

Concord Public Schools



Curriculum Overview Grade 5

CPS Mission

To educate all students as lifelong learners, caring citizens, and responsible contributors in our increasingly diverse global society.

CPS Vision

Students of Concord actively seek varied pathways through which they achieve their potential and find joy in learning. They will possess a strong sense of self and embrace their responsibilities as members of our ever-changing local and global communities.

CPS Values

- Belonging • Excellence • Engagement
- Inclusion • Innovation

English Language Arts

The Grade 5 literacy curriculum promotes independence and ownership in reading, writing, listening and speaking with exposure to high-quality literature and non-fiction texts with increasing rigor. Students will acquire essential and effective independent reading habits as they read and discuss texts across subject areas. They will practice effectively communicating through written pieces using evidence and supporting details. Students participate in daily readers' and writers' workshops that include a focus lesson, small group work, and independent practice allowing for differentiated instruction.

Grade 5 Content Standards

Reading

- Read grade-level texts with accuracy and fluency to support understanding
- Determine the theme, summarize important ideas and key details, and make logical inferences
- Provide sufficient evidence to support conclusions

Writing

- Compose pieces across content areas in narrative, opinion, and informative form
- Develop and strengthen writing as needed by planning, drafting, revising, and editing

Speaking & Listening

- Communicate effectively while contributing to a range of discussions

Language Conventions

- Demonstrate command of standard English conventions
- Spell high-frequency and learned spelling patterns when writing
- Acquire new vocabulary across the curriculum

Math

Through the Everyday Math 4 curriculum, students engage in a daily math block with emphasis on the use of concrete, real-life examples of key mathematical concepts, collaborative games, and exposure and practice with multiple problem-solving strategies. Everyday Math is a spiral curriculum; essential content is revisited repeatedly over months and across grades. Content is differentiated to meet student needs to provide a balanced combination of procedure and understanding.

K - 5 Mathematical Practice Standards: Makes sense of problems and persevere in solving them; constructs viable arguments and critiques the reasoning of others; models with mathematics; attends to precision

Grade 5 Content Standards

Operations and Algebraic Thinking

- Write and interpret numerical expressions
- Analyze patterns and relationships

Number and Operations in Base Ten

- Understand the place value system
- Perform operations with multi-digit whole numbers and with decimals to hundredths

Number and Operations—Fractions

- Use equivalent fractions as a strategy to add and subtract fractions
- Apply and extend previous understandings of multiplication and division to multiply and divide fractions

Measurement and Data

- Convert like measurement units within a given measurement system
- Represent and interpret data
- Geometric measurement: understand concepts of volume and relate volume to multiplication and to addition

Geometry

- Graph points on the coordinate plane to solve real-world and mathematical problems
- Classify two-dimensional figures into categories based on their properties

Social Studies

Students look critically at the concepts of democracy and government by studying the ideas and events that led to the independence of the original thirteen colonies (American Revolution), the formation of the New Republic and the U.S. Constitution, sectional conflicts over enslavement that led to the Civil War, and the long struggle for Civil Rights into the 20th century. Students seek to answer these essential questions: *How did geography and climate influence the development of colonial America? What is independence? Why is government important? What are the roles, rights, and responsibilities of citizens of the United States? How do you determine your point of view?*

Science

The elementary science program is designed with inquiry-based experiences that promote the development of science and engineering practices including measuring; observing phenomena; making predictions; collecting, organizing recording, analyzing and interpreting data; formulating and generating questions; forming hypotheses; designing experiments; and drawing conclusions.

Earth Science: Earth and Sun

Physical Science: Mixtures and Solutions

Life Science: Our Water Planet

Technology/Engineering: At the STEAM Lab, Students progress through the steps of the Engineering Design Process as they work collaboratively to come up with solutions to content-aligned challenges.

Specialist Subjects

Art

Students work with a variety of art materials to explore drawing, painting, collage, printmaking and sculpture. All art lessons are sufficiently open ended to encourage individual problem solving at the appropriate developmental level. While the design of the art lessons directs students toward a specific concept or lesson objective, one of the unique aspects of the art curriculum is that there is never a "right answer". Instead, problem solving belongs to each individual student. At all levels, the lessons aim to encourage students to consider the questions: *What is my idea? How can I use what I know about this material to communicate my idea? What visual strategies do I know and what are some new ones I can discover? What can I learn from my classmates during this process?*

Library

Students will independently select print and electronic sources appropriate to the type of information being sought. They will apply effective strategies for searching online and further develop computer technology skills. Digital citizenship topics include media wellness, protecting personal and private information, understanding the importance of a digital footprint, and recognizing acts of cyberbullying and how to react responsibly. They will further develop their understanding of plagiarism, copyright, fair use, and intellectual property. Students will evaluate websites for usefulness and appropriateness, evaluate media messages, and understand the importance of media wellness.

Music

Grade 5 Music is built on a foundation of feeling the steady beat, singing, listening and moving to a varied seasonal and multi-cultural repertory of songs, dances and games that establish the concepts of rhythm, melody, form and harmony. Musical skills are refined through active participation in 2-part singing, playing rhythmic and melodic instruments, reading and writing standard notation, improvisation and composition. Students will continue to explore the ukulele by learning chords and applying them to known songs. In addition, students experience a district-wide "Musician of the Month." Fifth graders may elect to participate in the Orchestra, Band or Chorus programs.

Physical Education

The physical education program focuses on providing children with diverse motor experiences to cultivate healthy attitudes toward exercise. Engaging activities facilitate the development of essential skills such as strength, speed, coordination, self-confidence, and self-image. The curriculum emphasizes mastering skills necessary for participating in advanced games and activities, with ongoing emphasis on cardio-respiratory activities, good (next page)

Physical Education (continued)

...sportsmanship, and fair play. Students are expected to exhibit safe practices, adherence to rules, and positive social interaction during class activities. Social and emotional growth is nurtured through instruction in concepts like cooperation, problem-solving, team building, fair play, and respect for differences.

Spanish

Students receive Spanish instruction with lessons centered on these essential questions: *Who am I? How many countries around the world speak Spanish? In which continents are Spanish-speaking countries located? Who are some Spanish-speaking people who have influenced our culture? What sport reflects the folklore of Mexican culture?* Students learn the Spanish language and Hispanic cultures through direct instruction, stories, songs, videos, games, and varied activities. The topics covered in fifth grade focus on Latin American geography, Hispanic heritage, and contemporary influential people who have made a difference in the United States and Latin America.

Social Emotional Learning

SEL is an integral part of education and human development. It sets the foundation for learning as students learn the concepts and skills that allow them to be self-reliant, work collaboratively, and be positive, respectful members of their school/classroom communities. Through the Responsive Classroom approach, Concord students learn and practice these SEL competencies:

- Self-Management
- Self-Awareness
- Responsible Decision Making
- Social Awareness
- Relationship Skills

