

Marysville Exempted Village School District

Essential Learning

FOR

GRADE 3



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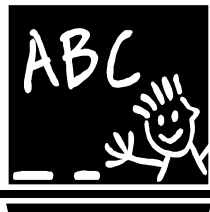


Marysville Exempted Village School District

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Larry Zimmerman, Superintendent

WHAT YOUR CHILDREN WILL BE TAUGHT IN GRADE 3



This guide provides parents with a description of the concepts and skills children will be taught in Language Arts, Mathematics, Science, and Social Studies during the coming school year. An overview of Health standards are also included. The elementary program is supportive and nurturing and provides students with numerous opportunities to learn and grow. MEVSD teachers use instructional strategies to excite, motivate and challenge all students. Throughout elementary school, students learn to identify various sources of information and how to gather, record and organize it. They are introduced to and use many forms of writing for various purposes and audiences. Each learner uses technology tools as he/she engages in learning experiences across subject areas. A variety of assessment strategies are used to determine each student's progress and instructional needs. Your child's progress report will reflect his or her learning of these concepts and skills.

ENGLISH LANGUAGE ARTS

Phonemic Awareness, Word

Recognition & Fluency

- Identify rhyming words with spelling patterns.
- Use letter-sound knowledge to decode words.
- Use common and complex word families to sound out unfamiliar words.
- Read text using automatic decoding skills.
- Read passages with changes in tone, timing and expression to demonstrate comprehension.



Acquisition of Vocabulary

- Determine the meaning of unknown words using context clues.
- Apply the meaning of synonyms, antonyms, homophones, homonyms and homographs.
- Read high-frequency sight words.
- Apply knowledge of individual words in unknown compound words.
- Use knowledge of contractions and common abbreviations.
- Apply knowledge of prefixes and suffixes.
- Decode the meaning of words by using root words.
- Determine the meaning and pronunciation of words by using dictionaries, glossaries and technology.

Reading Processes: Concepts of Print, Comprehension Strategies and Self-Monitoring Strategies

- Predict content, events and outcomes by using titles, headers, illustrations, and story topics.
- Compare and contrast information between texts.
- Summarize texts, sequence information and analyze main ideas and details.
- Make inferences regarding events and possible outcomes.

- Create and use graphic organizers such as Venn diagrams and webs.
- Answer questions to demonstrate comprehension.
- Monitor own comprehension by adjusting speed, skimming, scanning, reading on or looking back.
- Choose independent reading materials.

Reading Applications: Informational, Technical and Persuasive Text

- Locate information and comprehend texts.
- List questions why, who, where, what, when and how and identify answers.
- Identify and list the important central ideas and supporting details.
- Draw conclusions from information in maps, charts, graphs and diagrams.
- Analyze a set of directions.

Reading Applications: Literary Text

- Recognize and describe similarities and differences in plot.
- Use concrete details from the text to describe characters and setting.
- Retell the plot sequence.
- Identify and explain the defining characteristics of various literary forms.
- Explain how an author's choice of words appeals to the senses.
- Identify stated and implied themes.
- Describe methods authors use to influence readers' feelings and attitudes.



Writing Processes

- Generate writing ideas through discussions with others and from printed material.
- Develop a clear main idea for writing.
- Develop a purpose and audience for writing.
- Use organizational strategies to plan writing.
- Provide a simple introduction, body and closure.
- Create paragraphs with topic and supporting sentences.
- Use technology to compose text.
- Reread and assess writing.
- Rearrange words, sentences and paragraphs to clarify meaning.
- Use reference materials to select more effective vocabulary.
- Write and edit grammar, spelling, punctuation and capitalization.
- Apply tools (e.g., rubric, checklist, feedback) to judge the quality of writing.
- Rewrite and illustrate writing samples for display and sharing with others.

Writing Applications

- Write stories that sequence events to develop characters, setting and plot.
- Write responses to novels, stories and poems.
- Write formal and informal letters.
- Write reports that include a main idea and details.

Writing Conventions

- Write legibly in cursive.
- Spell multi-syllabic words.
- Spell familiar high-frequency words.
- Spell contractions, compounds and homonyms.
- Spell words with common suffixes.
- Follow common spelling generalizations.
- Use resources to check spelling.
- Use end punctuation marks.
- Use quotation marks and capitalization.
- Use nouns, verbs, adjectives and plural nouns.
- Use subjects and verbs and nouns and pronouns that are in agreement.
- Use past, present and future verb tenses.
- Use conjunctions.



Research

- Choose a topic for research.
- Use appropriate searching techniques to gather information from various sources and collect data.
- Use a variety of communication techniques to present information.
- A 2 to 3 page report in their own words.

Communication: Oral and Visual

- Ask questions for clarification and explanation.
- Identify the main idea, supporting details and purpose of oral and visual presentations.
- Identify the difference between fact and opinion.
- Select language appropriate to the audience.
- Use clear diction and tone and adjust volume and tempo to stress important ideas.
- Deliver formal and informal descriptive presentations.
- Make an oral report.

MATHEMATICS

Numbers, Number Sense and Operations

- Identify and generate equivalent whole numbers.
- Use place value to represent whole numbers and decimals.
- Use mathematical language and symbols to compare and order.
- Count money and make change.
- Represent fractions and mixed numbers.
- Compare and order commonly used fractions and whole numbers.
- Recognize and use decimal fraction concepts.
- Model, represent and explain multiplication and division.
- Use operations (commutative and associative properties) for addition and multiplication.
- Add and subtract whole numbers with and without regrouping.
- Multiply and divide facts through 10.
- Multiply and divide 2- and 3-digit numbers by a single digit number.
- Evaluate the reasonableness of computations.

Measurement

- Select appropriate units of measurement.
- Tell time to the nearest minute. Find elapsed time.
- Read Fahrenheit and Celsius thermometers.
- Estimate and measure length, weight and volume using metric and U.S. customary units.
- Make estimates for perimeter, area and volume using links, tiles, cubes and other models.

Geometry and Spatial Sense

- Analyze and describe properties of two-dimensional shapes and three-dimensional objects.
- Identify and describe size of angles.
- Find and name locations on a labeled grid.
- Draw lines of symmetry to verify shapes.
- Build a three-dimensional model composed of cubes.



Patterns, Functions and Algebra

- Extend multiplicative and growing patterns and describe the pattern or rule in words.
- Use patterns to make predictions and solve problems.
- Model problem situations using objects, pictures, tables, numbers, letters or other symbols.
- Express mathematical relationships as equations and inequalities.
- Create tables to record, organize and analyze data.
- Identify and describe quantitative changes.

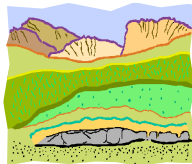
Data Analysis and Probability

- Collect and organize data from an experiment.
- Draw and interpret picture graphs.
- Read, interpret and construct bar graphs.
- Support a conclusion or prediction orally and in writing.
- Match a set of data with a graphical representation.
- Translate information freely among charts, tables and bar graphs.
- Analyze and interpret information on a timeline.
- Identify and describe the mode of a data set.
- Conduct a simple experiment, simulation or event.
- Use physical models, pictures, diagrams and lists to solve problems.

SCIENCE

Earth and Space

- Describe & compare distinct properties of rocks (e.g., color, layering, texture).
- Observe and investigate that rocks are often found in layers.
- Describe that smaller rocks come from the breakdown of larger rocks through the actions of plants, animals and weather.
- Observe and describe the composition of soil (e.g., small pieces of rock and decomposed pieces of plants and animals, and products of plants and animals).
- Investigate the properties of soil (e.g., color, texture, capacity to retain water, ability to support plant growth).
- Investigate that soils are often found in layers and can be different from place to place.



Life Sciences

- Compare the life cycles of different animals including birth to adulthood, reproduction and death (e.g., egg-tadpole-frog, egg-caterpillar-chrysalis-butterfly, egg-chick-chicken).
- Relate animal structure to their specific survival functions (e.g., obtaining food, escaping or hiding from enemies).
- Classify animals according to their characteristics (e.g., body coverings and body structure).
- Use examples to explain that extinct organisms may resemble organisms that are alive today.

- Observe and explore how fossils provide evidence about animals that lived long ago and the nature of the environment at that time.
- Describe how changes in an organism's habitat are sometimes beneficial and sometimes harmful.
- Identify that characteristics received from parents make offspring similar to those parents.

Physical Sciences

- Describe an object's position by locating it relative to another object or the background (above, between, below).
- Describe an object's motion by tracing and measuring its position over time.
- Identify contact/non-contact forces that affect motion of an object (e.g., gravity, magnetism, collision).
- Predict the changes when an object experiences a force (e.g., a push or pull, weight, friction).



Science and Technology

- Describe how technology can extend human abilities (e.g., to move things, to extend senses).
- Describe ways that using technology can have helpful and/or harmful results for an individual, family, community.
- Use a simple design process to solve a problem (e.g., identify a problem, identify possible solutions, design a solution).
- Describe possible solutions to a design problem (e.g., how to hold down paper in the wind).

Scientific Inquiry

- Select the appropriate tools and use relevant safety procedures to measure and record length and weight in metric and English units.
- Discuss observations and measurements made by other people.
- Read and interpret simple tables and graphs produced by self/others.
- Identify and apply science safety procedures.
- Record and organize observations (e.g., journals, charts, tables).
- Communicate scientific findings to others through a variety of methods (e.g., pictures, written, oral and recorded observations).

Scientific Ways of Knowing

- Describe different kinds of investigations that scientists use depending on the questions they are trying to answer.
- Keep records of investigations and observations and do not change results to coincide/match with someone else's results.
- Explore through stories how men and women have contributed to the development of science.
- Identify various careers in science.
- Discuss how both men and women find science rewarding as a career and in their everyday lives.

SOCIAL STUDIES

History

- Define and measure time by years, decades and centuries.
- Place local historical events in sequential order on a time line.
- Describe changes in the community over time, including changes in businesses, architecture, physical features, employment, education, transportation, technology, religion and recreation.



People In Societies

- Compare some of the cultural practices and products of various groups of people who have lived in the local community including artistic expression, religion, language and food.
- Compare the cultural practices and products of the local community with those of other communities in Ohio, the United States and countries of the world.
- Describe settlement patterns of various cultural groups within the local community.

Geography

- Use political maps, physical maps and aerial photographs to ask and answer questions about the local community.
- Use a compass rose and cardinal directions to describe the relative location of places.
- Read and interpret maps by using the map title, map key, direction indicator and symbols to answer questions about the local community.
- Use a number/letter grid system to locate physical and human features on a map.
- Identify the location of the equator, Arctic Circle, Antarctic Circle, North Pole, South Pole, Prime Meridian, the tropics and the hemispheres on maps and globes.
- Identify and describe the landforms and climate, vegetation, population and economic characteristics of the local community.
- Identify ways that physical characteristics of the environment (I.e., landforms, bodies of water, climate and vegetation) affect and have been modified by the local community.
- Identify systems of transportation used to move people and products and systems of communication used to move ideas from place to place.

Economics

- Define opportunity cost and give an example of the opportunity cost of a personal decision.
- Identify people who purchase goods and services as consumers and people who make goods or provide services as producers.

- Categorize economic activities as examples of production or consumption.
- Explain the advantages and disadvantages of specialization and the division of labor to produce items.
- Identify different forms of money used over time, and recognize that money facilitates the purchase of goods, services and resources and enables savings.
- Explain how the local community is an example of a market where buyers and sellers exchange goods and services.
- Identify examples of economic competition in the local community.

Government

- Explain the major functions of local government, including promoting order and security, making laws, settling disputes, providing public services, and protecting the rights of individuals.
- Explain the structure of local governments and identify local leaders (e.g., township trustees, county commissioners, city council members or mayor).
- Identify the location of local government buildings and explain the functions of government that are carried out there.
- Identify goods and services provided by local government, why people need them and the source of funding (taxation).
- Define power and authority.
- Explain why the use of power without legitimate authority is unjust (e.g., bullying, stealing).

Citizenship Rights and Responsibilities

- Describe how people help to make the community a better place in which to live including working to preserve the environment, helping the homeless, restoring houses in low-income areas, supporting education, supporting community events and starting a business.
- Demonstrate effective citizenship traits including, civility, respect for the rights and dignity of each person, volunteerism, compromise, compassion, persistence in achieving goals and civic-mindedness.
- Describe the responsibilities of citizenship with emphasis on voting, obeying laws, respecting the rights of others, being informed about current issues, and paying taxes.

Social Studies Skills and Methods

- Obtain information about local issues from a variety of sources including, maps, photos, oral histories, newspapers, letters, artifacts and documents.
- Locate information using various parts of a source including the table of contents, title page, illustrations and keyword searches.
- Identify possible cause and effect relationships.



Social Studies Skills and Methods (Continued)

- Read and interpret pictographs, bar graphs and charts.
- Communicate information using pictographs and bar graphs.
- Use a problem-solving/decision-making process which includes identifying a problem, gathering information, listing and considering options, considering advantages and disadvantages of options and choosing and implementing a solution.

HEALTH

Concepts and Knowledge Related to Health Promotion and Disease Prevention

- Describe the effects of drugs/medicines on body systems.
- List personal safety rules for various places and circumstances.
- Classify foods by food groups and nutrition guidelines.
- Classify foods according to protein, fat, carbohydrate content.
- Describe steps to negotiate a mutually acceptable solution to a problem.
- Understand the importance of positive health habits.

Valid Health Information and Health Promoting Products and Services

- Explain how food labels are a good source of information.
- Know people, inside and outside the home, who can help with injury prevention, safety, and first aid.
- Demonstrate procedures for reporting emergencies over the phone.

Self-Management to Promote Health Enhancing Behaviors and Reduce Health Risks

- Explain how carbohydrates impact the body.
- Classify snack foods as being harmful or helpful to teeth and body.
- Discuss the importance of behaving in a safe manner.
- Demonstrate ways to meet new people and make friends.
- List activities that promote physical exercise and how they benefit overall health.



Influences of Cultural Beliefs, Media and Technology on Health

- Explain ways advertising influences choices when purchasing products.

Structure and Function of the Human Body to Acquire Knowledge and Understanding of Human Growth and Physical Development

- Identify the purpose and major parts of the respiratory system and its interconnectedness with other systems of the body.
- Define different types of exercises.
- Explain the importance of exercise for overall health.



For More Information:

Marysville Schools Website

<http://www.marysville.k12.oh.us>

Ohio Department of Education Website

<http://www.ode.state.oh.us>

For Standards Guides for Families

(In the search box type Standards Guides for Families)

For Ohio 's Statewide Testing Website

(See-Other Popular Links-at the bottom of the ODE Home Page)