

COMPUTER/TECHNOLOGY SKILLS

Societal/Ethical Issues

- Identify, discuss and chart uses of technology in the community.
- Identify the function of common computing devices (input, output and processing).
- Discuss and select appropriate technology tools (probeware, digital cameras and handhelds) to collect, analyze and display data.
- Recognize, discuss and use responsible and safe behavior in the use of technology resources.
- Demonstrate knowledge of individual's rights of ownership of created works by citing sources.

Database

- Identify, discuss and visually represent uses of databases in the community to collect, organize and display information.
- Identify, discuss and use database concepts (data entry, field, record, list, sort, search/filter and keyword).
- Use prepared databases to search/filter (using one criterion) and sort alphabetically/numerically in ascending/descending order.
- Modify prepared databases to enter/edit additional information and cite the source.



Spreadsheet

- Identify and discuss spreadsheet concepts (cell, column, row, values, labels, chart and graph).
- Enter/edit data in a prepared spreadsheet to perform calculations, identify and discuss the changes that occur and select the graph that best represents the data.
- Recognize, discuss and use graphs to display and interpret data in prepared spreadsheets.

Keyboard Utilization/Word Processing/Desktop Publishing

- Identify and use formatting concepts (font size/style, line spacing, margins and italics).
- Recognize that Copyright Laws protect creative works of individuals, groups and companies.



- Use word processing as a tool to write, edit and publish sentences, paragraphs and stories while using correct finger placement for the home row keys.

Multimedia/Presentation

- Identify and discuss guidelines for media (personal information, images, content and language) to consider in developing multimedia projects.
- Identify and discuss Copyright and Fair Use Guidelines as a class.
- Identify, discuss and use multimedia tools (capture, create, edit and publish).

Telecommunications

- Identify, discuss and use telecommunications concepts (web browser, URL, keyword, search engine and web links).
- Recognize, discuss and demonstrate responsible and safe online behavior.
- Investigate teacher-selected Internet resources about communities.



CURRICULUM AND INSTRUCTION

Wayne County Public Schools does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities.

LEARNING OUTCOMES FOR THIRD GRADE



Wayne County Public Schools

ENGLISH/LANGUAGE ARTS

Word Recognition/Vocabulary

- Apply meaning of common prefixes and suffixes to decode words in text to assist comprehension.
- Increase sight vocabulary, reading vocabulary and writing vocabulary through extensive reading, word study, discussion, book talks and studying the author's craft.
- Use reference materials to confirm decoding skills, verify spelling and extend meanings of words.
- Read longer selections and books independently.



Comprehension

- Interact with the text before, during and after reading, listening or viewing.
- Read a variety of texts.
- Summarize ideas in stories or informational texts.
- Draw conclusions, make generalizations and gather support by referencing the text.

Connections

- Compare and contrast printed and visual information.
- Respond to fiction, nonfiction, poetry and drama using interpretive, critical and evaluative processes.
- Conduct research for assigned and self-selected projects from a variety of sources.

Products

- Read aloud grade-appropriate text with fluency, comprehension and expression.
- Share written and oral products in a variety of ways.
- Produce work and written compositions that follow the conventions of various genres such as personal narrative, short report, friendly letter, directions and instructions.
- Use planning strategies to generate topics to organize ideas.

Grammar and Language Conventions

- Compose two or more paragraphs with topic sentences, supporting details, logical sequencing and sufficient elaboration.
- Proofread own writing for spelling and correct most misspellings independently with reference to resources.

MATHEMATICS

Number and Operations

- Read, write, order and compute with whole numbers from 0 to 9,999.
- Build an understanding of place value (ones, tens, hundreds and thousands).
- Develop fluency with multiplication facts from 1x1 to 12x12 and division up to two-digit by one-digit numbers.
- Use the basic properties (identity, commutative, associative and order of operations) for addition, subtraction, multiplication and division.
- Model, compare and order fractions (halves, thirds, fourths, sixths and eighths) and mixed numbers.

Measurement

- Estimate and measure the capacity, length, mass and temperature of various objects.
- Solve problems involving elapsed time and equivalent measures.

Geometry

- Compare, describe and classify two and three dimensional figures and solve problems using a rectangular coordinate system.

Data Analysis and Probability

- Collect, organize, analyze and display data using graphs and tables to solve problems.
- Solve probability problems using combinations and permutations.



Algebra

- Recognize and extend patterns to find missing terms and determine the value of an unknown represented by a symbol in a number sentence.
- Solve word problems appropriate to grade level.

SCIENCE

Plant Growth and Adaptations

- Develop an understanding of plant growth and adaptations.

Soil Properties

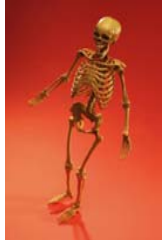
- Observe and describe the properties of soil.
- Determine the ability of soil to support the growth of many plants.

Earth/Moon/Sun System

- Investigate the earth/moon/sun system.
- Observe the patterns of stars in the sky and the apparent change in the shape of the moon.

Skeletal and Muscle Systems of the Human Body

- Describe the functions of bones and the different types of joints.
- Observe and describe how muscles cause the body to move.



SOCIAL STUDIES

Citizenship

- Identify people who make a difference in the community and other social environments.

Individual/Groups

- Analyze and describe similarities and differences among families and among communities in the past and in different places.

Changes

- Examine how individuals can initiate change in families, neighborhoods and communities.

Geography

- Compare how people in different communities adapt to or modify the physical environment to meet their needs.

Economics

- Recognize and explain reasons for economic interdependence of communities.

Technology

- Identify the impact of technological change on communities around the world.

Culture/Diversity

- Analyze the role of real and fictional heroes in shaping the culture of communities.

