



Mannheim District 83 Eighth Grade Parent Curriculum Guide

**Mannheim District 83
Administration Center**
10401 West Grand Avenue
Franklin Park, IL 60131
P: 847.455.4413
F: 847.451.2703

**Enger
School**
10401 West Grand Avenue
Franklin Park, IL 60131
P: 847.455.5299
F: 847.455.2092

**Mannheim
Early Childhood Center**
101 West Diversey Avenue
Northlake, IL 60164
P: 847.455.3611
F: 847.455.0143

**Mannheim
Middle School**
2600 Hyde Park Avenue
Melrose Park, IL 60164
P: 847.455.5020
F: 847.455.2038

**Roy
Elementary School**
533 North Roy Street
Northlake, IL 60164
P: 847.451.2700
F: 708.562.9819

**Scott
Elementary School**
2250 North Scott Street
Melrose Park, IL 60164
P: 847.455.4818
F: 847.455.2039

**Westdale
Elementary School**
99 West Diversey
Northlake, IL 60164
P: 847.455.4060
F: 847.455.2050

This Parent Curriculum Guide provides a basis for strengthening the partnership between school, home, and community. We believe an effective partnership cannot exist without parent awareness and support for the skills, knowledge and understandings that represent the learning goals for every child at each grade.

Our Mannheim District 83 learning expectations align with the Illinois Common Core Standards, and our vision, mission, and core beliefs.

Our comprehensive curriculum includes: art, health education, information literacy, language arts, mathematics, music education, physical education, reading, science, social and emotional learning, social studies, and writing.

Working together, we can assure that our students will experience success academically, socially, and emotionally by engaging in our comprehensive curriculum.

Sincerely,

Dr. Diego Giraldo
Superintendent



Mannheim School District 83 Board of Education

Vision:

All children can and will learn.

Mission:

We seek to develop a passion for learning in a creative, safe, and nurturing environment.

Core Values:

- Education of the whole child
- Dedicated teaching and meaningful learning
- Appreciation and power of diversity
- Highly qualified staff
- Respect for second language learning
- Power of differentiated teaching/learning
- Significance of research-based instruction
- Recognition of and provision for individual differences
- Belief in the power of developing an informed citizenry
- Parental involvement that supports educational partnerships
- Monitoring financial solvency for future planning
- Lifelong learning for continued growth of staff and students



Mannheim District 83 Eighth Grade Parent Curriculum Guide

English Language Arts and Literacy

The Mannheim District 83 English/Language Arts (ELA) curriculum includes the following components: reading, writing, listening and speaking, and information literacy. The standards listed here are expectations for students to demonstrate mastery by the end of their grade level. Students will:

- Read literature from different genres and be able to: cite textual evidence that most strongly supports an analysis of what the text explicitly says as well as supports their inferences; determine a theme or central idea and analyze how that idea is developed within the text; determine word meanings including figurative and connotative meanings; compare and contrast text structure and how that contributes to the meaning and style of a piece; analyze how points of view of characters can contribute to suspense and humor in a story; and analyze how modern works can derive from older stories to be rendered in a new way
- Read informational text and be able to: cite textual evidence that most strongly supports an analysis of what the text explicitly says and inferences drawn from the text; determine the meanings of words or phrases, including figurative and connotative, and technical meanings; analyze how an author responds to conflicting viewpoints or evidence based upon the author's point of view; evaluate arguments presented in a text; and analyze cases in which two or more texts provide conflicting information on the same topic
- Write informative/explanatory, narrative, and opinion pieces that have a clear topic and focus, are organized, provide arguments or details to support claims, establish and maintain a formal style, and provide a concluding statement or section that follows the information presented
- Develop and strengthen their writing by planning, revising, editing, rewriting, or trying a new approach in order to produce clear and coherent writing appropriate the task, purpose, or audience, with some guidance and support from peers and adults
- Gather relevant research information from multiple print and digital sources and write about a topic that will be assessed for credibility and accuracy

Mathematics

The Mannheim District 83 Mathematics curriculum includes the following components: Geometry (Gr. K-8), Ratios and Proportional Relationships (Gr. 6-7), The Number System (Gr. 6-8), Expressions and Equations (Gr. 6-8), Statistics and Probability (Gr. 6-8), and Functions (Gr. 8). The standards listed here are expectations for students to demonstrate mastery by the end of their grade level, and are derived from the Common Core State Standards for Mathematics. Students will:

- Know that there are numbers that are not rational (irrational numbers), and approximate them to rational numbers
- Work with radicals and integer components
- Understand the connections between proportional relationships, lines, and linear equations
- Analyze and solve linear equations and pairs of simultaneous linear equations
- Define, evaluate, and compare functions and use functions to model relationships between quantities
- Understand congruence and similarity using physical models, transparencies, or geometry software
- Understand and apply the Pythagorean Theorem
- Solve problems involving the volume of cylinders, cones, and spheres
- Investigate patterns of association in bivariate data (e.g. – using scatter plots to describe patterns such as clustering and outliers)

Science

The Mannheim District 83 Science curriculum provides for our students the opportunity to explore and discover each of the four sciences: physical science; earth and space science; life science; and engineering, technology, and applications of science. Students will:

- Be able to explain how the materials in and on Earth's lithosphere and asthenosphere change over time
- Develop an understanding of how water influences weather, circulates in oceans, and shapes the surface of the Earth
- Learn and be able to describe how people figure out that the Earth and life on Earth have changed over time, and how the movement of tectonic plates impacts the surface of the Earth
- Describe the Earth's place in the Universe, and what makes up our solar system, and how the motion of Earth explains seasons and eclipses
- Explain what factors interact and influence weather and climate
- Discover how natural hazards can be predicted and how human activities affect Earth systems



Mannheim District 83 Eighth Grade Parent Curriculum Guide

Social Studies

The Mannheim District 83 Social Studies program is designed to help students understand the world around them and the way it affects their own lives. The goals of the program focus upon helping children prepare for their future. The study of citizenship, culture, geography, history, economics, and civics and government play an important part in the District 83 Social Studies curriculum. Students will:

- Develop essential questions, gather relevant information from credible sources in developing and planning inquiries and communicating their conclusions to others
- Describe the origins, purposes, and impact of constitutions, laws, treaties, and international agreements
- Explain how humans and their environment affect one another
- Describe the roles of institutions, such as corporations, non-profits, and labor unions in a market economy
- Analyze multiple factors that influenced the perspectives of people during different historical eras
- Explain multiple causes and effects of historical events

Health and Wellness

Mannheim District 83 provides a comprehensive Health and Wellness curriculum for students in each grade to promote healthy behavior and choices for our students. Students will:

- Understand the physical and emotional changes to the human body from puberty
- Understand the human reproductive system
- Understand the basic tenets of child development and the proper care of a child

Social and Emotional Learning

Social and Emotional Learning (SEL) is the process through which children develop awareness and management of their emotions, maintain positive relationships, and demonstrate decision-making and responsible behaviors to achieve school and life success. SEL competencies have been shown to improve students' readiness to learn and academic performance, and are an important part of our curriculum. Students will:

- Apply group communication, empathy, active-listening, perspective-taking, and assertive communication skills
- Identify strategies to deal with bullying and helping others who are bullied
- Understand what happens to their brains and bodies when they experience strong emotions to assist with emotion management
- Identify the personal, health, and social consequences of substance abuse and identify skills that will help them maintain their commitments and goals



Mannheim District 83 Eighth Grade Parent Curriculum Guide

Art

Mannheim District 83 provides a comprehensive Fine Arts curriculum for students in grades 1-8. This comprehensive arts education program provides our students access to the arts through creation, performance, and study. Students will:

- Identify the elements of line, shape, space, color, and texture; the principles of repetition and pattern; and the expressive qualities of mood, emotion, and pictorial representation
- Demonstrate knowledge and skill to create visual works of art using manipulation, eye-hand coordination, building, and imagination
- Analyze how the elements and principles can be organized to convey meaning through a variety of media and technology
- Apply art creation skills by experiences in drawing, two-point perspective, figure drawing, painting, and sculpture

Music

Music education in Mannheim District 83 offers children experiences that develop an understanding of and appreciation for the art of music. Classroom activities that encompass the elemental, historical, theoretical, multi-cultural, aesthetic, and technological aspects of music are designed to develop positive musical attitudes, as well as listening, performance, and evaluative skills. Students will:

- Experience the basic elements of music which include: rhythm, melody, harmony, form, and tone color
- Experience music written in different styles, and musical selections from various historical periods and cultures
- Understand and create basic music notations
- Create basic musical compositions that reflect a knowledge of rhythmic, melodic, harmonic style, and contain expressive elements

Physical Education

Physical education is an integral part of our education program that contributes to the total growth and development of children through physical movement. The physical education curriculum in Mannheim District 83 was designed to provide all students with a wide variety of movement learning experiences. Students will:

- Learn more advanced skills for refinement, application, and use of skills in sports, routines, and compositions
- Identify an understanding of physical fitness and create personal fitness goals
- Have the opportunity to experience a wide variety of physical fitness activities that include: badminton, basketball, dance, gymnastics, soccer, softball, swimming, personal fitness and weight training, and recreational games

Exploratory

The Exploratory curriculum at Mannheim Middle School introduces students to 9-week mini-courses that are connected to career possibilities in the areas of science, technology, and food service as well as basic life skills such as carpentry, plumbing, and electrical work. In addition, students are exposed to music, art, and foreign languages (Spanish and French) during their exploratory period during the course of a school year. Eighth grade students select elective courses that extend the experiences they had in previous grades and allow them to explore areas that peak their interest. The courses that are offered are as follows:

6th and 7th Grade

- Computer Applications
- Foods
- Life Skills (Basic Carpentry, Plumbing, etc.)
- S.T.E.M: Science, Technology, Engineering, and Math
- Music and Theater
- Art
- Foreign Language

8th Grade Electives

- Computer Applications
- Clothing and Textiles
- 3-D Art
- S.T.E.M: Science, Technology, Engineering, and Math
- Drawing
- Theater 101
- Foreign Language