

COMPUTER/TECHNOLOGY SKILLS

Societal/Ethical Issues

- Identify, discuss and represent visually uses of digital technology in the community.
- Demonstrate correct use of common technology devices and terms (hardware, software, CD and hard drive).
- Identify and discuss appropriate and safe behaviors online.
- Recognize individual's rights of ownership of created works.

Database

- Identify and discuss print and electronic databases.
- Identify and discuss concepts (sort, search/filter and keyword) in electronic databases.
- Use prepared electronic databases to conduct keyword searches for information.



Spreadsheet

- Identify and discuss spreadsheet concepts, (sort, classify and line graphs).
- Enter/edit data in a prepared spreadsheet, identify sources and make observations/predictions.

Keyboard Utilization/Word Processing/ Desktop Publishing

- Recognize, discuss and use word processing as a tool to enter/edit, print and save assignments while using correct finger placement for the home row keys.

Multimedia/Presentation

- Modify/edit an existing linear/sequential multimedia story to include narration.



- Identify and use multimedia tools and concepts (storyboard, linear/sequential, audio/video clips and images) to combine text and graphics.
- Identify and discuss issues (personal information, images, appropriateness and accuracy of information) to consider in selection and use of materials for multimedia projects.

Telecommunications

- Identify terms/concepts; online, browser, navigation, resources, web address, webpage, web links.
- Identify responsible and safe online behavior and discuss why it is important.
- Identify online resources as the work of individuals/groups/companies and discuss why citing resources is necessary.
- Use teacher-selected Internet resources to locate, discuss, and compare information about the local community.



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 SECOND GRADE



Wayne County Public Schools

ENGLISH/LANGUAGE ARTS

Word Recognition/Vocabulary

- Use a variety of strategies and skills to read self-selected text independently for 20 minutes daily.
- Apply knowledge of all sources of information to read a new text silently and independently.

Comprehension

- Read and comprehend text appropriate for grade two.
- Read aloud independently, with fluency, understanding and expression.
- Recall main idea, facts and details from a text.
- Discuss similarities and differences in events, characters and concepts within and across texts.

Connections

- Connect and compare to own experience and knowledge.
- Use personal experiences and knowledge to interpret written and oral messages.
- Increase oral and written vocabulary by listening, discussing and composing texts when responding to literature that is read and heard.



Products

- Generate synonyms for commonly used words to increase clarity of written and oral communication.
- Plan and write a story using an appropriate writing process.
- Compose first drafts using an appropriate writing process.
- Write structured, informative presentations and narratives.

Grammar and Language Conventions

- Use capitalization, punctuation and paragraph in one's own writing.
 - Use legible handwriting.
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MATHEMATICS

Number and Operations

- Read, write and model the whole numbers from 0 to 999.
- Use a variety of models to build an understanding of place value (ones, tens and hundreds) and renaming.
- Create, model and solve multi-digit addition and subtraction problems through 999.
- Explore and compare fractions (halves, thirds and fourths).
- Understand and explain even and odd numbers.

Measurement

- Use the correct instrument to measure length (meters, centimeters, feet, inches and yards), temperature (Fahrenheit) and time (five-minute intervals).



Geometry

- Identify and create symmetric and congruent figures.
- Explore and describe two and three dimensional shapes.

Data Analysis and Probability

- Collect, organize and display data using Venn diagrams and pictographs.
- Conduct simple probability experiments.

Algebra

- Identify, describe, translate and extend repeating and growing patterns.
 - Represent problems by writing addition and subtraction number sentences and using symbols to represent unknown quantities.
 - Solve word problems appropriate to grade level.
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SCIENCE

Animal Life Cycles

- Observe, describe and compare life cycles of animals.
- Explore the stages of an insect's life cycle.



Changes in Weather

- Investigate and describe affects of weather.

- Identify and use common tools to measure weather.

Changes in Properties

- Recognize the differences between solids, liquids and gases.
- Explore the changes in properties due to temperature and other outside forces.

Sound

- Explore the relationship between vibration and sound.
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SOCIAL STUDIES

Citizenship

- Identify and exhibit qualities of responsible citizenship in school, community and other social environments.

Relationships

- Describe the interdependence among individuals, families and the community.

Individuals/Groups

- Compare similarities and contrast differences between self and others, among families and among cultures in various communities.

Changes

- Analyze the effects of change, past and present, and predict future changes in communities.

Geography

- Understand the relationship between people and geography in various communities.



Physical Environment

- Analyze how people depend on the physical environment and use natural resources to meet basic needs.

Economics

- Distinguish between producers and consumers, and between goods produced and services provided in communities.
- Identify sources and use of revenue in communities.

Technology

- Identify uses of technology in communities and how it has affected the world.