

Social Studies and TWI Social Studies

The eighth-grade social studies course of study focuses on early US History with an emphasis on civics.

The class is designed to give students a basic appreciation of US History prior to the 1920's. The units studied include the process of inquiry and service learning, as well as the discovery, exploration, and the founding of a new nation, its growth and expansion, developing sectionalism, the Civil War, reconstruction, and industrialization. The civics component aims to give students a fundamental understanding of US Government structure based on the US Constitution, the continuing development of the political system, and the rights and responsibilities of American citizens. In addition, the class is structured to build on basic social studies concepts and skills involving charts, graphs, map skills, and research methods; as well as developing higher level thinking skills such as translation, interpretation, application, analysis, synthesis, and evaluation. Students in Two-Way Immersion will learn similar concepts with the content delivered in Spanish and integrated Spanish literacy.

Physical Education

The main emphasis of the middle school physical education program is developing healthy bodies and healthy minds. Cardiovascular fitness and the development of lifelong fitness skills are a main focus at all grade levels. Instructors strive to boost student self-image through positive reinforcement.

Health

Health class is a required comprehensive nine-week class. It encourages skills for living by preparing the individual to make healthy, proactive, choices now and in the future. Issues concerning human growth and development are included in the curriculum. Parent/guardian permission is required for this section of the curriculum. All curriculum is available for preview by contacting the school office or the instructor.

A+

Based on our students' individual data, we match student needs with opportunities that will strengthen key transferable academic and life skills. A+ is grounded in challenge, connection, and support, fosters confidence and growth, and is guided by a school-wide commitment to continuous improvement.

ELECTIVE CLASSES

Every effort is made to accommodate elective course requests. However, due to budget constraints, student enrollment in courses is subject to change. Elective class changes must be made only during the first three days of that semester through the recommendation of the counselor.

Full Year Classes

AVID

AVID (Advancement Via Individual Determination) is a national program aimed to prepare students for success in high school, college and beyond. The AVID curriculum centers on building students' writing, inquiry, collaboration, organization and reading skills, in addition to student-led tutorials. AVID students are expected to be school leaders, and learn more about college and career options through guest speakers and field trips. *Students can elect AVID only by an invitation and interview process.* Criteria we consider when selecting AVID students include: first generation to attend college, historically underserved in four-year colleges, low income, average to high test scores, consistently meets academic expectations, college potential with support, desire, and determination and/or have special circumstances.

Students are identified and recruited to apply for the AVID program during the 2nd semester of their 7th grade year based on a comprehensive data review of qualifying indicators.

Band

Students who learned a band instrument in seventh grade can continue their learning in eighth grade band. Eighth grade band is an academic class that meets every day during the school year. Through listening to and performing music from many styles and genres, students will increase their performance skills on their instrument, but will also grow as critical thinkers, expert noticers, and overall well-rounded learners. Throughout the school year, students will perform, create, connect, and respond to music, while growing their technical skills on their instrument and increasing their music literacy. Students will demonstrate their learning at three to four evening performances each year. Students who participated in 7th grade band are strongly encouraged to continue their musical learning in 8th grade band.

Orchestra

Students who learned a string instrument in seventh grade can continue their learning in eighth grade orchestra. Eighth grade orchestra is an academic class that meets every day during the school year. Through listening to and performing music from many styles and genres, students will increase their performance skills on their instrument, but will also grow as critical thinkers, expert noticers, and overall well-rounded learners. Throughout the school year, students will perform, create, connect, and respond to music, while growing their technical skills on their instrument and increasing their music literacy. Students will demonstrate their learning at three to four evening performances each year. Students who participated in 7th grade orchestra are strongly encouraged to continue their musical learning in 8th grade orchestra.

Choir

8th Grade Choir

Students who learned vocal music in seventh grade can continue their learning in eighth-grade choir.

Eighth-grade choir is an academic class that meets every day during the school year. Through listening to and performing music from many styles and genres, students will increase their performance skills on their vocal instrument, but will also grow as critical thinkers, expert noticers, and overall well-rounded learners.

Throughout the school year, students will perform, create, connect, and respond to music, while growing their vocal skills and increasing their music literacy. Students will demonstrate their learning at three to four evening performances each year. Students who participated in 7th grade choir are strongly encouraged to continue their musical learning in 8th grade choir.

World Language Classes

*Eighth grade World Language classes meet every day for the entire year. After successfully completing the eighth grade course, students will have completed the equivalent of one year of world language at the high school.

Spanish 1

Eighth grade classes focus on listening, speaking, reading and writing in Spanish. We cover topics such as school, leisure activities, family, cities, and food. As students continue growing their vocabulary through these various thematic units, there is more emphasis on the structure and grammar of the Spanish language. Students will also learn about the cultures of the people who speak Spanish and become more knowledgeable of the world around us.

German 1

Eighth-grade students will continue to expand their knowledge of the German language and culture. Topics covered throughout the year include: geography, telling time, family and friends, house and cities, hobbies and free-time activities. As students build their vocabulary, we take a closer look at the structure and grammar of the language. Students focus on four main areas of communication: listening, speaking, reading and writing in German. Students will also be exposed to a variety of German musicians, and opportunities to compare and contrast the German and American cultures. Through language learning, students become more knowledgeable of themselves and the world around them.

Advanced Mandarin 8

This course is for students who, having successfully developed basic language skills, are ready to increase proficiency in listening comprehension and in the speaking, reading, and writing skills of Mandarin Chinese. Readings focus on the goal of developing vocabulary and fluency. Written and oral precision will be emphasized. Instruction includes cultural content. Prerequisites include participation in the Verona Area International School, completion of Mandarin in 6th and 7th graders, or a similar Mandarin immersion program from another school district. This is a daily, year-long class offered during elective time.

SEMESTER ELECTIVE CLASSES

AGRICULTURE

Exploring Plant Science

Discover the fascinating world of Plant Science! This course offers students an exciting chance to learn new skills surrounding plants. Through engaging hands-on labs, we'll explore the diverse plant life on our school grounds and in our greenhouse. Throughout the course, students can expect to cover a range of captivating topics, including plant parts and functions, the plant lifecycle, plant reproduction, plant nutrition, and even tree identification. But that's not all – students will also have the opportunity to develop essential skills such as leadership, teamwork, data analysis, and organization as they collaborate with their classmates. Join us on this educational journey where curiosity meets hands-on exploration in the vibrant world of Plant Science!

Exploring Agriculture

In the Exploring Agriculture course, students will have the exciting chance to delve into the diverse field of agriculture. This class covers a wide range of important topics related to agriculture, providing a glimpse into some of the fascinating subjects offered at the high school level in the agriculture department. Throughout the course, students will explore small animal science, large animal science, food science, environmental science, agriculture careers, and FFA. This hands-on class will allow students to gain valuable insights into the world of agriculture. Moreover, participating in this course will not only expand students' knowledge but also help them develop essential skills. They will have the opportunity to enhance their leadership, collaboration, and organizational skills, preparing them for future academic and professional endeavors.

ART

2-D Art & Design Technology

In 2-D Art & Design Technology, students will work in a creative, hands-on environment to explore drawing and painting materials, digital photography, and design apps. Students will create unique works of art using: ink, charcoal, pastels, scratchboard, colored pencil, watercolor paint, acrylic paint, etc. They will also learn about a variety of artists and their particular styles of art-making. In addition, students will learn about commercial art, graphic design and digital photography.

3-D Art & Design

If you enjoy hands-on projects and building 3-D forms, then this is the class for you! In this class, students will creatively problem solve and construct multiple clay projects using their hands, clay tools, and the potter's wheel. Students may construct sculptures with wood, wire, papier mache, found objects, and metals. Students will learn about past and present artists and their styles.

FAMILY AND CONSUMER SCIENCE

Child Development and Cooking

Do you enjoy being around kids? Does the idea of cooking and baking sound like a blast? Then this is the perfect class for you!

In the first nine weeks, you'll learn all about how children grow and develop. You'll discover the importance of play and get hands-on experience with fun activities that teach you about working with young kids.

In the remaining weeks, you'll head to the kitchen to become a cooking and baking expert! You'll master essential kitchen skills in exciting cooking and baking labs. And don't forget the highlight of the semester – an epic Cookie Wars competition where your creativity and skills will shine!

Designs For Living

Do you have a passion for fashion, interior design, or architecture? Do you love sewing, up-cycling clothing, or creating unique projects? Maybe you enjoy building, designing, or just letting your creativity run wild. If that sounds like you, **Designs for Living** is the class you've been waiting for!

In this class, you'll have the freedom to work on projects of your choice at your own pace. We will start with drawing fashion sketches using croquis. Next, we will dive into sewing and up-cycle your favorite pieces into something new and exciting. Then unleash your inner architect by designing and building your dream home. Whether you like to make, create, or just bring your big ideas to life, this class is all about exploring your creativity and having fun!

Ready to turn your ideas into reality? Join us in **Designs for Living** and let's get creative!

Aspiring Entrepreneurs – (Kub's Closet)

Have you ever dreamed of starting your own business? Do you enjoy connecting with other students and staff at school? If so, **Aspiring Entrepreneurs** is the class for you!

In this hands-on class, you'll take charge of organizing, running, and managing the school store. You'll get to choose, order, and price products to sell – just like a real entrepreneur! But that's not all – you'll also learn how to market new items, attract customers, and even create your very own business idea from scratch.

If you're ready to sharpen your business skills, spark your creativity, and be the boss, join **Aspiring Entrepreneurs** and start making your ideas happen!

Technology Education

Computer Science-(Coding and Robotics)

Want to code your own games? Are you interested in building and coding your own robot? This course provides the opportunity to gain a more in-depth knowledge of robotics and Computer Science skills. Students will also be introduced to common computer languages for coding robots (Robotics). Currently, 100,000 of the highest paying and rewarding careers are not being filled per year because of a shortage of people qualified to do this important work. By completing this course, you will have fun creating and gain a real sense of if computer science and robotics could be for you.

Advanced Information Technology-(3D Design and Build)

Do you love creating and building your own projects? Does the idea of building your own dragster sound fun? How about designing a catapult? Do you have something you would like to build? Students will also be introduced to measurement techniques, safe use and technique with common hand and power tools, and how to create scaled drawings as part of the design process in creating unique projects out of various materials. There are several fun projects that will apply these skills throughout the semester. The integration of **3-D design** software and printing might also be a part of this course.

Physical Education

Lifetime Fitness and Wellness

Students will be able to develop an understanding of fitness concepts while developing an individualized level of health-related activities to complete assessments of their health-related fitness. Students will learn the relationships between physical activity, physical fitness, group interaction, cooperation, an appreciation for the abilities and limitations of self and others and various health-related outcomes. Through the course, students will gain knowledge and skills needed to develop a lifelong pattern of physical activity. By the end of the course students will: improve their physical fitness by participating in group fitness classes, weight training, walking, jogging, nutrition and other activities.

*** Ball sports will not be part of this class. ***

SPECIAL EDUCATION SERVICES

The middle school offers programs that meet the needs of all of our students. Special education services address the individual needs of any student who meets state eligibility criteria for special education. Our special education program follows a cross-categorical service delivery model which includes planning with regular education teachers. This model provides specially designed services for students with learning, speech, behavioral, physical, health, hearing, visual, developmental and/or intellectual disabilities. Each student identified as having special education needs has an Individual Educational Plan (IEP) as determined by an IEP team. Students may receive services on an individual basis, in small groups, and/or in the classroom.

RESOURCE AREAS

We believe strongly in providing additional resources beyond the classroom materials to facilitate the learning of our students. The Library Media Center (LMC), which includes our library staff and technology staff, is a functional and integral part of instruction, and is used on a regular basis by all students. Additional resource areas are available for small group instruction, collaborative projects, and homework assistance.

STUDENT SUPPORT SERVICES

School Counselors

The counseling program is designed to help develop academic success, emotional awareness, social development, and career exploration as students grow and develop throughout middle school. Counselors address these issues in classrooms, small groups, individual meetings, and parent conferences. The school counselors at BRMS work closely with the Student Services team to collaborate with staff and parents to create a safe and respectful learning environment where students can maximize personal and academic growth. They work to support students to set informed career goals, acquire healthy emotional health, and realize their full potential to discover their gifts and thrive in the world community.

School Social Worker

The primary function of the school social worker is to promote the emotional, social and mental well-being and adjustment of students. The school social worker provides direct and indirect services to students, parents and school staff. Services may include counseling and family intervention, groups, consultation with staff or parents, liaison with community agencies, classroom instruction, and coordination and implementation of district programs. The school social worker role includes advocacy for children and families in the school system and community programs.

School Psychologist

The school psychologist at the middle school is an integral team member in helping to determine the educational needs of students who are experiencing difficulty finding success at school. The psychologist conducts formal evaluations of students to determine placement in special education programs and informal evaluations of students to determine learning and/or behavioral difficulties. Other services provided by the

school psychologist include teacher consultation, parent consultation, individual counseling sessions with students, and small groups focused on social/emotional/academic development.

PBIS Coach/Dean of Students

The PBIS Coach/Dean of Students role at the middle school level provides leadership, assistance, support, and training for students, teachers, and the school level PBIS team to build and sustain the PBIS framework to meet the social emotional needs of all students. This role also serves to coordinate school level professional development in all three tiers of PBIS as well as the positive behavioral approaches such as functional behavioral analysis, Restorative Practices, and other evidence based methods. The PBIS internal coach also serves as a behavioral consultant on individual student cases and provides coaching to individual classroom teachers at the school level.

Restorative Practices and Student Engagement Specialist

The Restorative Practices and Student Engagement Coordinator role is a resource for all BRMS students, staff, and families in support of problem solving and resolving conflicts. This specialist leads school wide implementation of restorative practices, supports student-student, student-staff, and family-school conflict resolution through restorative conversations and/or restorative circles. The person in this role also works closely with the school administration and the student services team to provide support and implement social-emotional learning strategies. Finally, our coordinator supports classroom management, small groups, behavior interventions, and other ways to make student connections. This role is predicated on building relationships with all students and staff.

Academic Instructional Coaches

It is the philosophy of the Verona Area School District that, given time and resources, every child can learn. The purpose of our instructional coaches is to ensure that students receive instruction based on their individual learning styles, needs, strengths, and weaknesses. Some of the tasks associated with this position include, but are not limited to:

- Collecting and disseminating information about programmatic needs of students
- Consulting with teams to develop strategies to meet individual student needs
- Facilitating the administration and scheduling of required state and local standardized assessments
- Facilitating curriculum development, revision, and articulation
- Providing professional staff development

School Interventionist Support

A resource to help support students who have traditionally struggled in the school setting--academically, socially, and/or emotionally. It services students in sixth, seventh and eighth grade with the greatest need. Staff provides additional support in classrooms, student check-ins, small group support, and finding opportunities to connect with students during the day.

Reading Support Services

Badger Ridge Middle School is committed to enhancing the reading performance of all students. To address the varying needs of middle school readers, a variety of approaches are used within the regular and resource classrooms. Each student's progress in reading is monitored through formal and informal assessments and observations. Students are identified for reading support based on multiple measures including standardized assessments and fifth grade teacher recommendations. Our Reading Specialist collaborates, plans and co-teaches with teaching staff, and is an integral part of universal classroom and best practices in literacy instruction.

Programs for English Learners

We welcome students from all cultures and backgrounds. In addition to learning Science, Math, Social Studies, Language Arts, and other academic content, English Learners (ELs) must also become proficient in English (speaking, listening, reading, and writing). In order to meet students' needs and follow federal and state laws, Badger Ridge provides the following programs which allow EL students to learn grade level content and English.

ESL and Bilingual In-class Support

An English as a Second Language or Bilingual Certified Teacher works in collaboration with the classroom teacher in general education classes. The teacher works with students within the classroom, supporting individuals or small groups. Classroom teachers also implement accommodations and use teaching strategies suggested in each English learners Language Development Plan to facilitate learning.

Accommodations made by the Grade Level and Schoolwide Teachers

Grade-level teachers modify the way they teach to make the content more understandable. They use visuals, realia (objects from real life used in the classroom), pacing (slower, explain difficult vocabulary), provide more individual help, repeat directions, use visual representations, post content and language objectives, etc. These accommodations are designed to ensure that EL students receive the same content as native speakers.

Assessments

In December and January, all English learners take the ACCESS for ELs standardized assessment.