



Plainfield Community Consolidated
School District 202
www.pcsd202.org

Learning Goals

G r a d e

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 not contain all of the content or skills that students will experience during the school year. 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.

Language Arts

OUTCOME A: Students will use their knowledge of word analysis and relationships, as well as context clues, to determine the meaning of grade-level appropriate vocabulary.

OUTCOME B: Students read and comprehend a variety of nonfiction text such as biographies, autobiographies, periodicals, reference and technical materials, and online information.

OUTCOME C: Students will apply various reading strategies in order to comprehend a wide variety of fiction such as classic and contemporary literature, realistic fiction, fantasy, poetry, drama, and other genres.

OUTCOME D: Students will use the writing process and graphic organizers to write clear, coherent, and focused essays.

OUTCOME E: Students will communicate ideas in writing to accomplish a variety of purposes.

OUTCOME F: Students write using standard English conventions appropriate to this grade level.

OUTCOME G: Students will infer meaning from formal and informal presentations and use standard English conventions to deliver focused, coherent presentations appropriate to the audience.

Mathematics

OUTCOME A: EQUIVALENCIES & PLACE VALUE: Students will demonstrate equivalencies and apply place value from hundred millions to thousandths.

OUTCOME B: FRACTIONS, PERCENTS, DECIMAL AND INTEGERS: Students will solve a variety of problems involving fractions, decimals, percents and integers. They will demonstrate the relationship between fractions, decimals, percents and integers.

OUTCOME C: MATH COMPUTATION: Students will solve problems and number sentences involving addition, subtraction, multiplication, and division using multi-digit numbers, decimals, and fractions.

OUTCOME D: CONVERSIONS: Students will convert using a standard unit of measurement and apply to map interpretation.

OUTCOME E: MEASURING: Students will use the appropriate measurement tools to solve a variety of problems.

OUTCOME F: SEQUENCES: Students will solve a variety of operations involving patterns and sequences.

OUTCOME G: EQUATIONS: Students will solve equations using a variety of informal strategies.

OUTCOME H: TWO-DIMENSIONAL AND THREE DIMENSIONAL SHAPES: Students will classify two and three-dimensional shapes with an emphasis on triangles, and circles.

OUTCOME I: TRANSFORMATIONS: Students will perform transformations with variety of figures.

OUTCOME J: MEASURE OF CENTRAL TENDENCY, GRAPHING AND ORDERED PAIRS: Students will compute measures of central tendency and create and use a variety of graphs.

OUTCOME K: PROBABILITY: Students will find probability of simple events to solve problems.

Accelerated Mathematics

OUTCOME HA: The students will solve problems using the rules of rational numbers.

OUTCOME HB: The students will solve problems using rational numbers, percents, and decimals, including proportions.

OUTCOME HC: The students will compute the area and perimeter of triangles, parallelograms, and irregular shapes and find the volume of rectangular prisms using formulas.

OUTCOME HD: The students will estimate, develop, and utilize measurements of objects, quantities, and relationships.

OUTCOME HE: The students will solve equations and inequalities involving variables and integers using addition and subtraction.

OUTCOME HF: The students will determine a rule from a pattern or table.

OUTCOME HG: The students will apply geometric properties to categorize and draw conclusions about points, lines, and plane figures.

OUTCOME HH: The students will categorize two- and three-dimensional shapes based on their characteristics.

OUTCOME HI: The students will create and compare various graphs that represent the same set of data.

OUTCOME HJ: The students will find the probability of simple events.

Science

OUTCOME A: Students will demonstrate an understanding of the basic structure, organization, characteristics, classification and interdependency of all living things.

OUTCOME B: Students will compare and contrast animals according to their classification groups and how they function, adapt and change in relation to each other and their environment.

OUTCOME C: Students will identify major human body systems and explain the factors that influence growth and development.

OUTCOME D: Students will identify the parts of plants and explain how they function, grow, adapt and change in relation to each other and with their environment.

Art

- Identify lines used to express emotions.
- Differentiate between 2-D shape; 3-D form.
- Produce tints and shades.
- Demonstrate perspective.
- Identify repeated pattern and texture.
- Create lights and darks, tints, and shades to achieve value.
- Repeat line, shape, color, and texture.
- Explore the principle of contrast.
- Utilize balance in composition.
- Integrate a variety of elements to create a unified work of art.
- Discuss variety of artists from the past and present.
- Identify processes and tools used to create art; safe use and care of tools.

Learning Resource/Media

- Locate and use variety of materials in the media center.
- Use electronic library catalog to assist in locating appropriate materials.
- Demonstrate the ability to access information from books, non-book materials, and electronic resources.
- Recognize and read Newbery and Rebecca Caudill Award books.
- Use basic reference tools independently (gazetteer, atlas, almanac, etc.)
- Understand and apply Dewey classification.
- Use cross references for research.
- Develop research skills in all content areas for informational writing.
- Develop a product using a variety of resources.
- Demonstrate techniques for taking notes, paraphrasing, and outlining various texts.
- Utilize skills for creating bibliography appropriate for grade level.
- Utilize technology for researching purposes.

Music

- Perform rests that correspond to all note values previously studied.
- Recognize and perform simple musical notation.
- Visually and aurally identify and categorize orchestral instruments and vocal ensembles.
- Recognize additional forms of music.
- Discuss elements of a musical.

Physical Education

OUTCOME HA: Students will predict benefits of positive social behavior.

OUTCOME HB: Students will name and identify various body systems by structure and function including central nervous and muscular systems.

OUTCOME PA: Students will integrate movement and manipulative skills in team sport and rhythmic activities.

OUTCOME PB: Students will demonstrate and integrate the principles of health related fitness components to activities that contribute to their life long wellness.

OUTCOME PC: Students will apply an understanding of team work, sportsmanship, and cooperation in physical activities.