



RAYTOWN  
QUALITY  
SCHOOLS  
Expect the Exceptional

# 4th Grade Essential Standards

## Quarter 1

### ELA:

- 4.RF.3.A.a - Decoding words using knowledge of all letter-sound correspondences, syllabication patterns, and morphology to read unfamiliar multisyllabic words in context
- 4.R.1.A.b - Develop and demonstrate reading skills in response to text by: b. - drawing conclusions by providing textual evidence of what the text says explicitly.
- 4.R.1.B.a - Develop an understanding of vocabulary. - a. Determining the meaning of academic English words derived from Latin, Greek, or other linguistic root words and their prefixes and suffixes
- 4.W.2.A - Write opinion texts

### Math:

- 4.NBT.A.1 – Round multi-digit whole numbers to any place (in the context of estimation).
- 4.RA.A.1 – Multiply or divide to solve word problems involving multiplicative comparison.
- 4.RA.A.2 – Solve multi-step whole number problems involving the four operations and variables and using estimation to interpret the reasonableness of the answer.
- (addition and subtraction)

### Science:

- 4.ETS1.C.1: Plan and carry out fair tests in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved.
- 4.PS3.A.1: Use evidence to construct an explanation relating the speed of an object to the energy of that object.

## Quarter 2

### ELA:

- 4.R.2.A.a - Read, infer, analyze and draw conclusions using fiction texts including poetry and drama. - a. Summarize and sequence the events/plot and explain how past events impact future events
- 4.W.2.A - Write opinion texts

### Math:

- 4.RA.A.2 – Solve multi-step whole number problems involving the four operations and variables and using estimation to interpret the reasonableness of the answer.
- (addition, subtraction, multiplication, division)
- 4.RA.C.6 – Generate a number pattern that follows a given rule.

### Science:

- 4.PS4.A.1: Develop a model of waves to describe patterns in terms of amplitude or wavelength and that waves can cause objects to move.
- 4.ESS2.B.1: Analyze and interpret data from maps to describe patterns of Earth's features.



## 4th Grade Essential Standards

### Quarter 3

#### ELA:

- 4.W.2.B - Write informative/explanatory texts
- 4.R.1.B.a - Develop an understanding of vocabulary. - a. Determining the meaning of academic English words derived from Latin, Greek, or other linguistic root words and their prefixes and suffixes
- 4.R.2.A.a - Read, infer, analyze and draw conclusions using fiction texts including poetry and drama. - a. Summarize and sequence the events/plot and explain how past events impact future events, and identify the theme
- 4.R.1.A.b - Develop and demonstrate reading skills in response to text by: b. - drawing conclusions by providing textual evidence of what the text says explicitly.

#### Math:

- 4.NF.A.2 – Recognize and generate equivalent fractions.
- 4.NF.B.6 – Solve problems involving adding and subtracting fractions and mixed numbers with like denominators.
- 4.NF.B.8 – Solve problems involving multiplication of a fraction by a whole number.

#### Science:

- 4.ESS1.C.1: Identify evidence from patterns in rock formations and fossils in rock layers to support an explanation for changes in a landscape over time.
- 4.ESS3.A.1: Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans.

### Quarter 4

#### ELA:

- 4.W.2.B - Write informative/explanatory texts (Writing Piece)
- 4.R.1.A.b - Develop and demonstrate reading skills in response to text by: b. - drawing conclusions by providing textual evidence of what the text says explicitly.
- 4.R.1.B.a - Develop an understanding of vocabulary. - a. Determining the meaning of academic English words derived from Latin, Greek, or other linguistic root words and their prefixes and suffixes
- 4.R.2.A.a - Read, infer, analyze and draw conclusions using fiction texts including poetry and drama. - a. Summarize and sequence the events/plot and explain how past events impact future events, and identify the theme

#### Math:

- 4.NF.C.10 – Understand that fractions (with denominators of 10 or 100) and decimals are equivalent representations of the same quantity.
- 4.GM.A.2 – Classify two-dimensional shapes by their sides and/or angles.
- 4.GM.C.7 – Use the four operations to solve problems involving distances, intervals of time, liquid volume, weight of objects and money (including problems involving simple fractions and decimals).

#### Science:

- 4.LS1.A.1: Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and plant reproduction.
- 4.LS1.D.1: Use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways.