

2021-2022 Middle & High School Course Offerings

MIDDLE SCHOOL (GRADES 6-9):

All of our classrooms have multiple grades. For core-content courses (year-long classes) grades 6-7 and 8-9 are together. For most trimester length long courses, grades 6-12 are together. Our student to teacher ratio is small, giving the teacher the chance to really know each student's needs and abilities and tailor learning activities to meet the needs of the individual students in the classroom as well as the whole class.

FULL-YEAR COURSES:

Physical Science: Students will approach understanding the following topics through learning how to use the scientific process to ask and answer questions: Motion, Energy, Forces, Sound, Light, Electricity, and Magnetism. The final product to show the knowledge gained throughout the year will require them to put all their learning together in one culminating project--a Rube Goldberg Machine. Area schools will be challenged to create machines as well, hopefully providing the opportunity for our school to host a Rube Goldberg competition in the spring.

Economics, Government & Geography: Each trimester students will explore a new topic in the social studies category. All of them will point the students toward

understanding how systems within society impact our daily lives. Additionally, students will become aware of what it means to be a responsible citizen in one's community, and the civic responsibility that goes along with being a part of a democracy. Students will explore how geography impacts culture, including economics and community relationships. Probing each of these topics from a Christian perspective will help students to begin to see how one's Christian faith can be challenged through engaging in the systems around us--Both courage and humility are needed to have civic conversations and build relationships that bring about the impact God calls each of us to have, not matter our place in society.

Reveal Math Course 1 (6th grade): Reveal Math's vertical standards alignment is built as a progression from grades K-12 to prevent student learning gaps and ensure that proper foundations are set for the next grade level. In 6th grade topics such as the relationship between decimals, fractions, and percents, rates and ratios, 2-D and 3-D geometry, probability, and an introduction to algebra will be taught.

Reveal Math Course 2 (7th grade): Reveal Math's vertical standards alignment is built as a progression from grades K-12 to prevent student learning gaps and ensure that proper foundations are set for the next grade level. In 7th grade topics such as 2-D and 3-D geometry, rational numbers and



2021-2022 Middle & High School Course Offerings

integers, ratios and proportional reasoning, data and probability, and linear relationships will be taught.

Reveal Math Course 3 (8th grade): Reveal Math’s vertical standards alignment is built as a progression from grades K–12 to prevent student learning gaps and ensure that proper foundations are set for the next grade level. In 8th grade topics such as, linear functions and applying them, systems of linear equations, exponential functions, the Pythagorean Theorem, and quadratic relationships will be taught.

Intermediate Algebra/Reveal Math Algebra I (9th grade): Reveal Math’s vertical standards alignment is built as a progression from grades K–12 to prevent student learning gaps and ensure that proper foundations are set for the next grade level. In 8th grade topics such as statistics and probability, advanced solving of linear equations, inequalities, exponential models, functions, transformations, and quadratics will be taught.

Algebra will be introduced to the degree necessary for meeting MN state’s graduation requirements. Students will need to achieve mastery of at least 80% of these standards in order to meet graduation requirements and be eligible for MSHSL activities.

Communication Arts & Literature: Students will learn to write well, think

clearly, and express themselves eloquently and persuasively. They will begin with the basics—rewriting a paragraph—and continue all the way into advanced creative and essay writing. Some of the skills students will gain in this class include: outlining and summarizing, generating cohesive paragraphs, creating stories and developing essays. Themes we will focus on for this year are: prejudice, acceptance of those who are marginalized, courage-doing the right thing even if it means losing friends or relationships and forgiveness.

HIGH SCHOOL (Grades 10 - 12)

All of our classrooms have multiple grades. For core-content courses (year-long classes) grades 10-12 are together. For most trimester length long courses, grades 6-12 are together. Our student to teacher ratio is small, giving the teacher the chance to really know each student’s needs and abilities and tailor learning activities to meet the needs of the individual students in the classroom as well as the whole class.

FULL-YEAR COURSES:

Practical Business Math Procedures: This math course brings the practicality of math into the real world, showing students how numbers work (math sense) and teaching them how to do the type of math that is required throughout life: calculating percentages for discounts or home loans,



2021-2022 Middle & High School Course Offerings

using a checking and savings account, understanding online banking, calculating interest and understanding payroll and deductions. And much, much more. Because we actually use percentages, formulas, fractions and solving for unknowns more than we realize, right? This class will prepare students for making healthy financial choices and using numbers to make good decisions.

British Literature & Shakespeare: This class is a survey course of epic poems, plays, poetry, novels, historical documents, and speeches. The curriculum focuses on the following skills and learning experiences: *Reading Reflection & Response:* Students will reflect upon and respond to print and non-print texts. *Research:* Students will conduct research and analyze text in order to inform an audience. *Critical Reading & Evaluation:* Students will use critical thinking skills to analyze and evaluate text structures and develop and support arguments. *Analysis:* Students will analyze text to gain meaning and synthesize ideas. Students will also exercise organization, presentation, and research skills in both individual and group settings. Grammar, vocabulary, writing mechanics, and literary elements will also be covered on a regular basis.

Research Paper Writing: This class will walk students through the steps of the inquiry process, as well as best methods in

doing research. Students will learn to discern if a source is credible and reliable, how to balance opposing points of view in an argument and support claims with data and research, and document resources to avoid plagiarism. A brief study on fallacies (false logic) will aid them in creating claims and support that are rooted in the methods logic and reasoning. Students will also exercise organization, presentation, and research skills in both individual and group settings. Grammar, vocabulary, writing mechanics, and literary elements will also be covered on a regular basis.

Economics, Government & Geography: Each trimester students will explore a new topic in the social studies category. All of them will point the students toward understanding how systems within society impact our daily lives. Additionally, students will become aware of what it means to be a responsible citizen in one's community, and the civic responsibility that goes along with being a part of a democracy. Students will explore how geography impacts culture, including economics and community relationships. Probing each of these topics from a Christian perspective will help students to begin to see how one's Christian faith can be challenged through engaging in the systems around us--Both courage and humility are needed to have civic conversations and build relationships that bring about the impact God calls each of us to have, not matter our place in society.



2021-2022 Middle & High School Course Offerings

Human Biology: This course covers comprehensive aspects of anatomy and physiology as well as basic illnesses and medicine. There may be aspects of ecology and environmental biology where appropriate. The main focus will be the structure and function of the human body from the microscopic to macroscopic, gaining and understanding of the amazing miracle that life is and all the creative systems necessary to keep life going. Awe and wonder of all that our Creator God put in place to make human life possible is a certain outcome of this course.

SINGLE TRIMESTER COURSES for MIDDLE AND HIGH SCHOOL:

Bible: Bible class meets on Mondays, Tuesdays, Thursdays and Fridays and is replaced by a chapel on Wednesdays. These classes are primarily taught by New Testament Church pastoral staff, with guest speakers and pastors from local area churches also being invited in to teach. The main focus for this year is Spiritual Disciplines and the study of Scripture using tools that can be applied to any book of the Bible.

Mural Art: We are excited to be able to impact our community in a positive way through art. In this course students will learn the elements of design and apply them to creating murals to cover the tunnel that sits

under High 29 N for the footpath that takes people to the trail. We have an artist lined up but are in need of a teacher, so spread the word and help us find an art teacher to make this vision a reality. **(Combined grades 6-12.)**

Horticulture: The objective of this class is to teach students practical horticulture skills for yard maintenance and gardening. Students will learn about botany. They will not only be able to identify the parts of a plant and how it functions, but also understand how environmental factors contribute to plant health. They will learn about soil types and the amendments needed for healthy plant growth. In order to grow healthy plants, students will study plant pathology and entomology for pest control. Finally, students will learn how to grow fruits and vegetables and have an opportunity to put their learning into action.. **(Combined grades 6-12)**

Minnesota History: Minnesota has a rich history, full of amazing and inspiring people and stories. This course will cover the many MN State Standards for history that are specific to MN, utilizing history textbooks and resources written here in MN. This will be a highly interactive course, taking students on actual or “virtual” field trips as often as it fits into the trimester **(Combined grades 6-12)**



2021-2022 Middle & High School Course Offerings

Music: Students will spend each class day of this course producing a “stomp” musical. All students will have a part to play in the production--that may be singing, playing a musical instrument, acting, building the set, running sound, or designing costumes. Along the way they will apply music theory and learn what it means to “think like your audience” when creating a musical production for others to learn about the Bible through and to enjoy. **(Combined grades 6-12)**

Study Skills: In this class students will spend half the block learning how to study for tests, write papers and create systems that aid them in completing homework on time. Other topics covered will include online safety, digital etiquette, cyber bullying, appropriate use, protecting your online reputation, social networking, plagiarism, copyright and fair use, how to conduct effective searches, how to evaluate sites for accuracy and bias, as well as computer and Internet History. The second half of class will run as a study hall for students to put into practice the study skills they are learning. **(Grades 6-7 & 8-9)**

Living Well II: In this course students will learn how to grow in empathy and compassion, develop healthy habits that produce resilience, emotional intelligence, stress regulation and mindfulness. They will also explore differences between a fixed and a growth mindset and how to, with love and

grace, have civil discourse and develop healthy relationships with friends and family. Students will learn what it means to have influence and use that as a gift and blessing to others. **(Grades 10-12)**

College & Career Planning: Students will take inventories, surveys and seek the input of the people around them, along with praying specifically for understanding their calling, in order to create a mission, purpose and vision statement to guide them toward their next steps. In this class students will take the time to understand their God-given design and natural talents and make a plan for how to use them in both a vocation and in the ministry or volunteer work in the present and future. **(Grades 10-12)**

Elective Course That May Be Offered, based on staffing:

- Outdoors & Your Faith**
- Spanish 1 & 2**
- FACs (Family & Consumer Sciences)**
- Photography**

