

# Bagley Junior High School Registration Guide

**20256-20267**



*The mission of the Bagley Public Schools is to provide a learning environment which inspires and prepares each student to achieve his/her dreams, contribute to community, and engage in lifelong learning.*

## **7<sup>th</sup> GRADE REGISTRATION 2025<sup>6</sup>-2026<sup>7</sup>**

In 7<sup>th</sup> grade, students take:

- A full year of English
- A full year of Math (Pre-Algebra 7)
- A full year of Social Studies
- A full year of Science
- GTT and ~~Art~~ **MUSIC** (one trimester each)
- PE and Health (one trimester each)
- Basic Skills Math (one trimester each)
- Basic Skills Reading (one trimester each)

The above-mentioned courses are all required unless noted on a student's IEP or approved by the principal and/or counselor.

### **STUDENT CHOICE...**

Students can choose whether they want a full year of work period or if they want to take part in band and/or choir. Work period, band, and choir are all offered during the same period. Band and choir alternate days. Band is offered on Mondays, Wednesdays, and Fridays. Choir is offered on Tuesdays and Thursdays.

## **8<sup>th</sup> GRADE REGISTRATION 2025<sup>6</sup>-2026<sup>7</sup>**

In 8<sup>th</sup> grade, students take:

- A full year of English
- A full year of Math (Algebra 8)
- A full year of Social Studies
- A full year of Science
- Community & Culture, ~~General Music~~ Art (one trimester each)
- PE and Health (one trimester each)
- Basic Skills Math (one trimester each)
- Basic Skills Reading (one trimester each)

The above-mentioned courses are all required unless noted on a student's IEP or approved by the principal and/or counselor.

### **STUDENT CHOICE...**

Students can choose whether they want a full year of work period or if they want to take part in band and/or choir. Work period, band, and choir are all offered during the same period. Band and choir alternate days. Band is offered on Mondays, Wednesdays, and Fridays. Choir is offered on Tuesdays and Thursdays.

## **ART DEPARTMENT**

### **ART 7 JH Art**

GRADE 7

In this course, basic design, drawing, painting, and sculpture techniques will be explored. A concentration on the elements of design will be integrated into various art projects.

## **ENGLISH DEPARTMENT**

### **BASIC SKILLS READING 7**

GRADE 7

In this course, students will receive additional instruction in the Language Arts to bolster their skills and work on any areas in accordance to the Minnesota Language Arts standards.

### **BASIC SKILLS READING 8**

GRADE 8

In this course, students will receive additional instruction in the Language Arts to bolster their skills and work on any areas in need of remediation. All classwork is intended to help students prepare for the MCAIII Reading test given during the spring of the year.

### **ENGLISH 7**

GRADE 7

In English 7, students will work on improving their skills in reading, writing, spelling and grammar. Students will complete a novel study as well as learn more about literature, reading informational text, and writing, while keeping with the Language Arts 7 standards.

### **ENGLISH 8**

GRADE 8

English 8 covers various topics, including short stories, poetry, mythology, and MCA test preparation. Students will also read a novel and complete a research paper project as well as exercise spelling, grammar, and vocabulary skills.

## **HEALTH DEPARTMENT**

### **HEALTH 7**

GRADE 7

This course covers many different life skills topics, including healthy relationships, puberty, good hygiene, nutrition, bones, and muscles.

## **HEALTH 8**

### **GRADE 8**

In this course, students will learn about drug prevention, especially as it relates to tobacco and alcohol. First aid and CPR are also covered, as are a variety of life skills topics.

## **INDUSTRIAL TECHNOLOGY DEPARTMENT**

### **GTT 7 (Design and Modeling/DM)**

#### **GRADE 7**

In this course, students begin to recognize the value of an engineering notebook as a means to document and capture their ideas. They are introduced to (and use) the design process to solve problems and understand the influence that creative and innovative design has on our lives. In DM, students work with industry-standard 3D modeling software to create a virtual image of their designs and produce a portfolio to showcase their creative solutions.

### **GTT 8 (Automation and Robotics/AR)**

#### **GRADE 8**

In this course, students will learn about the history, development and influence of automation and robotics. Additional topics covered include: mechanical systems; energy transfer; machine automation; and computer control systems. In AR, students will use a robotics platform to design, build and program a solution to an existing problem.

## **MATH DEPARTMENT**

### **BASIC SKILLS MATH 7**

#### **GRADE 7**

~~In this course, students will receive additional practice in mathematics and one-on-one help as needed. The objectives covered parallel those delivered in pre-algebra 7 and are tailored to the MN State Academic Standards to bolster their skills and work toward proficiency in mathematics. Basic keyboarding skills and techniques are covered as a component of this course.~~

### **BASIC SKILLS MATH 8**

#### **GRADE 8**

~~In this course, students will receive additional instruction in mathematics tailored to the MN State Academic Standards to bolster their skills and work toward proficiency in mathematics. This course additionally covers Financial literacy and middle school economics.~~

### **PRE-ALGEBRA 7**

#### **GRADE 7**

~~This course covers the skills, tools, and number sense needed to succeed in Algebra with an emphasis on reasoning and problem solving. Students will learn operations with rational numbers, simplifying expressions and solving equations, rate (including an introduction to slope), ratio, proportion, use of formulas, and graphing.~~

Amplify Desmos Math Grade 7 is a student-centered, problem-based curriculum designed to build lifelong math proficiency through curiosity and exploration. The course follows the Illustrative Mathematics (IM) scope and sequence, combining conceptual understanding, procedural fluency, and real-world application. In Grade 7, students focus on four primary areas: Proportional Relationships (Developing an understanding of ratios and applying them to solve problems.), Rational Numbers & Algebra (Mastering operations with rational numbers and working with linear expressions and equations.), Geometry (Solving problems involving scale drawings, geometric constructions, and area, surface area, and volume of 2D/3D shapes.), Probability & Statistics (Drawing inferences about populations based on data samples.).

## **ALGEBRA 8**

### **GRADE 8**

~~Transitioning from arithmetic to algebra, attention shifts from the arithmetic operations (addition, subtraction, multiplication and division) to the use of properties of these operations. Simplifying expressions, as well as solving proportions, equations and inequalities, help to prepare students for functions in the world of linear algebra.~~

Amplify Desmos Math Grade 8 is a core curriculum that utilizes a structured, problem-based learning approach to develop lifelong mathematical proficiency. Based on the Illustrative Mathematics (IM) framework, the course integrates conceptual understanding, procedural fluency, and real-world applications through interactive digital tools and print resources. Instructional time focuses on three critical areas: Expressions and Equations (Formulating and reasoning about expressions, including modeling bivariate data with linear equations and solving systems of linear equations.), Functions (Grasping the concept of a function and using them to describe quantitative relationships.), Geometry & Real Numbers (Analyzing two- and three-dimensional figures using distance, angle, similarity, and congruence; understanding the Pythagorean Theorem; and working with irrational numbers.).

## **ADVANCED ALGEBRA 8**

### **GRADE 8**

~~Advanced Algebra 8 is for students who have a strong foundation in basic algebra and who are eager to learn new mathematical concepts. Students will use symbolic manipulation of expressions in order to solve problems, such as factoring, distributing, multiplying polynomials, expanding exponential expressions, etc. Students will solve equations and inequalities using techniques such as factoring, distributing, and completing the square. Recommendation based on test scores or otherwise demonstrated ability is required for placement in this class.~~

## **MUSIC DEPARTMENT**

## **JUNIOR HIGH BAND**

**GRADES 7 & 8**

In Junior High Band, students will learn to read music, play individual instruments, and work as a team to make music through performance.

## **JUNIOR HIGH CHOIR**

**GRADES 7 & 8**

In Junior High Choir, students will learn to read music, use proper singing techniques, and work as a team to make music through performance.

## **MUSIC-8<sup>7</sup>**

**GRADE-8<sup>7</sup>**

In Music-8<sup>7</sup>, students will learn about various music styles, genres, and periods of music. In addition, they will learn basic music theory and how to play guitar.

# **PHYSICAL EDUCATION DEPARTMENT**

## **PE 7**

**GRADE 7**

In this course, students will take part in a variety of fitness activities such as warm-ups, conditioning, weight training, stretching, and other activities each week. Students may take notes, do worksheets, journal, and take written tests. Students will also be assessed on various skills in conjunction with the Presidential Fitness Testing that takes place three times throughout the year.

## **PE 8**

**GRADE 8**

In this course, students will take part in a variety of fitness activities such as warm-ups, conditioning, weight training, stretching, and other activities each week. Students may take notes, do worksheets, journal, and take written tests. Students will also be assessed on various skills in conjunction with the Presidential Fitness Testing that takes place three times throughout the year.

# **SCIENCE DEPARTMENT**

## **SCIENCE 7**

**GRADE 7**

Life Science 7 is the study of living things and their relationship to the world. In this course, students will study the three Domains of Living Things (Archaea, Bacteria and Eukarya) as well as human interactions with living systems. Topics in this course include: cells and their functions; genetics; human body systems; evolution in living systems; interactions of living things; ecology; plants; animals; fungi; protists; bacteria;

and disease. Lab work includes: microscope investigations, dissections, probability, and nature walks. Each student will create a leaf collection using the MN Forests Tree Key.

## **SCIENCE 8**

### **GRADE**

Physical science is an introduction to physics, earth science, and chemistry. In this course, emphasis is placed on the practical applications of physics and chemistry, including studies involving earth processes, climate, the universe, and the environment.

## **SOCIAL STUDIES DEPARTMENT**

### **SOCIAL 7**

#### **GRADE 7**

Social Studies for 7th graders is primarily a survey of U.S. History beginning around the 1500s through the present time.

### **SOCIAL 8**

#### **GRADE 8**

Social 8 is the study of Human Geography, or the history and culture of people. It is also the study of Physical Geography, including the location of physical features; knowing the location of the countries around the world, and understanding the relationship of the different countries around the world.

## **COMMUNITY AND CULTURE**

### **GRADE 8**

Lessons and activities are focused on building school culture and a positive community. Students learn skills in socio-emotional development, digital media, building healthy relationships, mental wellness, **healthy choices and financial basics** and ~~positive study skills~~ that will prepare them for high school.

## **WORK PERIOD**

### **GRADES 7 & 8**

Work period is a privilege, not a right. Students must utilize work period as it is intended, which is for getting help with their studies and completing assignments. Parent/Guardian, counselor, and teacher permission are required if a student wishes to add a work period to his/her schedule after the start of a semester.