

**Jamesville – DeWitt Middle School**

**Grade Five**

**Academic Program Guide**



**2019 – 2020**

Dear Parents and Guardians,

We believe that a robust academic program challenges students to think deeply about what they are learning, inspires students to seek out new ideas, and prepares students for the challenges of the outside world. We want our children to excel as:

- **Communicators**
- **Collaborators**
- **Thinkers**
- **Problem Solvers**
- **Innovators**
- **Individuals committed to themselves and others**

With that in mind, our teachers work throughout the school year and over the summer to carefully design curriculum and units of study aligned with the New York State Common Core Learning Standard and the specific above mentioned values held by our unique Jamesville-DeWitt community. All of this work occurs with an eye towards enriching and enhancing the quality of student learning throughout our school.

If you have questions about any of our programs, please feel free to contact any member our our administrative curriculum team at **315-445-8360** as follows:

Principal Curriculum Leader: Andy Eldridge  
Vice Principal Curriculum Leaders: Kerri McKee & Mia Woolery  
Math Department Chairperson: Molly Anthony  
Science Department Chairperson: Anna Endreny  
E.L.A. Department Chairperson: Denise Stillitano  
LOTE Department Chairperson : Kitty Robinson  
Social Studies Department Chairperson: Kari Sebast

We are proud of the academic programs our school offers your children. We want Jamesville-DeWitt Middle School to be a place where learning is challenging, joyful, and inspiring for our students. At the same time, we always strive to improve the quality of our work with your children, and we are eager for your feedback and comments. As you continue your journey with us, please do not hesitate to reach out to me directly.

Sincerely,

*Andy Eldridge*

Principal

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# Grade 5: Program Overview



Our grade 5 program recognizes the developmental growth of our middle level students and is designed to challenge our students to take on coursework in a caring and supportive middle level atmosphere. As such, we continue to organize students on to teams, and we continue to focus on grade level essential questions that will prepare our students to be: **Communicators, collaborators, thinkers, problem solvers, innovators, and individuals committed to themselves and others.**

It is our goal to support our students as we want our 5<sup>th</sup> graders to be excellent readers, writers, and communicators, guaranteeing their success in high school and beyond. In addition, we will continually improve our educational program through the concurrent development and regular re-evaluation of a high quality standards-based curriculum, diverse extra-curricular programming, a comprehensive instructional delivery system, effective assessment methods and technological support for teaching and learning.

# Units of Study



## **Academic Core:**

- English Language Arts – 2 Units, 2 periods a day
- Mathematics – 2 Units, 2 periods a day
- Social Studies – 1 Unit, 1 period a day
- Science – 1 Unit, 1 period a day

## **Wellness:**

- Physical Education –  $\frac{1}{2}$  Unit, 1 period every other day for the entire school year

## **Fine Arts:**

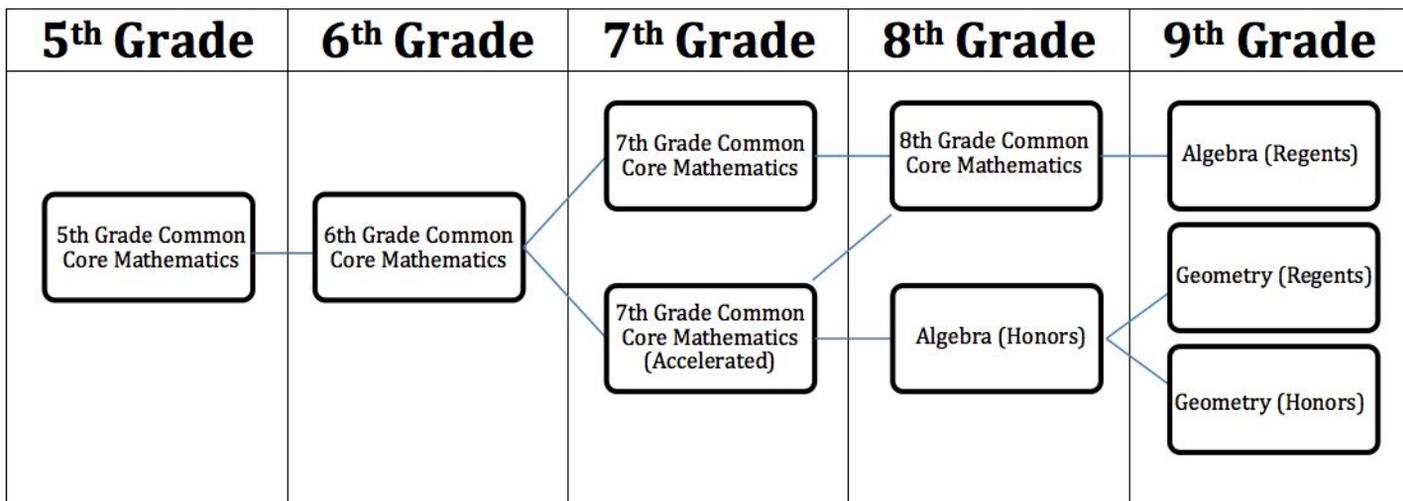
- General Music –  $\frac{1}{2}$  Unit, 1 period every other day for the entire school year
- Art –  $\frac{1}{2}$  Unit, 1 period every other day for the entire school year
- Technology –  $\frac{1}{4}$  Unit, 1 period every other day for half of the school year
- CTE FACS -  $\frac{1}{4}$  Unit, 1 period, every other day for half of the school year

## **Electives:**

- Band / Orchestra – 1 period every other day for the entire school year (weekly lessons)
- Chorus – 1 period every other day for the entire school year



# The Academic Core: Mathematics



The goal of the mathematics program at Jamesville-DeWitt is to provide a rigorous mathematics experience for all students, in accordance with NYS Common Core Standards, National Standards for Mathematics Education, and best practices in the teaching of mathematics. Students will learn to persevere as problem solvers and thinkers throughout their mathematics coursework at JDMS.

**Grade 5 Common Core Mathematics:** Fifth grade students receive a double block of mathematics instruction each day at JDMS. During this time they have the opportunity to delve deep into concepts like place value, patterns in the base ten number system, addition, subtraction, multiplication, and division of whole numbers, fractions, and decimals. Fluency in these operations will enable them to explore authentic real-world applications. Students will be exposed to two and three dimensional geometric figures as they classify them based on their attributes, and learn to conceptualize their area and volume. Lastly, students will be introduced to the Cartesian plane in order to build a solid foundation for the rest of their mathematics career.

**Prerequisites: Successful completion of 4<sup>th</sup> Grade Common Core Mathematics.**





# Wellness: Physical Education

<b>Unit Themes</b>		
Fitness	Aquatics	Striking/Fielding Sports
Project Adventure	Team Passing Sports	Personal Performance
Net & Wall Activities	Target Activities	Dance/Aesthetic Movement

<b>Physical Education Participation Proficiencies/Student Targets</b>
Develop and consistently demonstrate appropriate dress and participation.
Develop and demonstrate at a novice skill level, basic skills in as many kinds of activities as possible.
Develop and consistently demonstrate good sportsmanship.
Continually develop good safety habits while playing sports and partaking in physical activity.
Develop physical fitness by partaking in activities, which enhance their endurance, coordination, strength, agility, and speed.
Develop and consistently demonstrate appropriate decision making ability and accepting responsibility.
Perform and develop the areas of flexibility, abdominal, upper body strength, agility, and endurance.
Demonstrate the ability to work cooperatively with peers and teachers through a variety of physical activities.

\*Students will need to bring a change of clothes and wear sneakers to Physical Education. There are no Physical Education locker or locks. Students will need to bring their clothes to and from Physical Education.

## Fine Arts: General Music & Art



**Grade 5 General Music:** In Fifth Grade General Music, students are given the opportunity to engage with the elements of music in a variety of ways including: singing; moving; playing instruments; improvising; composing; and listening. Students are given the opportunity to explore music from many cultures throughout the year, with a special focus on American folk, art, and popular music, and American composers. A special emphasis is placed on music literacy, and students are expected to read both rhythmic and melodic notation from the treble staff using the voice, soprano recorder, and pitched percussion. Fifth Grade General Music classes meet every other day throughout the year.

### **Grade 5 Art:**

Fifth grade Art students meet every other day for the entire school year. Students will learn techniques in a variety of media including colored pencil, pastel, tempera paint, watercolor paint and clay. They will work on growing their art skills while being encouraged to use their own artistic vision to create original and unique artworks. Students will learn and use art vocabulary including the Elements of Art. They will practice assessing their own work as well giving positive feedback to their peers. Students will have the opportunity to display their work at Kaleidoscope night here at the middle school in the spring.

# Technology



*Technology education uses computational studies, and language arts in a hands-on, systems-based approach to problem solving. It guides students in the understanding, design, and development of systems, devices, and products to serve human needs and wants. Students will learn the fundamentals of design and materials processing through the use of hands-on activities. Learning the safe use of hand and power tools will enable our students to construct their designs. They will learn to use the computer as a tool by completing activities that include laser cutting, 3D printing, and robotics. Students that develop their problem solving skills in technology education will be better prepared for their future in any area of study. Hands on activities will focus on increasing student's technical literacy and encourage them to pursue careers in the Science, Technology, Engineering, and Mathematics fields.*

## **Technology Grade 5:**

Students in 5th grade technology will learn about what technology is and the resources needed to create it. After the students have learned some basic computer skills like keyboarding, they will apply those skills to reading and writing code. Through the use of our school's technology students in the 5th grade will learn about professions in technology and how it impacts their lives.

## Electives: Band, Orchestra, Chorus



**Grade 5 Band:** Band is an elective, full-year course. The bands at JDMS are performing ensembles consisting of members of the woodwind, brass, and percussion families of instruments. Band meets every other day (in addition to weekly group lessons) and all band students are expected to perform in their respective ensemble's concerts. In addition, musical growth and achievement are encouraged through participation in NYSSMA Solo Festival, All County Band, Jazz Ensemble, and Pit Band.

**Grade 5 Orchestra:** The Jamesville Dewitt Fifth grade orchestra consists of the students have played a string instrument in 4<sup>th</sup> grade and a few of the students are beginners. Orchestra meets every other day. Students in the orchestra will work on techniques and develop skills to perform in the ensemble. Concerts are a mandatory part of the orchestra program.

**Grade 5 Chorus:** Fifth Grade Chorus is an extension of the general music classroom, with a focus on developing musicality and music literacy through singing and performing as an ensemble. Throughout the year, students sing unison, two-part, and three-part music from a variety of historical periods and cultures, while developing an understanding of personal responsibility and what it means to make music with others. Fifth Grade Chorus rehearses every other day throughout the school year, and gives three concerts annually.

# Student Services



**Grade 5 Academic Intervention Services:** To increase student learning in all curricular areas, staff engage in ongoing analysis of multiple sources of student data resulting in modification of instruction and instructional resources. Instruction will be differentiated for students where a gap exists between their performance and the performance of the total population. Success will be evaluated based upon positive trends in student data. Academic Support Services are used to strengthen students' skills as well as build confidence with academics. Students attend Academic Intervention Services every other day in a small group setting. We use this time to reinforce basic skills, reteach concepts, and help students grasp new material when introduced in the classroom.

**Jamesville-DeWitt Middle School Goal:** We will continue to use STAR Reading and grade book to create academic intervention priorities. We will use STAR Mathematics data to create intervention priorities within the classroom. We will continue to use the academic data from individual students to improve remediation and pre-teaching opportunities.

# Counseling Services

**OUR MISSION:** The mission of the counseling staff at Jamesville-DeWitt Middle School is to provide high quality, comprehensive, school counseling services to all students. Our programs are designed to help all students develop and enhance their academic, social and personal strengths in order to become responsible and successful students.

The middle school years are characterized by the term "transition." During these years, students experience more physical and emotional changes than in any other year other than infancy. The middle school counselors assist students, parents, and staff in dealing with this transitional phase. Programs in the middle school assist students in:

- Making choices and dealing with changes
- Setting goals
- Organizing information
- Learning about themselves and dealing with personal relationships
- Developing skills related to decision making and problem solving

The middle school counselor's role encompasses coordination, consulting, and counseling. Coordination involves managing various aspects of services that help students succeed. Consultation is a key vehicle used to address the needs of the emerging adolescent student. The middle school counselor consults with parents, teachers, other educational professionals on personal, social, and academic matters. The school counselor delivers services through a variety of methods such as individual counseling, small group counseling, and classroom activities and lessons. In any counseling situation the particular topics presented or discussed are based upon the needs of the students.

Parents are encouraged to contact their child's counselor if they have concerns about their progress or well being. By working closely together, parents, counselors, and teachers can help students achieve success.