

5th Grade Essential Outcomes

Reading

- 1) Students will make inferences using quotes from the text as support.
- 2) Students will determine themes of a text.
- 3) Students will identify main idea and supporting details to create a summary.
- 4) Students will determine the meaning of words and phrases including metaphors, similes, idioms, and academic words.
- 5) Students will compare and contrast text elements (chronology, comparison/contrast, cause/effect, and problem/solution).
- 6) Students will assess how an author's point of view and purpose influences how events are described in a story.
- 7) Students will evaluate author's arguments and claims in informational text including reasoning and evidence.
- 8) Students will read and comprehend grade 4 (high end) to grade 5 texts independently and proficiently.
- 9) Students will apply word analysis skills in decoding words (roots, affixes, syllables, synonyms, antonyms, homographs) to decode unfamiliar words.

Writing

- 1) Students will write opinion pieces and provide support.
- 2) Students will write informative/explanatory texts to examine a topic while utilizing several print and digital sources.
- 3) Students will write narratives and other creative texts using descriptive details and clear event sequences.
- 4) Students will produce clear writing where development and organization are appropriate to the task.
- 5) Students will use the writing process to develop and strengthen writing.
- 6) Students will use technology (Internet) to produce and publish writing and collaborate with others.
- 7) Students will write routinely over extended time frames.
- 8) Students will use conventions of English grammar and usage, capitalization, punctuation, and spelling when writing and speaking.

Math

- 1) Students will divide multi-digit numbers to solve problems.
- 2) Students will read, write, and represent fractions and decimals.
- 3) Students will add and subtract decimals to solve problems.
- 4) Students will add and subtract fractions, including mixed numbers, to solve problems.
- 5) Students will recognize and represent patterns of change.
- 6) Students will apply mathematical properties to create and evaluate numerical expressions.
- 7) Students will understand equations and inequalities involving variables and whole numbers.
- 8) Students will describe, classify, and draw representations of three-dimensional figures.

- 9) Students will determine the area of triangles and quadrilaterals.
- 10) Students will determine the surface area and volume of rectangular prisms.
- 11) Students will display and interpret data; determine mean, median, mode, and range.

Social Studies

- 1) Students will analyze historical evidence to answer questions about the past.
- 2) Students will identify native nations and explorers of North America.
- 3) Students will describe the founding and development of the North American colonies.
- 4) Students will identify the events, causes, and impacts of the American Revolution.
- 5) Students will explain the principles of democracy while identifying the Declaration of Independence, Bill of Rights, and the Constitution.
- 6) Students will describe various uses for income including choices regarding spending, saving, and taxes.
- 7) Students will identify people that have been important in shaping American civic life.
- 8) Students will analyze the principles, rights, and beliefs of the United States Republic.
- 9) Students will explain how law limits the powers of government, protects individual rights, and promotes the general welfare.
- 10) Students will describe the government's three branches and identify their purpose.

Science

- 1) Students will recognize why evidence, clear communication, accurate record keeping, replication by others, and openness to scrutiny are essential parts in doing science.
- 2) Students will understand that when scientific investigations are replicated they generally produce the same results, and when results differ significantly, it is important to investigate what may have caused such differences.
- 3) Students will be able to identify and collect relevant evidence, make systematic observations and accurate measurements, and identify variables in a scientific investigation.
- 4) Students will understand how science and engineering influence the environment.
- 5) Students will understand how to use appropriate tools and techniques in gathering, analyzing and interpreting data.
- 6) Students will give examples of simple machines and demonstrate how they change the input and output of forces and motion.
- 7) Students will understand how water erosion, landslides, and volcanic eruptions form features of the Earth's surface.
- 8) Students will identify renewable and non-renewable energy and material resources that are found in Minnesota.
- 9) Students will compare physical characteristics of plants and animals from a variety of different environments and understand how each has adapted to its environment.
- 10) Students will understand that humans change environments in ways that can be either beneficial or harmful to themselves and other organisms.