

## Art

- K-5 grade students learn class rules, procedures, and art room safety tips. Students work with basic color theory and elements of design. Students are encouraged to create and experience art outside of the classroom to recognize the influence of art in our world.

## Music

- K-5 grade students explore music with their voices and through instruments and stylistic movement. They begin to build singing vocabulary and sense of beat and meter. Students will begin to apply tonal and rhythmic skills to singing, dancing, and playing instruments.

## Physical Education

- K-5 grade students learn safe practices and class rules/procedures which build a foundation for successful interpersonal communication during group activities. Students are encouraged to participate in non-structured physical games outside of PE class and begin to recognize the temporary and lasting positive effects of moderate and vigorous activities on their bodies and their health.

## Computers/Technology

- K-5 grade students will have the opportunity to utilize technology to enhance their learning in all core academic subject areas. Teachers and students will use technology to investigate new concepts, practice skills, and demonstrate knowledge.

## Mission Statement

Landmark Academy recognizes the unique giftedness of the individual student, will work in cooperation with parents and the community to provide a nurturing and challenging environment that encourages academic excellence, character development, and a love for lifelong learning.



*Every child. Every day.*

**Leadership:**  
· Practice the 7 Habits?

**Academic Excellence:**  
· Do my Personal Best?

**Kindness:**  
· Do something nice for someone else?

**Excellence:**  
· Use my creativity?

**Respect & Responsibility:**  
· Respectfully express the needs of myself?  
· Meet the needs of others?

**Safety:**  
· Practice Healthy Habits?  
· Practice Mindfulness?  
· Participate in physical activity?

Did I...



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**A PARENT'S GUIDE TO  
CURRICULUM  
IN THE CLASSROOM**

**4th Grade**

## Mathematics

### Students in fourth grade will develop their skills in...

- Fluently solving multi-digit multiplication up to 4 digits by 1 digit and 2 digit by 2 digit. (456 x 7 & 45 x 65)
- Solving long division problem with & without remainders up to 4 digit by 1 digit (456 ÷ 6)
- Understand what the digits mean & their value up to millions (place value)
- Identify, measure, & sketch angles
- Write an Equation with an unknown (4 x a =16)
- Convert & identify measurement in standard & metric units
- Convert a mixed fraction to improper fractions & improper to mixed fraction
- Generate equivalent fractions and generate decimals up to the tenths place
- Add, subtract & multiply fractions
- Classify parallelograms based on their features such as parallel line, perpendicular lines, angles, and symmetry.
- Find area & perimeter of a rectangle

## Science

### Students in fourth grade will develop their skills in...

- Knowing the basic needs of living things
- Identifying animal adaptations & ecosystems
- Describing how fossils are artifacts of living things
- Explaining how heat energy and electricity work

## Social Studies

### Students in fourth grade will develop their skills in...

- Geography: including classifying regions, reasons for migration & immigration
- Civics & Government: including the structure of the US government, and citizens' rights and responsibilities
- Economics: including supply & demand and features of a market economy
- History of Michigan: including economic activities, growth, & life in Michigan past statehood.

## English Language Arts

### Students in fourth grade will develop their skills in reading, writing, speaking and listening.

- Refer to details and examples in a text when the text says explicitly and when drawing inferences from the text.
- Explain major differences between poems, drama and common writing, and refer to the structural elements of poems and drama (e.g., casts of characters, settings, descriptions, dialogue, state directions) when writing or speaking about a text.
- Determine the main idea of a text and explain how it is supported by key details; summarize the text.
- Describe the overall structure (e.g., chronology, comparison, cause/effect, problem/solution) of events, ideas, concepts, or information in a text or part of a text.
- Write opinion pieces on topics or texts, supporting a point of view with reasons and information.
- Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
- Write narratives to develop real or imagined experiences or events using effective technique, descriptive details, and clear event sequences.
- Engage effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grade 4 topics and texts, building on others' ideas and expressing their own clearly.

