

**WOODLAND
ELEMENTARY SCHOOL**

2007-2008

**CURRICULUM
PROFILE**

3rd

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Elementary School West**

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The 3rd grade student's day includes time for large group activities, small group activities, and individual self-directed activities that provide the children with truly integrated experiences.

The skills listed in each subject area provide a framework for classroom expectations. We recognize that children learn in different ways at different paces. Your child's teacher will be able to differentiate instruction on the basis of your child's interests within the subject, readiness for learning and learning style. Teachers use a variety of methods for assessing your child's learning.

If you have questions about what is taught in your child's classroom, please contact the teacher, the principal or the Department of Curriculum, Instruction and Accountability.

Subject Areas:

- **Language Arts**
- **Social Studies**
- **Mathematics**
- **Science**
- **Physical Education**
- **Health**
- **Technology**
- **Art**
- **Music**

**WOODLAND SCHOOL
DISTRICT 50
1105 N. HUNT CLUB ROAD
GURNEE, IL 60031**

Language Arts

Reading

- Read to gain information
- Apply phonics elements and context to decode words while reading
- Use appropriate resource materials
- Identify and compare characters, setting, events, problems and solutions
- Summarize or retell the main idea of a piece of text
- Make predictions based on author's information and prior knowledge
- Increase vocabulary and meaning using root/base words, compounds and picture clues
- Identify fiction, non-fiction and biographies

Speaking

- Read aloud applying fluency strategies and inflection
- Use appropriate language and logical thought to ask and answer questions
- Use language to communicate ideas, inform, socialize and express feelings

Writing

- Write a friendly letter and thank you letter
- Use the writing process to write narrative, expository and persuasive essays
- Write in paragraphs with main idea, support, correct order, transitions and closure
- Write on a self-selected or prompted topic
- Write in cursive style
- Spell words correctly following double consonants, prefix/suffix and blends
- Write Standard English in a grammatical, well-organized and coherent manner using appropriate punctuation, capitalization and verb tense

Listening

- Exhibit appropriate listening behaviors
- Identify the main idea of an oral passage
- Differentiate fact from opinion
- Identify differences in an oral message
- Follow oral directions

Social Studies

Units

- Government
- Pioneers
- Chicago

Geography

- Explain the effects of society's development on the Earth's geography
- Locate states, cities, capitols, landforms and bodies of water on a map or globe
- Create a map on a grid and measure distance using a bar scale
- Describe how the development of cities are affected by geography
- Predict where people might choose to live using a map showing rivers, lakes, marshes, plains and mountains
- Identify examples of how the physical environment is harmed or helped by human activities

Government

- Name and explain the three branches of government
- Describe the major services provided by the government to all US citizens
- Explain the reasons for laws governing the lives of people
- Identify historical figures and reasons behind forming a government
- Describe voting, political parties, serving on juries, reason for taxes, and democracy
- Explain values that have formed the foundation of the American democratic system

History

- Explain how the Westward Movement contributed to the growth of the western US
- Relate life in the nineteenth century to life in the present
- Define and give examples of fads and their impacts on society
- Understand the importance of national holidays, Declaration of Independence, Pledge of Allegiance and The Star Spangled Banner
- Compare effects of industrialization and technology on society in the 19th century to the present

Economics

- Describe goods and services and how they relate to the economy of the US
- Differentiate between private and public property
- Explain how governments use taxes
- Explain why a choice must be made given limited resources and alternative uses of resources
- Describe the law of supply and demand

Social Systems

- Describe the concepts of conflict and cooperation
- Explain how American culture has changed over time
- Define culture and ethnicity and compare/contrast the terms
- Explain the significance of the cultural diversity of Chicago

Mathematics

Number Sense and Computation

- Represent, order, and compare whole numbers to demonstrate an understanding of the base ten number system
- Describe the relationship between two sets using $<$, $>$, and $=$ (not equal to)
- Select and use efficient strategies to add and subtract larger numbers
- Demonstrate the relationship between multiplication and division
- Develop fluency with basic multiplication and division facts
- Estimate and compute using mental math, paper and pencil strategies, and/or calculators
- Represent, order, label, and compare common fractions

Measurement, Time and Money

- Measure objects using standard units for length, weight, capacity, and volume (e.g. centimeters, liter, gram, cubic units, etc.)
- Perform simple unit conversions within a system of measurement (e.g. three feet is the same as one yard)
- Show and explain perimeter and area of an object
- Estimate standard measurements and determine acceptable levels of accuracy
- Explain and make change from a given amount using bills and coins
- Tell time to the minute using an analog clock
- Determine elapsed time between events
- Select an appropriate tool for measurement

Algebraic Thinking

- Create a pattern given a set of criteria
- Solve problems and justify solutions using patterns
- Represent the idea of a variable as an unknown quantity using a letter or a symbol in a numerical sentence
- Express mathematical relationships using equations that include variables

Geometry

- Recognize, draw and build regular and irregular polygons
- Investigate and predict the results of putting together and taking apart three-dimensional shapes
- Predict and describe the results of slides, flips, and turns of two-dimensional shapes
- Specify locations using a coordinate system
- Describe the difference between congruence and similarity

Data and Probability

- Determine the median of data on a graph
- Create and administer a survey that answers real life questions considering how many and what kind of questions will be asked and how the questions will be recorded
- Create and perform a simple probability experiment and record the results

Science

In each unit (one physical science unit, one life science unit and one earth science unit), students are involved in hands-on, inquiry-based investigations.

Forces, Motion and Simple Machines

- Observe that force is a push or a pull and that it can be measured by measuring with spring scales
- Discover gravity is a force by measuring earth's pull on objects with a spring scale and inertia is the resistance of objects to change their motion
- Observe magnets exert forces on other objects
- Discover that motion is a result of unbalanced forces
- Measure that friction is a force causing objects to slow down or stop
- Build a K'Nex car to determine the relationship between height and distance, and weight and distance
- Determine that certain shapes and designs are stronger than others by making a fair test of building a bridge
- Observe the six simple machines that make work easier, examples are levers, pulleys, wheel and axles, ramps, wedges and screws
- Compare and classify the simple machines that make up compound machines

Cycles of change

- Observe that living things go through cycles by close-up observations of Wisconsin Fast Plants
- Compare and contrast life cycles
- Observe stages of animal and plant growth and development
- Reflect on the main parts of the plants
- Record data from the plants and summarize as a graph
- Observe predictable and unpredictable growing changes in the environment

Introduction to Astronomy

- Discuss the characteristics of the sun and moon
- Exploring models of the rotation and revolution of the moon around the earth
- Model eclipses
- Model the solar systems revolution around the sun
- Explore the relationship of the season to the earth's revolution around the sun

Physical Education

- Demonstrate proper throwing and catching mechanics in a lead-up game situation
- Demonstrate an understanding of teamwork and proper sportsmanship
- Identify rhythm and dance patterns
- Perform fundamental locomotive and non-locomotive skills
- Manipulate objects effectively with an implement
- Develop proficient skills in individual and team sorts
- Identify, offensive, defensive and cooperative strategies in floor hockey
- Perform rhythm and dance movements to music with completion and flow
- Work cooperatively with partners and teams by encouraging others and being respectful
- Follow direction and safety rules

Health

- Describe common symptoms of diseases
- List ways diseases are spread or prevented
- Identify safety procedures on the playground or recreational sites
- Create a list of safety rules for children who are home alone
- Identify the nature of peer pressure
- Explain why recycling is an important aspect of our environment
- Explain how air, water and food pollution cause health problems and endanger the lives of everyone

Technology

- Build self-confidence in using technology
- Identify the basic components of a computer
- Learn basic computer terminology
- Learn keyboarding skills
- Develop basic computer skills (e.g. mouse control, saving, using the menu bar)
- Learn basic word processing skills
- Demonstrate the use of the Internet as a research tool
- Learn how to use multimedia reference tools, use computers as a learning tool for improving reading, writing, and math skills
- Use developmentally appropriate multimedia resources to support learning
- Use technology resources for problem solving, communication and illustration of thoughts, ideas, and stories

Learning ... to find solutions

Art

- Identify warm and cool colors in composition
- Identify and create a variety of patterns and textures
- Identify and begin to apply correct proportion
- Identify the elements/principles in a composition that form space
- Identify and explore a variety of artistic styles
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- Demonstrate skill in the creation of art using mixed media
- Create art that expresses emotion
- Create art that is interdisciplinary and cross-curricular
- Develop an ability to respond, express, interpret, create and communicate through the arts
- Understand that art is a form of communication
- Create art that uses gesture to express movement and emotion
- Understand the historical and social relevance of art in various cultures including our own
- Develop a critical and aesthetic understanding of art

Music

Rhythm

- Identify steady, strong and weak beats and meter
- Build on learned note values and rhythmic patterning

Melody

- Recognize and produce high/low and upward/downward patterns
- Differentiate step, skip/leap and repeat intervals
- Identify note names
- Perform melodic phrases

Harmony

- Accompany songs with a variety of borduns and ostinatos
- Learn two and three-part rounds

Form

- Experience call and response, AB, ABA, rondo, canon and theme and variations

Tone

- Distinguish between singing/speaking voices
- Recognize instrumental timbres

Expressive Elements

- Experience and identify the expressive elements of tempo, dynamics and style through song, dance, improvisation and composition