

Bellevue Elementary

FOURTH GRADE SYLLABUS

ELA: Patterns of Power, Get to the Root of It! Spelling Connections, and students reading a variety of fiction and nonfiction texts will be used to meet the ELA standards.

- Language (CCSS.ELA-Literacy.L.4.1-6):
 - Conventions of Standard English
 - Knowledge of Language
 - Vocabulary Acquisition and Usage

- Speaking & Listening (CCSS.ELA-Literacy.SL.4.1-6) :
 - Comprehension and Collaboration
 - Presentation of Knowledge and Ideas

- Writing (CCSS.ELA-Literacy.W.4.1-10):
 - Text Types and Purposes
 - Production and Distribution of Writing
 - Research to Build and Present Knowledge
 - Range of Writing

- Reading: Foundation Skills (CCSS.ELA-Literacy.RF.4.3-4):
 - Phonics and Word Recognition
 - Fluency

- Reading: Informational Text (CCSS.ELA-Literacy.RI.4.1-10):
 - Key Ideas and Details
 - Craft and Structure
 - Integration of Knowledge and Ideas
 - Range of Reading and Level of Text Complexity

- Reading: Literature (CCSS.ELA-Literacy.RL.4.1-10)
 - Key Ideas and Details
 - Craft and Structure
 - Integration of Knowledge and Ideas
 - Range of Reading and Level of Text Complexity

Math: Using the Everyday Math and ST Math, students will build their understanding and mastery of fourth grade math standards. Instruction includes hands on manipulatives, games, vocabulary, and processes.

- Operations and Algebraic Thinking (4.OA.A-C)
 - Use the four operations with whole numbers to solve problems
 - Gain familiarity with factors and multiples
 - Generate and analyze patterns

- Number and Operations in Base Ten (4.NBT.A-B)
 - Generalize place value understanding for multi digit whole numbers
 - Use the place value understanding and properties of operations to perform multi-digit arithmetic

- Number and Operations - Fractions (4.NBT.A-C)
 - Extend understanding of fraction equivalence and ordering
 - Building fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.
 - Understand decimal notation for fractions and compare decimal fractions

- Measurement and Data (4.MD.A-C)
 - Solve problems involving measurement and conversion of measurements from larger unit to small unit.
 - Represent and interpret data
 - Geometric measurement: understand concepts of angles and measure angles

- Geometry (4.G.A)
 - Draw and identify lines and angles, and classify shapes by properties of their lines and angles

Science: Using Mystery Science (online program) and FOSS science kits, students will gain knowledge about the transfer of energy, how sound waves work, and how to gather information through observation. Students will interpret data, make observations, generate questions, and draw conclusions from information.

- Energy Unit: 4-PS3-1 - 4-PS3-4 & 4-ESS3-1
- Waves Unit: 4-PS4-1 & 4-PS4-3
- Structure, Function, and Information Processing (Environments): 4-PS4-2, 4-LS1-1, 4-PS1-2

Social Studies: Students will learn the geography, economy, land features, and history of the United States regions with a mini unit about Iowa. Teachers will use TrueFlix, PebbleGo Next, and nonfiction text to guide the students through the inquiry process. Students will use information to draw conclusions about why people settled an area and how the land impacted transportation and economy. (SS.4.1-26)