

Mission Statement

The mission of the Lebanon Township School District, in partnership with the community, is to provide a safe, nurturing, child centered environment that challenges each child to maximize potential. Our students will acquire skills and knowledge which will enable them to become independent, respectful, responsible citizens who strive for personal excellence and embrace learning as fundamental in order to successfully adapt and succeed in our ever-changing global community.

Students at all grade levels will be exposed to an array of concepts and skills through a wide variety of media. The acquisition of skills is a dynamic process influenced by many factors, including readiness and capability of the learner and student motivation.

**Lebanon Township
School District**
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Social Studies

Students will be exposed to a wide variety of Social Studies topics. Current events are intertwined within the curriculum. Students will demonstrate learning through discussion, writing, use of resource/research materials including web sites, creating and labeling maps, posters and diagrams. They will identify and share cultural customs and cultural practices in the United States.

Civics/Humanities.

- Responsive Classroom
- U.S. Government
- National & State Symbols
- Celebrations
- Ethnic Groups

History

- Colonization
- Immigration (causes, motivation, 1870–1920's)
- Westward Expansion
- Migration (urban & rural)
- Historical Documents (Declaration of Independence, Constitution, Bill of Rights)
- Civil War
- Government (national & state)

Economics

- Effects of climate
- Communities
- Native Americans
- Industries
- Technology
- Jobs/Supply & Demand

Geography

- Landforms
- Resource/Research materials
- Natural Resources & Conservation
- Continents/Hemispheres
- Latitude and Longitude
- U.S. Regions

Physical Education

The Physical Education Program is designed to develop individual fitness, encourage cooperative learning and sportsmanship and introduce team sport skills.

Examples:

- Positive social skills such as leadership, tolerance, teamwork and cooperation
- Activities that promote fitness and a healthy lifestyle
- Skills and rules in a variety of team sports

Lebanon Township School District

Grades 3 & 4

Curriculum Guide



Mathematics

Students will participate in a comprehensive math program that balances the old basics (memorization, algorithms) and the new basics (calculators, computers). This includes the development of conceptual understanding with a greater emphasis on problem solving and critical thinking.

Integrated Problem Solving/Computation

- Appropriate use of strategies

Number Sense/Computation

- Facts (x)
- Time (elapsed, analog, digital)
- Place Value & Expanded Notation
- Addition, Subtraction, Multiplication, Division & corresponding properties
- Fractions (computation, conversion, percent)
- Mental Math (computation, speed and processing)
- Calculator Use
- Estimation
- Fraction/Decimal Comparison/Money

Statistics & Probability

- Spreadsheets (data analysis)
- Charts, spinners, graphs (line, bar, pie, picto)

Patterns & Functions

- Skip Counting
- Equal Groups
- Rules
- Strategies

Data Analysis

- Graphing (bar, line, pie, picto)
- Comparisons
- Venn Diagram

Measurement

- Standard & Metric units
- Area & Perimeter

Geometry

- Shapes, angles
- Patterns
- Symmetry

The mathematical processes of problem solving, reasoning, representations, justification and algebraic thinking are integrated throughout the curriculum.

Integrated Language Arts

Reading

Through experiences in whole class, shared, and independent reading, students will demonstrate comprehension on all levels of Bloom's Taxonomy in the following areas:

- Variety of genres
- Main idea and details
- Conclusions
- Inferences
- Story elements
- Context clues
- Predictions
- Summarization and paraphrasing
- Written responses
- Literary devices

Writing

Writing is a balance between grammar skills and written activities. Students will learn and practice the process of writing in order to create authentic written work that demonstrates the following skills:

- Punctuation and grammar
- Parts of speech
- Pre-writing strategies (webbing, brainstorming, outlining, etc.)
- Sentence and paragraph formation
- Revising and editing
- Sequencing
- Types of sentences
- Dictionary skills
- Subject/verb agreement
- Tenses
- Creative and response writing (narrative, persuasive, expository, etc.)

Speaking, Listening, and Media Literacy are interwoven throughout the reading and writing programs. Examples include response to illustrations, graphs, text, advertisement, diagrams, and computer skills.

World Languages

Cultural awareness and communication skills are the foundation for an activity-based Spanish Curriculum.

Science

Students will acquire science concepts through “hands on” units with concepts that are grounded in experimentation. Acquisition of skills occurs through a variety of methods such as observations, organization of data through labs and reports, demonstrations, and the creation of graphs, charts, diagrams or models.

Life Science

- Structures of Life (growth of seeds, crayfish)

Earth Science

- Earth Materials (rocks and minerals)
- Water (includes states of matter)
- Environmental Studies (life cycles, interdependency, ecosystems, issues)

Physical Science

- Magnetism (poles, magnetic fields, attract/repel, gravity)
- Electricity (circuits, electromagnets)

Scientific Processes

- Ideas & Inventions (patterns, symmetry, chromatography)
- Measurement (metric- linear, mass, volume, capacity)

Music

The objective of this program is to expose children to the history and elements of music while developing an appreciation of the forms and variety of musical compositions and instruments.

For example:

- Music of famous composers such as Beethoven, Gershwin and Sousa
- Historical influences on the music of different composers
- Note and rhythm reading skills
- Singing techniques such as correct posture and diction
- Band instruments opportunities

Art

The Art Program is designed to promote self-expression, flexibility, problem solving and an introduction to a variety of materials.

Examples:

- Use of media to build 2- & 3- dimensional works of art
- Study and analysis of color theory
- Exploration of simple water color and drawing techniques