ORCHESTRA

The fourth grade students have the opportunity to receive orchestra instruction. This course is offered to students outside of the school day (before school). Participants must attend the class at Lakeville Elementary (1st year) or OMS (2nd year). The instruments are available to students for rent or purchase.

“SPECIALS”

PHYSICAL EDUCATION 30 MIN. X 2 DAYS/WK

The physical education curriculum provides the programs, activities, and instruction necessary to develop healthy, lifelong, responsible citizens.

MUSIC 30 MIN. PER WEEK

The program is focused developing an appreciation and understanding of music.

ART 60 MIN. BIWEEKLY

The art curriculum emphasizes imagination and personal experiences.

WORLD LANGUAGE 30 MIN./DAY

The curriculum emphasizes authentic language learning combined with cultural experiences. Each elementary school offers daily instruction in Spanish.
**MATH**
90 Minutes/Day - 5 Days/Week

Using the Common Core Standards to guide instruction, fourth grade mathematics will help the students make sense of the world. They will draw logical conclusions using mathematics to explain their thinking. Manipulatives and pictorial models will play an important role.

**UNITS OF STUDY**
- Problem Solving
- Math Connections
- Reasoning
- Communication
- Estimation
- Patterns & Relationships
- Statistics & Probability
- Whole Number & Mental Computation
- Whole Number Operations
- Measurement
- Number Sense
- Fractions & Decimals

**SCIENCE**
150 Minutes/Week

Fourth grade science investigates topics in each of the three science disciplines: life, earth, and physical science. Instructional focus includes inquiry-based learning, informational reading, experimental design, and reflective writing.

**UNITS OF STUDY**
- Foundations in Social Studies
- The U.S. in Spatial Terms (Regions)
- Human Geography in the U.S.
- Exploring Economics
- Our Federal Government
- Rights & Responsibilities of Citizenship

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**LANGUAGE ARTS**
150 Minutes/Day - 5 Days/Week

Utilizing the Common Core Standards and the Units of Study program, our K-5 Language Arts program has been divided into three components.

**UNITS OF STUDY**
- Reading: Read Aloud; Shared Reading; Reading Workshop
- Writing: Shared Writing; Interactive Writing; Writing Workshop
- Word Work: High Frequency Word Work; Developmental Word Work

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**SOCIAL STUDIES**
150 Minutes/Week

The fourth grade social studies curriculum introduces students to history, geography, economy, and government of Michigan from statehood to present.

**UNITS OF STUDY**
- Foundations in Social Studies
- The U.S. in Spatial Terms (Regions)
- Human Geography in the U.S.
- Exploring Economics
- Our Federal Government
- Rights & Responsibilities of Citizenship