

YEARLONG COURSES

(Meet every day)

LANGUAGE ARTS

Literature

1. Comprehend the literal and inferred meaning of texts.
2. Determine the meaning of words and phrases; analyze the impact of rhyme and rhythm.
3. Analyze how form or structure contribute to meaning.
4. Analyze how an author develops and contrasts points of view.
5. Read grade appropriate texts with comprehension, accuracy, and fluency.
6. Self-select texts and read widely to understand multiple viewpoints.

Informational Text

1. Comprehend the explicit and inferred meaning of texts.
2. Determine the meaning of words and phrases; analyze the impact of word choice on meaning and tone.
3. Analyze the structure used to organize a text.
4. Determine an author's point of view or purpose.
5. Read grade appropriate texts with comprehension, accuracy, and fluency.
6. Self-select texts for enjoyment and academic tasks.

Writing

1. Write arguments, informative/explanatory texts, and narratives.
2. Use a writing process to develop and strengthen writing.
3. Use technology, including the Internet, to publish writing, including linking to and citing sources.
4. Conduct short research projects to answer a question.
5. Gather relevant information from multiple sources and assess the credibility of the sources.
6. Draw evidence from texts to support analysis, reflection, and research.
7. Write routinely over shorter and extended time frames.

Speaking, Viewing, Listening and Media Literacy

1. Engage effectively in a range of collaborative discussions.
2. Analyze main ideas and details presented in diverse media and formats.
3. Evaluate the reasoning and relevance of speakers' arguments and claims.
4. Present findings emphasizing points in a focused manner.
5. Include multimedia components and visual displays in presentations.
6. Adapt speech to a variety of contexts, audiences, and tasks.
7. Understand, analyze, and use different types of print and digital media.
8. Create an artistic or entertaining multimedia work.

Language

1. Demonstrate command of English grammar when writing or speaking.
2. Demonstrate command of writing conventions: capitalization, punctuation, and spelling.

3. Use knowledge of language and its conventions when writing, speaking, reading, or listening.
4. Determine or clarify the meaning of unknown words and phrases.
5. Demonstrate understanding of figurative language and word relationships.
6. Acquire and use academic and domain-specific vocabulary.

MATHEMATICS

1. Read, write, represent and compare positive and negative rational numbers, expressed as integers, fractions and decimals.
2. Calculate with positive and negative rational numbers, and rational numbers with whole number exponents, to solve real-world and mathematical problems.
3. Understand the concept of proportionality in real-world and mathematical situations, and distinguish between proportional and other relationships.
4. Recognize proportional relationships in real-world and mathematical situations; represent these and other relationships with tables, verbal descriptions, symbols and graphs; solve problems involving proportional relationships and explain results in the original context.
5. Apply understanding of order of operations and algebraic properties to generate equivalent numerical and algebraic expressions containing positive and negative rational numbers and grouping symbols; evaluate such expressions.
6. Represent real-world and mathematical situations using equations with variables. Solve equations symbolically, using the properties of equality. Also solve equations graphically and numerically. Interpret solutions in the original context.
7. Use reasoning with proportions and ratios to determine measurements, justify formulas and solve real-world and mathematical problems involving circles and related geometric figures.
8. Analyze the effect of change of scale, translations and reflections on the attributes of two-dimensional figures.
9. Use mean, median and range to draw conclusions about data and make predictions.
10. Display and interpret data in a variety of ways, including circle graphs and histograms.
11. Calculate probabilities and reason about probabilities using proportions to solve real-world and mathematical problems.

Resources: Math Course 3 © 2005 McDougal Publishing; Accelerated Math: Pre-Algebra © 2005 McDougal Publishing

Home/School Connection: McDougal www.classzone.com

Units of Study: Number Sense & Algebraic Thinking, Decimal Operations, Data & Statistics, Number Patterns & Fractions, Integers, Equations & Inequalities, Circles & Square Roots, Ratios & Proportions, Percents, Surface Area, MCA Prep & Testing

SCIENCE: LIFE SCIENCE

1. Understand that science is a way of knowing about the natural world that is characterized by empirical criteria, logical argument and skeptical review.
2. Understand that scientific inquiry uses multiple interrelated processes to investigate questions and propose explanations

about the natural world.

3. Understand that current and emerging technologies have enabled humans to develop and use models to understand and communicate how natural and designed systems work and interact.
4. Understand that matter is made up of atoms and molecules provide the basis for understanding the properties of matter.
5. Understand that tissues, organs and organ systems are composed of cells and function to serve the needs of all cells for food, air and waste removal.
6. Understand that all organisms are composed of one or more cells which carry on the many functions needed to sustain life.
7. Understand that natural systems include a variety of organisms that interact with one another in several ways.
8. Understand that the flow of energy and the recycling of matter are essential to a stable ecosystem.
9. Understand that reproduction is a characteristic of all organisms and is essential for the continuation of a species. Hereditary information is contained in genes which are inherited through asexual or sexual reproduction.
10. Understand that individual organisms with certain traits in particular environments are more likely than others to survive and have offspring.
11. Understand that human activity can change living organisms and ecosystems.
12. Understand that human beings are constantly interacting with other organisms that cause disease.

Resources: Science & Technology: Life Science © 2007 Holt Publishing
Units of Study: Nature of Science, Cells, Genetics, Diversity of Life, Ecology

SOCIAL STUDIES: AMERICAN HISTORY

1. Participate in civic discussion on issues in the contemporary United States.
2. Identify examples of how principles expressed in the Declaration of Independence and Preamble to the Constitution have been applied.
3. Explain landmark Supreme Court decisions involving the Bill of Rights and other individual protections.
4. Describe the components of responsible citizenship.
5. Compare and contrast the rights and responsibilities of citizens, non-citizens and dual citizens.
6. Describe historical applications of the principle of checks and balances within the United States government.
7. Analyze how the Constitution and the Bill of Rights limit the government and the governed.
8. Describe diplomacy and other foreign policy tools.
9. Describe how the interaction of buyers and sellers determines price in a market.
10. Compare and contrast the distribution and political status of indigenous populations in the United States and Canada.
11. Understand Expansion and Reform: 1792-1861.
12. Understand the Civil War and Reconstruction: 1850-1877.
13. Understand the development of an Industrial United States: 1870-1920.
14. Understand the Great Depression and World War II: 1920-1945.

15. Understand post-World War II United States: 1945-1989.
16. Understand the United States in a New Global Age: 1980-present.

Resources: Resources: The American Journey © 2005 Glencoe Publishing

Home/School Connection: www.glencoe.com

ROTATIONAL COURSES

(PE and The Arts meet every other day all year)

PHYSICAL EDUCATION & WELLNESS

1. Demonstrate competency in a variety of motor skills and movement patterns.
2. Apply knowledge of concepts, principles, strategies and tactics to movement and performance.
3. Demonstrate the knowledge and skills to achieve and maintain a health-enhancing level of physical activity and fitness.
4. Exhibit responsible personal and social behavior that respects self and others.
5. Recognize the value of physical activity for health, enjoyment, challenge, self-expression, and social interaction.

VISUAL ARTS

(or BAND, CHOIR, ORCHESTRA)

1. Knowledge of line, shape, color, space, value, texture and the balance, variety, unity, rhythm, eye movement, and emphasis.
2. Knowledge of photography techniques.
3. Knowledge of Photoshop and its capabilities.
4. Knowledge of drawing techniques.
5. Knowledge of painting techniques.
6. Knowledge of artists, artistic styles, and their art history in respect to our projects.

EXPLORATORY COURSES

(Meets every day for 12 weeks)

HEALTH

1. Comprehend concepts related to health promotion and disease prevention to enhance health.
2. Analyze the influence of family, peers, culture, media, technology, and other factors on health behavior.
3. Demonstrate the ability to access valid information and products and services to enhance health.
4. Demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risks.
5. Demonstrate the ability to use decision-making skills to enhance health.
6. Demonstrate the ability to use goal-setting skills to enhance health.
7. Demonstrate the ability to practice health-enhancing behaviors and avoid health risks.

8. Demonstrate the ability to advocate for personal, family, and community health.

Resources: Decisions for Health Level Blue © 2007 by Holt

Units of Study: Bus Safety, Health & Wellness, Making Healthy Decisions, Stress Management, Mental & Emotional Health, Body Systems, Sports & Conditioning, Eating Responsibly, Stages of Life, Adolescent Growth & Development, Bldg Responsible Relationships, Conflict Management, Preventing Abuse & Violence, Tobacco & Alcohol, Medicine & Illegal Drugs, Infectious & Noninfectious Diseases, Safety, Health & the Environment

MULTIMEDIA

Topics of Study May Include: Podcasting, Photography, Time Machine, Web Development, Photoshop, Microsoft Office Suite

TECHNOLOGY & ENGINEERING

1. Explore manufacturing, communication, construction, and energy and power and transportation systems.
2. Explore the different materials that are used in industry (wood, metal, plastics, and earthen materials).
3. Develop skills for hands-on problem solving in the manufacture of a wood project.
4. Learn the importance of & demonstrate safety in the technology lab.
5. Develop mechanical drawing abilities and learn the basics of Computer Aided Design.
6. Design and build different projects using learned problem solving skills.

Resources: Project Lead the Way

TESTING REQUIREMENTS AND SCHEDULE

Minnesota Comprehensive Assessment (MCA):

MCA III Reading – April

MCA III Mathematics – April

STAR:

STAR Reading Test

STAR Mathematics Test

FORESTVIEW MIDDLE SCHOOL

12149 Knollwood Drive

Baxter, MN 56425

218-454-6000

To view the entire set of MN Academic Standards visit MDE at <http://education.state.mn.us> or www.isd181.org or call 218-454-6970.

CURRICULUM STANDARDS

GRADE 7



2022-2023