



Mannheim District 83

Fourth Grade

Parent Curriculum Guide

**Mannheim District 83
Administration Center**
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**Enger
School**
10401 West Grand Avenue
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P: 847.455.5299
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**Mannheim
Early Childhood Center**
101 West Diversey Avenue
Northlake, IL 60164
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**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
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**Scott
Elementary School**
2250 North Scott Street
Melrose Park, IL 60164
P: 847.455.4818
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Elementary School**
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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



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English Language Arts and Literacy

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:

- Describe characters, settings, or events; compare a narrator's point of view; use text evidence when making inferences; and compare and contrast themes in two texts
- Explain events, procedures, or concepts in a text; use text evidence when making inferences; describe the text organization; and interpret visual and written information
- Engage in collaborative discussion to deepen their understanding of and the meaning of text
- Produce informative, explanatory, narrative, and opinion writing with a clearly defined topic, supportive reasoning or details, and provide closure
- Organize ideas, plan, revise, and edit their written work using technology tools to support this process or create presentations when appropriate
- Analyze information for point of view, accuracy, and completeness when considering source material

Mathematics

The Mannheim District 83 Mathematics curriculum includes the following components: Counting and Cardinality (Gr. K), Operations and Algebraic Thinking (Gr. K-5), Number and Operations in Base Ten (Gr. K-5), Measurement and Data (Gr. K-5), and Geometry (Gr. K-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:

- Use the four operations with whole number to solve problems
- Find factor pairs for whole numbers in the range of 1-100
- Use place value understanding and properties of operations to perform multi-digit addition
- Apply the principles of fractions for ordering and equivalency, and understand decimal notation for fractions
- Understand the concepts and angles and measure angles using a protractor
- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit that may include: km, m, cm; kg, g; lb, oz.; l, ml; hr, min, and sec.
- Draw and identify lines and angles, classify shapes by properties of their lines and angles, and draw and identify lines of symmetry in two-dimensional figures

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:

- Describe what waves are and what they can do, and use a model of waves to describe patterns of waves in terms of amplitude and wavelength
- Be able to explain how water, ice, wind, and vegetation change the land
- Develop an understanding that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction
- Be able to use evidence to construct an explanation of the relationship between the speed of an object and the energy of that object
- Develop an understanding that energy can be transferred from place to place by sound, light, heat, and electric currents or from object to object through collisions
- Analyze and interpret data from maps to describe patterns of Earth's features



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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 questions, plan inquiries, and communicate conclusions
- Explain how rules and laws change society and how people change rules and laws in Illinois
- Analyze how the cultural and environmental characteristics of places in Illinois change over time
- Describe the physical and human features of the different regions of the United States
- Describe how goods and services are produced, and analyze how spending choices for these things are influenced by price as well as many other factors (e.g. advertising, options, etc.)
- Using artifacts and primary sources, investigate how individuals contributed to the founding and development of Illinois, and explain probable causes and effects of events and developments in Illinois history

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:

- Demonstrate the ability to practice health-enhancing behaviors and reduce health risks, and identify ways to improve health and wellness
- Describe how the human body system is organized and explain how body systems work together
- Describe the harmful effects of alcohol, tobacco, and other drugs on a person's health and wellness
- Learn about safety rules for home and school

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:

- Demonstrate listening with attention skills
- Identify clues that help them recognize other people's feelings, and give possible responses for multiple feelings
- Identify and demonstrate skills for successfully joining a group
- Apply what they've learned about calming down to anxiety-provoking scenarios, including academic challenges
- Demonstrate the ability to use the Second Step Problem Solving Steps (say the problem, think of solutions, explore consequences, and pick the best solution)
- Identify strategies to deal with bullying and helping others who are bullied



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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
- Apply art creation skills by experiences in drawing, painting, printmaking, sculpture creation, ceramics, and textiles

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 an introduction to the basic elements of music, which include: rhythm, melody, form, and tone
- Experience music written in different styles, and musical selections from various historical periods and cultures
- Be exposed to basic music notations
- Respond to aesthetic qualities of music
- Experience the elements of music on recorders

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:

- Develop perceptual motor skills through varied experiences that include: gymnastics, dance and rhythm activities, games and sports, and varied physical fitness activities
- Identify an understanding of physical fitness and create personal fitness goals
- Develop basic sports skills and knowledge that includes good sportsmanship
- Be provided swimming instruction based on their level of competency