

## Grade 7 Middle School Course Offerings

### 2024-2025 Middle School Course Offerings

#### Grade 7

1. English 7
2. Math 7
3. Life Science
4. U.S. Studies
5. Physical Education (A/B)
6. \*Music Elective (A/B)
7. Industrial Tech 7 (.5 year)
8. FCS 7 (.5 year)
9. \*New Art Requirement (.5 year)
10. \*New Exploratory (.5 year)

\*Music Elective

#### Grade 7

Intermediate Band  
Intermediate Choir  
Intermediate Orchestra  
General Music

#### Art Requirement (choose 1)

- Students can choose between Visual Arts 7 and Media Arts 7

#### \*New Exploratory (choose 1)

##### Exploring Robotics and Coding 7

- Entry level course in Computer Science

##### Exploring Outdoor Education 7

- Taught outdoors and will cover many seasonal activities that will inspire students to get outdoors!

#### Communication Arts 7

- Allows students to express ideas through debate, speaking, storytelling and dramatic dialogue.

#### Visual Arts 7 or Media Arts 7

- Students can choose an additional art option if desired.

#### World Language

- Spanish 1A, German 1A, Ojibwemowin 1A (1st semester)

# Course Descriptions - Grade 7

## *Required 7*

| Course Name                                  | Term Length             | Course Description   |
|--|-------------------------|--|
| <b>M043000<br/>English<br/>Grade 7</b>       | Required<br>(Year long) | <p>This course will provide opportunities for all students to:</p> <ul style="list-style-type: none"> <li>● Demonstrate literal, interpretive, inferential, and evaluative understanding of literary and informational texts</li> <li>● Write clearly and coherently for a variety of audiences and purposes</li> <li>● Access information and use a variety of sources to answer a question or support a claim</li> <li>● Access, analyze, evaluate, and create media</li> <li>● Practice listening and speaking skills</li> <li>● Improve language skills including vocabulary, spelling, and conventions</li> </ul>   |
| <b>M072000<br/>Math<br/>Grade 7</b>          | Required<br>(Year long) | <p>Students will solve real-world and mathematical problems by:</p> <ul style="list-style-type: none"> <li>● Understanding and performing calculations with positive and negative rational numbers</li> <li>● Understanding the concept of proportionality and distinguishing between proportional and other relationships</li> <li>● Representing proportional relationships with tables, verbal descriptions, symbols and graphs and explaining results in original contexts</li> <li>● Applying understanding of the order of operations and algebraic properties to generate equivalent numerical and algebraic expressions and solving equations symbolically, graphically and numerically</li> <li>● Using reasoning with proportions and ratios to determine and justify formulas involving circles and related geometric figures</li> <li>● Analyzing the effect of change of scale, translations, and reflections on the attributes of two-dimensional figures</li> <li>● Applying concepts and tools of data to solve problems and make predictions (median, mean and range)</li> <li>● Displaying and interpreting data in a variety of ways, including circle graphs and histograms</li> <li>● Understanding probability calculations using proportions</li> </ul> |
| <b>M102000<br/>Life Science<br/>Grade 7</b>  | Required<br>(Year long) | <p>Life Science is a basic biology course where students will learn about living things. Students will complete a series of units that focus on the unit's core ideas, practices that engineers and scientists do, and cross cutting concepts that drive higher level thinking. The hands-on curriculum will focus on: the practices of science and engineering, the importance of cells as the basic unit of life, the structure of organisms and maintaining a balanced body, reproduction, heredity and growth, how matter and energy flow within and between organisms, the history of life through Earth's history and contributions to the scientific world by Minnesota American Indian Tribes and other cultures. The course will examine these natural processes through the investigation of real world phenomena, the use of student built models, student driven experimentation, and student led discussions. The course is fully aligned to the 2019 Minnesota State Science Standards.</p>  |
| <b>M112000<br/>United States<br/>Studies</b> | Required<br>(Year long) | <p>This course takes an integrated approach to the study of the United States, with an emphasis on U.S. History after the year 1800. Students will inquire as to how citizenship and government, economics, and geography influence the United States in past and present eras. U.S. Studies will provide students with an understanding of foundational documents of American History, the structure</p>  |

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|   |                                  | of the U.S. government as well as the rights and responsibilities of citizens. Students will investigate how the country has changed over time due to geography, economic shifts, and cultural changes.   |
| <b>M092000<br/>Physical Education<br/>Grade 7</b> | A/B rotation all year with Music | This course fulfills the MN 7th grade state requirement for Physical Education. It is meant to enhance student's knowledge of the components and concepts of MN state standards. The curriculum addresses these standards through aquatics, physical fitness and individual/team indoor and outdoor activities. An emphasis is placed on each student developing positive social behaviors within class settings.   |
| <b>M032000<br/>Family and Consumer Sciences 7</b> | One semester                     | FCS 7 is a semester-long course required for all 7th graders. This course gives students the opportunity to develop individual skills as well as discover personal strengths when collaborating in groups. Lessons will explore healthy food choices, nutrition, basic food preparation, etiquette, introduction to financial literacy and budgeting. This course will further prepare students for the future and foster lasting life skills   |
| <b>M062010<br/>Industrial Technology 7</b>        | One semester                     | This introductory course is designed to be an exploratory learning experience. Students will gain a wide variety of skills and knowledge dealing with industrial technology, manufacturing sciences, engineering/design process, technical drawing, 3D modeling, CAD design, 3D printing, wood production (design and fabrication), as well as technical science, math and reading). Students will design, plan and fabricate multiple projects while being introduced to many different aspects of industrial technology. Students will have the opportunity to work in groups as well as individually, to complete class required projects. |

### *Required Music 7 (Select One)*

| Course Name                               | Term Length                       | Course Description   |
|---|-----------------------------------|--|
| <b>M081100<br/>Intermediate Band</b>      | A/B rotation all year with Phy Ed | This course is open to all interested 7th-grade students who have had previous band experience. Students will study performance skills on an assigned instrument and learn how to work effectively in a group. Basic music theory will be studied which includes the knowledge of music fundamentals, scales, and rhythms. A prescribed amount of daily practice is recommended outside of school. Weekly group lessons are provided. Concert participation is expected. Completion of Beginning Band is recommended but not required.               |
| <b>M083100<br/>Intermediate Orchestra</b> | A/B rotation all year with Phy Ed | This course is open to all interested 7th grade students who have had previous orchestra experience. Students will study technical playing skills on a given instrument and learn how to work effectively in a group. Basic music theory will be studied which includes the knowledge of music fundamentals, scales, and rhythms. A prescribed amount of daily practice is recommended outside of school. Weekly group lessons are provided. Concert participation is expected. Completion of Beginning Orchestra is recommended, but not required.. |
| <b>M082100<br/>Intermediate Choir</b>     | A/B rotation all year with Phy Ed | This course is open to all interested 7th grade students who have had previous experience. Students will study performance skills related to their voice and learn how to work effectively in a group. Music theory, two and three-part music reading skills and intermediate sight-singing skills will be studied and assessed. Individual practice is recommended and concert participation is expected.   |
| <b>M082300<br/>General Music</b>          | A/B rotation all year with Phy Ed | This non-performance course offers an exploration into the world of music. The course includes elements of singing and playing a variety of musical instruments. During this course the students will learn some music history   |

along with composing and reflection on music. The course would follow the Minnesota Arts Standards. Throughout this course, students would be exposed to a diverse group of performers either in person or virtually.

## *Required Arts 7 (Select One)*

| Course Name                      | Term Length  | Course Description  |
|----------------------------------|--------------|---|
| <b>M011600<br/>Visual Arts 7</b> | One semester | Visual Arts 7: Students will build on skills gained in Visual Arts 6 through the exploration of a variety of materials and techniques, such as drawing, painting, sculpture, graphic arts, fibers, and ceramics. Visual Arts 7 further builds upon visual literacy skills by engaging students in the meaning and use of images across cultures and times. Students will have the opportunity to demonstrate their developing skills with various materials, methods, and approaches in creating works of art and design. |
| <b>M011610<br/>Media Arts 7</b>  | One semester | Students will build on skills learned in Media Arts 6 by further exploring the worlds of animation, cartooning, and stop-motion animation using drawing, sculpture, object manipulation, and photography. Character development and storyline will pair with background and sound as students explore visual culture through a variety of Media Arts techniques.  |

## *Exploratory Courses 7*

*(You will be placed in ONE course, we cannot guarantee placement in your top choice.)*

| Course Name                     | Term Length  | Course Description   |
|---------------------------------|--------------|--|
| <b>M011610<br/>Media Arts 7</b> | One semester | Students will build on skills learned in Media Arts 6 by further exploring the worlds of animation, cartooning, and stop-motion animation using drawing, sculpture, object manipulation, and photography. Character development and storyline will pair with background and sound as students explore visual culture |

|  |              |   |
|--|--------------|---|
|  |              | through a variety of Media Arts techniques.<br>(If not selected under the above arts section.)  |
| <b>M011600<br/>Visual Arts 7</b>                           | One semester | Visual Arts 7: Students will build on skills gained in Visual Arts 6 through the exploration of a variety of materials and techniques, such as drawing, painting, sculpture, graphic arts, fibers, and ceramics. Visual Arts 7 further builds upon visual literacy skills by engaging students in the meaning and use of images across cultures and times. Students will have the opportunity to demonstrate their developing skills with various materials, methods, and approaches in creating works of art and design.(If not selected under the above arts section.)  |
| <b>M021510<br/>Exploring<br/>Robotics and<br/>Coding 7</b> | One semester | This course provides an opportunity for students to explore Lego robotics, coding, and other engineering activities.  |
| <b>M106010<br/>Exploring<br/>Outdoor<br/>Education 7</b>   | One semester | We live in a city that provides a wide variety of outdoor activities.. This class will not only teach the basic skills but will also inspire you to get out and enjoy the fun, exciting and healthy activities our city and state have to offer. Students will have the opportunity to participate in several outdoor activities. This course is designed for any student wanting to learn skills or better their skills needed to enjoy these activities. Outdoor education will also make you contemplate the balance of human interaction and the environment. A lot of this class is taught outdoors so you will need to be prepared to enjoy the outdoors and dress appropriately. |
| <b>M046100<br/>Communication<br/>Arts 7</b>                | One semester | Students will engage in collaborative activities that allow for creative and individual expression of ideas through debate, speaking, storytelling, and dramatic dialogue. The course will also include opportunities for students to evaluate mass media, mediate, and problem solve with discussion while presenting ideas in diverse media and formats. This elective course provides students with a deeper exploration of the Listening, Speaking, Viewing and Exchanging Ideas standard within English-Language Arts.   |
| <b>M240001<br/>*German 1A</b>                              | One semester | Curious about German? German 1A is an introduction to the German language. Explore the language and start getting familiar with the German-speaking world! Upon completion of German 1A the student is eligible to take German 1B in middle school or German 1 in high school.<br>(No High School Credit is available for this course.)   |
| <b>M241301<br/>*Spanish 1A</b>                             | One semester | Curious about Spanish? Spanish 1A is an introduction to the Spanish language. Explore the language and start getting familiar with the Spanish-speaking world! Upon completion of Spanish 1A the student is eligible to take Spanish 1B in middle school or Spanish 1 in high school.<br>(No High School Credit is available for this course.)  |
| <b>M241501<br/>*Ojibwemowin<br/>1A</b>                     | One semester | Curious about Ojibwemowin? Ojibwemowin 1A is an introduction to the Ojibwe language. Explore the language and start getting familiar with the Ojibwe-speaking world! Upon completion of Ojibwemowin 1a the student is eligible to take Ojibwemowin 1b in middle school or Ojibwemowin 1 in high school.<br>(No High School Credit is available for this course.)  |

**\*World Languages Note:** *Students may take a language 1A in 7th then proceed to the same language 1B in 8th grade. They may also choose to try a new language 1A in 8th grade. No high school credit given to middle school language. All students will be required to take a placement test when registering for advanced high school language courses.*

