



Learning Goals

Grade 4



We prepare learners for the future

Our Mission

The mission of Plainfield Community Consolidated School District No. 202 — the primary source of comprehensive, high-quality education in a trusting, supportive environment — is to develop, at all levels, responsible, successful citizens by providing an education, in cooperation with home and community, which: fosters each individual's value, uniqueness, and importance and promotes lifelong learning in an ever-changing society.

Our Goals

District 202 recognizes the need for a vision that embraces and embodies the desires and aspirations of our learning community. We will encourage and support our students, parents, community, staff, and Board of Education as they dedicate their time, talent, and resources in support and pursuit of these goals.

1. Our Learning Community will be a place where each person can achieve his or her maximum individual potential.
2. Optimal learning cultures, climates, and facilities will be developed and maintained.
3. Communication strategies will create a climate of inclusion, trust, and shared responsibility.
4. Resources will be developed and optimized to fulfill the vision, mission, and goals of the District.

This brochure created by K-5 curriculum committees in all learning areas is intended to provide parents and community members with a listing of important learning goals. The lists do contain all the content or skills that students will experience during the school year for English Language Arts and Math. The lists do not contain all the content or skills that students will experience during the school year for Science, Social Studies and Physical Education/Health. A more complete listing is used by teachers to prepare lessons and activities on a daily basis; however, this list should help parents and teachers as they discuss academic progress.

English Language Arts

OUTCOME A: Apply grade level phonics and word analysis when decoding and read with fluency to support comprehension.

OUTCOME B: Identify, read, analyze and comprehend literature, including stories, dramas, and poetry, for implicit and explicit meanings in grade appropriate text proficiently, with scaffolding as needed at the high end of the range.

OUTCOME C: Locate, read, analyze and comprehend informational texts, including history/social studies, science, and technical texts, for key ideas and details and integrate implicit and explicit knowledge in the grades appropriate text proficiently, with scaffolding as necessary at the high end of the range.

OUTCOME D: Use the writing process to write clear, coherent, and focused multi-paragraph opinion pieces on topics or texts that support a point of view with reasons and information in which the development and organization are appropriate to task, purpose, and audience.

OUTCOME E: Use the writing process to write clear, coherent, and focused multi-paragraph informative/explanatory pieces that examine a topic and convey ideas and information clearly, in which the development and organization are appropriate to task, purpose, and audience

OUTCOME F: Use the writing process to write clear, coherent, and focused multi-paragraph narrative pieces that develop real or imagined experiences or events using effective technique, descriptive details, and clear even sequences, in which the development and organization are appropriate to task, purpose, and audience.

OUTCOME G: Research to build and present knowledge to inform and to support analysis of texts.

OUTCOME H: Collaborate (one-on-one, in groups, and teacher-led) with diverse partners to support speaking and listening comprehension.

OUTCOME I: Create a presentation of integrated knowledge and ideas.

OUTCOME J: Conventions of Standard English: Demonstrate command of the conventions of standard English grammar and usage when writing or speaking and command of the conventions of standard English capitalization, punctuation, and spelling when writing.

OUTCOME K: Vocabulary Acquisition and Use: Decide or justify the meaning of unknown and multiple-meaning words and phrases (including figurative language) based on grade 4 reading and content, choosing flexibly from a range of strategies.

OUTCOME L: Students will read and write in cursive format.

English Language Arts Honors

OUTCOME A: Students apply word analysis skills and decoding strategies to acquire meaning and read with sufficient accuracy and fluency to support comprehension.

OUTCOME B: Students use the writing process to write and communicate clear, coherent, and focused narrative pieces to accomplish a variety of purposes. Students write using standard English conventions.

OUTCOME C: Students use their writing process to write and communicate clear, coherent, and focused informative and explanatory pieces. Students write using standard English conventions.

OUTCOME D: Students read and comprehend a variety of grade level informational text, including history/social studies, science, technical texts, biographies, and autobiographies at a grade appropriate level, independently and proficiently, to analyze for key ideas and details, and to integrate implicit and explicit knowledge.

OUTCOME E: Students read and analyze a variety of literature including stories, dramas, and poetry, for implicit and explicit meanings.

OUTCOME F: Students use the writing process to write and communicate clear, coherent, and focused opinion pieces.

OUTCOME G: Students create a presentation of integrated knowledge and ideas. Students summarize key ideas and themes from a variety of presentations given, including text read aloud and information presented in diverse media formats.

OUTCOME H: Students collaborate (one-on-one, in groups, and teacher-led) with diverse partners to support comprehension.

Math

OUTCOME A: Number Sense Outcome: Students will represent, compare, order, and solve problems involving whole numbers to 1,000,000.

OUTCOME B: Multiplication: Students will apply strategies to solve problems involving operations of whole numbers.

OUTCOME C: Division: Students will apply strategies to solve problems involving operations of whole numbers.

OUTCOME D: Fractions: Students will build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers.

OUTCOME E: Fractions: Students will model, explain, and compare equivalent fractions. Students will recognize and solve problems involving decimal notation for fractions and compare decimal fractions.

OUTCOME F: Measurement: Students will solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit.

OUTCOME G: Geometry: Students will draw and identify lines and angles and classify shapes by properties of their lines and angles.

OUTCOME H: Geometry: Students will measure, calculate, and construct angles and angle measurements.

Math Honors

OUTCOME A: Equivalencies and Place Value: Using various representations, students will read, write, compare and model equivalencies and place value with whole numbers and decimals.

OUTCOME B: Math Computation: Students will solve problems and number sentences including addition, subtraction, multiplication, and division, using multi-digit numbers and decimals, and understand the inverse relationship between operations.

OUTCOME C: Fractions: Students will generate equivalent fractions and use them to add and subtract fractions and mixed numbers with unlike denominators.

OUTCOME D: Fractions: Students will apply and extend previous knowledge of multiplication and division to solve problems and multiply fractions and mixed numbers with like and unlike denominators, divide unit fractions by whole numbers, and use fraction models to represent and solve real world problems.

OUTCOME E: Geometry: Students will model the volume of three-dimensional figures and apply the formula for volume to solve real world problems.

OUTCOME F: Conversions: Students will convert using a given measurement system and use conversions to solve multi-step real-world problems.

OUTCOME G: Numerical Expressions and Patterns and Relationships: Students will write, interpret, and evaluate numerical expressions and analyze patterns to determine the relationship and extend the pattern based on given rules.

OUTCOME H: Represent and interpret data: Students will form ordered pairs, graph points in the first coordinate of the coordinate plane and explain the sequence and create a line plot to display a data set.

Science

Physical Science

- Use evidence to construct an explanation relating the speed of an object to the energy of that object.
- Make observations to provide evidence that energy can be transferred from place to place by sound, light, heat, and electric currents.
- Ask questions and predict outcomes about the changes about the changes in energy that occur when objects collide.
- Apply scientific ideas to design, test, and refine a device that converts energy from one form to another.
- Develop a model of waves to describe patterns in terms of amplitude and wavelength and that waves can cause objects to move.
- Develop a model to describe that light reflecting from objects and entering the eye allows objects to be seen.

Life Science

- Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.
- 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.

Earth Science

- Obtain and combine information to describe that energy and fuels are derived from natural resources and that their uses affect the environment.
- Identify evidence from patterns in rock formations and fossils in rock layers to support an explanation for changes in a landscape over time.
- Make observations and/or measurements to provide evidence of the effects of weathering or the rate of erosion by water, ice, wind, or vegetation.
- Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans.

Social Science

OUTCOME A: Students will research and analyze the Northeast region to determine the geography, government, history, economic, culture, diversity, roles of individuals, and current events.

OUTCOME B: Students will research and analyze the Midwest region and Illinois to determine the geography, government, history, economic, culture, diversity, roles of individuals, and current events.

OUTCOME C: Students will research and analyze the Southeast region to determine the geography, government, history, economic, culture, diversity, roles of individuals, and current events.

OUTCOME D: Students will research and analyze the Southwest region to determine the geography, government, history, economic, culture, diversity, roles of individuals, and current events.

OUTCOME E: Students will research and analyze the West region to determine the geography, government, history, economic, culture, diversity, roles of individuals, and current events.

Fine Arts

Art

OUTCOME A: Students will identify and create contour and gesture line drawings.

OUTCOME B: Students will identify intermediate colors.

OUTCOME C: Students will identify and apply emphasis through the elements of art.

OUTCOME D: Students will identify 3D form focusing on patterns and repetition.

Music – Develop musical knowledge and skills through creating, performing, responding to and connecting to music

OUTCOME CR1: Generate and conceptualize artistic ideas and work.

OUTCOME CR2: Organize and develop artistic ideas and work.

OUTCOME CR3: Revise, refine and complete artistic work.

OUTCOME PR1: Select, analyze and interpret artistic work for presentation.

OUTCOME PR1: Develop and refine artistic techniques and work for presentation.

OUTCOME PR3: Convey meaning through the presentation of artistic work.

OUTCOME RE1: Perceive and analyze artistic work.

OUTCOME RE2: Construct meaningful interpretations of artistic work

OUTCOME RE3: Evaluate a performance using pre-established criteria

OUTCOME CN1: Synthesize and relate knowledge and personal experiences to make art.

OUTCOME CN2: Relate artistic ideas and works with societal, cultural and historical context to deepen understanding.

Physical Education/Health

OUTCOME HA: Understand principles of health promotion and the prevention and treatment of illness and injury.

OUTCOME HB: Understand human body systems and factors that influence growth and development.

OUTCOME HC: Promote and enhance health and well-being through the use of effective communication and decision-making skills.

OUTCOME PA: Acquire movement and motor skills and understand concepts necessary to engage in moderate to vigorous physical activity.

OUTCOME PB: Achieve and maintain a health-enhancing level of physical fitness based on continual self-assessment.

OUTCOME PC: Develop skills necessary to become a successful member of a team by working with others during physical activity.