

Reading

- Read fluently at grade level.
- Determine an unknown word and its meaning by use of a variety of strategies including contextual clues and phonics and structure of analysis.
- Understand and read grade level vocabulary.
- Answer literal or simple inferential questions about a reading passage.
- Summarize a story or non-fiction passage.
- Identify the causes of events in a story or non-fiction account.
- Draw inference, conclusion or generalization about text and support these with evidence.
- Differentiate between fact and opinion.
- Draw conclusions from information from maps, charts, graphs and diagrams.
- Interpret an image based on information provided in a passage.
- Explain how the author's choice of words appeals to the senses, creates imagery, mood and tone.
- Identify elements of fiction; plot, character, setting, theme, character foil.
- Interpret passages using the literacy structure of exposition.
- Identify author's message or theme.
- Recognize points of view.
- Use character to understand the story.
- Compare or contrast the behaviors of two characters.
- Identify and interpret figurative language (metaphor, simile, idiom, alliteration, personification, sensory details, repetition).
- Explain how literary devices contribute to the meaning of a literary selection.
- Identify verbal irony.
- Identify subcategories of genre: science fiction, historical fiction, myth or legend, drama, biography/auto biography, folktale, fairytale, nonfiction and essay.
- Identify whether a nonfiction passage is narrative, persuasive or expository.

Writing

- Develop compositions that include a variety of sentence structure (i.e., simple, compound, complex, compound/complex) and sentence types (i.e., interrogative, exclamatory, declarative and imperative).
- Use pre-writing strategies (i.e., webbing, brainstorming, listing, note taking, outlining, graphic organizers.) and language in writing.
- Use the characteristics of a well developed narrative expository and persuasive piece.
- Demonstrate focus, organization, elaboration and integration in a written composition.
- Use the writing process to develop a well written narrative, expository or persuasive piece.

Mathematics

- Identify, describe and classify angles, geometric shapes and solids,
- Plot points in four quadrants
- Find sums of angle in polygons
- Find maximum, minimum, range and medium for a given set of data.
- Construct, read and interpret tables, graphs and charts.
- Represent fractions, decimals, percents, exponents and scientific notation in equivalent forms.
- Converts between fractions and mixed numbers
- Finds greatest common factor and compares fractions.
- Converts fraction to decimals and percents.
- Identify statistical landmarks.
- Use four basic operations and their order to solve problems.
- Estimate appropriately.
- Demonstrate Mental Math strategies with four basic operations.
- Measure length of distance, area, perimeter, weight, volume and temperature using standard and metric units.
- Manipulate and solve algebraic equations.
- Understand and applies exponential notation.
- Solve problems using ration proportions and rates.
- Use probability to predict possible outcomes
- Work with exponents, square roots and integers.
- Write an extended response to a math problem.

Science**Genetics**

- Know how cells function and how they keep an organism alive.
- Recognize how every organism requires a set of instructions for specifying its traits.
- Describe how cells work together and function to sustain life.
- Compare and contrast traits and how they affect organisms.
- Recognize how every organism has a unique set of DNA to identify its traits.

Force and Motion

- Trace and measure motion of vehicles.
- Explain thrust, weight, lift and drag in flight.
- Explain Newton's Law of Motion.
- Make metric mathematical calculations of the average speed, velocity and acceleration.
- Implement problem solving techniques using Newton's Laws of Motion.

Physical Properties of Matter

- Understand how different types of energy are transformed in various situations.
- Participate in experiments to demonstrate how the physical and chemical changes of matter occur.
- Collect data and analyze the results of an experiment.
- Know the relationship among atoms, molecules, elements, and compounds.
- Classify matter accordingly to their properties.
- Differentiate among elements, compounds and mixtures
- Participate in experiments, collect data, and analyze the results of our experiment.

Scientists/Inventors

- Discover contributions to science and technology made by women, cultural and ethnic minorities, and persons with disabilities.
- List a variety of career choices and their relationships to science and technology.
- List ways that a “need” can lead to a technological development.
- Compare technological developments and explain how each one has impacted our society.
- Plan, design and test an original invention.

Social Studies**Ancient Civilizations**

- Understand how the 5 themes of geography provide a framework for understanding world culture.
- Explain how trade and warfare affected ancient civilizations.
- Explain the hierarchy of power in ancient societies.
- Identify people who contributed to the civilizations.
- Identify key information about Medieval Life and the Renaissance period.

Maps Skills/Stone Age

- Describe how early humans adapted to their environment
- Explain how economic choices affected changes in the Old Stone Age and the New Stone Age.
- Tell how people moved goods and communicated before 1500 BCE.
- Compare cultural features of the environment of settled societies with those of hunter gathering cultures.
- Use scale legend, compass rose, and insets to read various types of maps.

U.S. History

- Identify and explain the cause and effect of revolutions and conflicts for America, France, Russia, China, India, Vietnam, Cambodia and the Middle East.

Technology

- Duplicate a written document using a word processor (minimum of 5 paragraphs).
- Create a written document that aligns with the writing rubric.
- Modify and edit a document.
- Open a saved document and print.
- Use the internet to research a topic using search engines and sites provided by the teacher.
- Create a presentation of at least 7 slides. Including a title and a source slide. Include text and graphic.
- Cite Internet resources appropriately.

Music

- Learn the following concepts and demonstrate them in music activities:
 - Rhythm: best division, syncopation, reggae and meter in 3, 6/8.
 - Melody: definite and indefinite pitches; melodic contour-steps, leaps; tonal center; tonality
 - Harmony: types of harmony
 - Tone color: vocal tone color-style and instrumental tone color-ensembles; timbre
 - Form: form of AB, ABA, Rondo, and theme and Variations
 - Expressive qualities: tempo, dynamics, and style
- Sing or play music to demonstrate skills.
- Identify how music occurs in our world and communicate similarities and differences among past and current cultures.

Physical Education

- Demonstrate age appropriate skills in team and individual activities and sports.
- Understand the benefit of fitness; monitor and set goals to improve personal fitness.
- Develop age consistent physical fitness.
- Demonstrate improvements from fall to spring in running speed and endurance, jumping, pull-ups, and abdominal strength.
- Display sportsmanship and teamwork.
- Apply rules and safe procedures in physical activities.

Art

- Show proficiency in understanding of concepts and elements as demonstrated in their artwork.
- Demonstrate an increase in personal involvement, decision-making skills and aesthetic judgment in their art work.

- Demonstrate knowledge of why there are various methods for creating works of art and what those methods are.
- Show knowledge of specific painting, drawing and paper construction processes and techniques using a variety of materials.
- Demonstrate how history, culture and the visual arts can influence each other in making and studying of art works.

Social Skills/Behavior

- Students learn and are expected to demonstrate important personal and social characteristics. The six main categories skills are outlined in the six pillars of Character Counts.
 - 1.) Respect
 - 2.) Responsibility
 - 3.) Caring
 - 4.) Citizenship
 - 5.) Trustworthiness
 - 6.) Fairness

Testing and Assessment

ISAT

- All third through eighth graders in Illinois are given a state assessment to assess Reading and Mathematics skills as they relate to the State Learning Standards. Fourth and seventh grade students are also assessed in the Illinois State Science Standards.

ITBS

- All second through ninth grade students take the ITBS in the spring. The ITBS is a nationally normed test which allows us to compare students' achievement levels to a national norm.

Math Assessment

- All kindergarten through sixth grade students takes an Everyday Math Assessment at the end of each quarter. This assessment tests the secure goals for each quarter.

Reading Assessment

- All Kindergarten through sixth grade students' reading skills are assessed throughout the school year. Teachers use results to analyze strengths and weaknesses and plan for instruction.