



# Learning Expectations

Fourth Grade  
2020-2021

## High Expectations for Learning

Welcome to the Liberty Elementary School District! Our district's vision is to cultivate curious, creative, problem solvers prepared for tomorrow. With high standards for academic excellence, each of our schools provides quality instruction within a unique signature program. Our rigorous curriculum is designed to both challenge learners and individualize learning.

**What will your child learn in school this year?**

## Parents as Partners in Education

We believe that education is a partnership among students, their families, community members, and schools. As partners in your child's education, the LESD Learning Expectations document can provide you as parents with a quick view of what your child is expected to learn in school this year. Mastering these skills by the end of the school year prepares your child for future success.

*The Liberty Elementary School District curriculum is guided by the Arizona High Academic Standards for Students. Follow this link to the Arizona Department of Education website for additional information about the academic standards: <https://www.azed.gov/standards-practices>.*



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# ELA

## Fourth Grade Curriculum for Parents

*By the end of the year, students will be able to do the following as it relates to each topic...*

### Reading

- Reference details and examples from a text when explaining what the text says explicitly and when drawing inferences from the text.
- Determine the main idea of an informative text or message of a literary text and connect the key details; summarize and recount the text.
- Describe characters, setting, and events in literature and the ideas, concepts, and procedures from informative text.
- Determine the point of view of the author, narrator and characters.
- Use information gained from illustrations/ photographs, maps, diagrams and the words in a text to demonstrate understanding.
- Explain the major differences in the structure of a story, drama and prose.
- Describe the overall structure (e.g., comparison, cause/effect, chronological, etc.) of events, ideas, and concepts within informative text.
- Compare and contrast the most important points and key details presented in two texts on the same topic.
- Know and apply phonics and word analysis skills in decoding multi-syllabic words both in and out of context.
- Proficiently and independently read and comprehend multiple types of grade-level text.

### Questions?

Please contact your child's teacher at any time with questions regarding the curriculum, and be sure to attend conferences with your child's teacher in both October and January.

### Writing

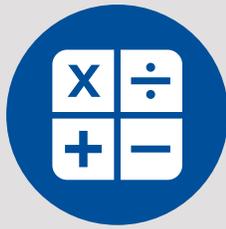
- Write opinion pieces on topics or texts, using reasons to support one's point of view.
- Write informative/explanatory texts to examine a topic and convey ideas and information clearly.
- Use the writing process to write opinion, informative and narrative compositions.
- Use technology to produce and publish writing (using keyboarding skills) as well as to interact and collaborate with others.

### Speaking & Listening

- Engage effectively in a range of collaborative discussions; building on others' ideas and expressing their own clearly.
- Demonstrate command of the conventions of Standard English (i.e., grammar & usage, capitalization, punctuation, and spelling.)

### Vocabulary

- Determine the meaning of general academic and domain-specific words and phrases in a text relevant to a grade 4 topics or subject area.
- Acquire and use grade-appropriate vocabulary in reading, listening, speaking and writing.



# Mathematics Fourth Grade Curriculum for Parents

*By the end of the year, students will be able to do the following as it relates to each topic...*

## Operations & Algebraic Thinking (OA)

- Use the four operations with whole numbers to solve problems
- Gain familiarity with factors and multiples
- Generate and analyze patterns

## Number & Operations in Base Ten (NBT)

- Generalize place value understanding for multi-digit whole numbers
- Use place value understanding and properties of operations to perform multi-digit arithmetic

## Number & Operations in Fractions (NF)

- Extend understanding of fraction equivalence and ordering
- Build fractions from unit fractions by applying and extending previous understandings of operation on whole numbers
- Understand decimal notation for fractions, and compare decimal fractions

## Measurement & Data (MD)

- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit

### Questions?

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- Represent and interpret data
- Geometric measurement: understand concepts of angle and measure angles

## Geometry (G)

- Draw and identify lines and angles, and classify shapes by properties of their lines and angles

## Mathematical Practices (MP)

- Make sense of problems and persevere in solving them
- Reason abstractly and quantitatively
- Construct viable arguments and critique the reasoning of others
- Model with mathematics
- Use appropriate tools strategically
- Attend to precision
- Look for and make use of structure
- Look for and express regularity in repeated reasoning