



Learning Goals

Grade 5



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: 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.

English Language Arts Honors

OUTCOME A: Students will read and analyze grade-level literary texts using reading strategies to determine the meaning of unknown words, story elements, text structure, and point of view.

OUTCOME B: Using the writing process, students will write a narrative that includes descriptive language, a coherent plot, and well-structured event sequences utilizing conventions of standard English.

OUTCOME C: Students will read and analyze multiple, grade-level informational texts to examine topics or issues.

OUTCOME D: Students will write, using conventions of standard English, informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.

OUTCOME E: Using the writing process and conventions of standard English, students will write argument pieces for specified audiences that will include a clear position, appropriate tone, coherent arguments, and reliable evidence.

OUTCOME F: Students will examine and appropriately cite multiple sources to conduct research in order to write and present information.

OUTCOME G: Students will analyze as well as compare and contrast a variety of genres including folktales, myths, fables, poems, novels, and short stories for purpose, structure, theme, content, detail, and effect.

Math

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: Classify two-dimensional figures into categories based on their properties and relate the volume of three-dimensional figures to multiplication and division.

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.

Math Honors

OUTCOME A: Equivalent Expressions – Expressions: Students will write and evaluate expressions.

OUTCOME B: Equivalent Expressions – Equations: Students will write and evaluate equations and inequalities and plot absolute value and inequalities.

OUTCOME C: Number Sense: Students will identify and locate rational numbers on number lines and coordinate planes, analyze relationships between dependent and independent variables and graph linear equations.

OUTCOME D: Number Sense: Students will compute with fractions and decimals without the use of a calculator and using traditional methods.

OUTCOME E: Ratios and Proportions: Students will apply ratio concepts and ratio reasoning to solve problems.

OUTCOME F: Dividing Fractions: Students will apply and extend previous understanding of multiplication and division to divide fractions by fractions and mixed numbers.

OUTCOME G: Geometry: Students will display numerical data in graph form, solve real world problems involving area, surface area, and volume.

OUTCOME H: Stats and Probability: Students will apply the concepts of central tendency to data sets.

Science

Physical Science

- Develop a model to describe that matter is made of particles too small to be seen.
- Measure and graph quantities to provide evidence that regardless of the type of change that occurs when heating, cooling, or mixing substances, the total weight of matter is conserved.
- Make observations and measurements to identify materials based on their properties.
- Support an argument that the gravitational force exerted by Earth on objects is directed down.

Life Science

- Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.
- Support an argument that plants get the materials they need for growth chiefly from air and water.
- Use models to describe that energy in animals' food (used for body repair, growth, and motion and to maintain body warmth) was once energy from the sun.

Earth Science

- Obtain and combine information about ways individual communities use science ideas to protect the Earth's resources and environments.
- Support an argument that differences in the apparent brightness of the sun compared to other stars is due to their relative distances from Earth.
- Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.

Social Science

OUTCOME A: Students will determine continent and ocean locations according to latitude and longitude, cardinal and intermediate directions on a map or globe, and interpret the 5 themes of geography.

OUTCOME B: Students will identify early explorers and explain how their exploration led to the formation of the 13 Colonies.

OUTCOME C: Students will determine the causes that led to the American Revolutionary War and identify the effects of the American Revolution.

OUTCOME D: Students will explain how westward expansion impacted America's growth as a nation and analyze how westward expansion affected the beginning of the Civil War.

OUTCOME E: Students will explain how the difference between the North and the South led to the Civil War and summarize its effects.

Fine Arts

Art

OUTCOME A: Students will identify and apply tints and shades as value.

OUTCOME B: Students will use value to create 3D form on a 2D surface.

OUTCOME C: Students will identify and apply the concepts of space.

OUTCOME D: Students will identify 3D form focused on hand-building techniques.

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.