

VPK



VPK Curriculum Overview

Program Goal: To prepare children for kindergarten by developing foundational skills in literacy, math, social-emotional growth, motor skills, and early science through play-based and structured learning.

VPK Curriculum

English Language Arts

- Letter recognition (A-Z)
- Phonemic awareness (beginning sounds, rhyming)
- Vocabulary building through story time
- Name writing and basic sentence formation

Math Readiness

- Number recognition (1-20)
- One-to-one correspondence
- Sorting, patterns, and shapes

- Introduction to simple addition and subtraction with manipulatives

Social-Emotional Development

- Understanding emotions and self-regulation
- Sharing, taking turns, and following directions
- Group play and cooperative activities

Science & Discovery

- Observing weather and seasons
- Basic experiments (sink/float, plant growth)
- Exploring animals, habitats, and the 5 senses

Creative Arts

- Daily art projects (cutting, gluing, painting)
- Music and movement
- Dramatic play and storytelling

Physical Development

- Fine motor: tracing, scissors, lacing
- Gross motor: running, hopping, climbing, ball play

Elementary



Elementary School Curriculum Overview (Grades K-5)

Program Goal: To build a strong academic and social foundation through a well-rounded, standards-aligned curriculum that nurtures critical thinking, creativity, character, and curiosity.

Kindergarten Curriculum

English Language Arts

- Recognize all letters (uppercase/lowercase)
- Identify letter sounds and beginning phonics
- Read basic sight words (e.g., "the," "and," "I")
- Retell stories with beginning, middle, and end
- Print first and last name; write simple sentences

Math

- Count to 100 by 1s and 10s

- Recognize and write numbers to 20
- Compare numbers (greater/less than)
- Identify basic shapes and patterns
- Introduction to addition and subtraction within 10

Science

- Explore the 5 senses
- Observe weather and seasons
- Understand living vs. nonliving things
- Introduction to plant and animal needs

Social Studies

- Learn about self, family, and community helpers
- Identify U.S. symbols (flag, pledge)
- Basic map skills (direction, globe)
- Learn classroom rules and responsibilities

1st Grade Curriculum

English Language Arts

- Decode simple words with phonics
- Read and understand grade-level texts

- Introduce punctuation and capitalization
- Write short paragraphs and personal narratives
- Identify story elements (character, setting, plot)

Math

- Addition/subtraction within 20
- Understand place value to 100
- Measure using nonstandard and standard units
- Tell time to the hour/half-hour
- Identify coins and their values

Science

- Observe light, sound, and motion
- Explore life cycles of plants and animals
- Weather patterns and the water cycle
- Introduction to basic experiments

Social Studies

- Learn about community, rules, and citizenship
 - U.S. holidays and historical figures
 - Begin timeline and sequencing skills
 - Explore local geography and maps
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2nd Grade Curriculum

English Language Arts

- Read fluently and with comprehension
- Expand vocabulary and spelling patterns
- Write opinion, narrative, and informative texts
- Use correct punctuation and grammar
- Identify main idea and supporting details

Math

- Add/subtract within 100 with regrouping
- Work with even/odd numbers, arrays
- Understand simple fractions ($\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$)
- Measure length in inches/centimeters
- Time to nearest 5 minutes; solve word problems

Science

- States of matter (solid, liquid, gas)
- Life cycles and habitats
- Earth changes (erosion, volcanoes)
- Simple tools and scientific observations

Social Studies

- Study neighborhoods and communities
 - Understand government basics and symbols
 - Compare past and present
 - U.S. map and continents/oceans
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3rd Grade Curriculum

English Language Arts

- Read and analyze fiction and nonfiction
- Write multiple paragraph essays
- Use correct grammar, spelling, and punctuation
- Identify themes, point of view, and text structure
- Use dictionaries and glossaries

Math

- Master multiplication/division facts
- Multi-digit addition and subtraction
- Understand area, perimeter, and measurement
- Fractions on a number line
- Data interpretation (graphs, tables)

Science

- Investigate force, motion, and energy
- Study plant/animal adaptations
- Earth's resources (rocks, soil, water)
- Conduct structured scientific experiments

Social Studies

- U.S. geography and regions
 - Local and national government roles
 - Early American history and explorers
 - Interpret timelines, maps, and charts
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4th Grade Curriculum

English Language Arts

- Read grade-level literature and informational texts
- Analyze character traits, theme, and setting
- Write essays with clear structure and evidence
- Use more complex grammar and vocabulary
- Summarize and paraphrase text

Math

- Multiply/divide multi-digit numbers

- Add/subtract fractions and decimals
- Understand angles and geometry
- Measure using metric and customary units
- Problem-solving with word problems

Science

- Electricity and magnetism
- Food chains/webs and ecosystems
- Earth's rotation, weathering, and erosion
- Scientific method and investigations

Social Studies

- Florida or state history (varies by location)
- Native Americans and colonization
- U.S. Constitution and government branches
- Map and globe reading skills

5th Grade Curriculum

English Language Arts

- Read and analyze complex texts (fiction, nonfiction, poetry)
- Write multi-paragraph argumentative and informative texts

- Develop research and citation skills
- Use figurative language and advanced vocabulary
- Interpret themes, symbolism, and author's purpose

Math

- Add, subtract, multiply, divide decimals and fractions
- Understand volume and advanced geometry
- Coordinate planes and graphing
- Multi-step word problems with all operations
- Introduction to basic algebraic thinking

Science

- Cells, human body systems
- Chemical vs. physical changes
- Solar system and space exploration
- Engineering design and inquiry-based experiments

Social Studies

- U.S. history: from colonization to Reconstruction
- Civics: Constitution, Bill of Rights, democracy
- Geography: U.S. states, capitals, landforms
- Economics and government systems

Middle



Middle School Curriculum Overview (Grades 6–8)

Program Goal: To provide students in grades 6–8 with a rigorous, well-rounded education that fosters academic, social, and emotional growth during the pivotal transition from childhood to adolescence. This is achieved through a standards-based curriculum, character development, and meaningful real-world learning experiences.

6th Grade Curriculum

English Language Arts

- Read and analyze fiction, nonfiction, and poetry
- Identify theme, tone, and author's purpose
- Use textual evidence in writing and discussion
- Write narrative, informative, and argumentative essays
- Develop grammar, sentence structure, and vocabulary skills

Math

- Ratios and proportional relationships
- Multiplication and division of fractions
- Operations with decimals and integers
- Introduction to expressions and equations
- Geometry basics: area, surface area, and volume

Science

- Scientific inquiry and lab safety
- Earth's systems: weather, climate, and natural disasters
- Cells and microorganisms
- Energy, motion, and simple machines
- Human impact on the environment

Social Studies (World History & Geography)

- Study of ancient civilizations: Egypt, Greece, Rome, Mesopotamia
- Geography skills: maps, regions, continents, and resources
- Study of early religions and world cultures
- Introduction to world trade and cultural diffusion
- Explore early African civilizations (e.g., Kush, Mali, Songhai) and their global contributions as part of Black History integration

7th Grade Curriculum

English Language Arts

- Literary analysis of novels, plays, and nonfiction
- Writing structured essays with claims and evidence
- Research projects using credible sources
- Advanced grammar, sentence fluency, and editing
- Figurative language and literary devices

Math

- Proportional reasoning and percent problems
- Linear equations and inequalities
- Area, volume, and surface area of 2D/3D shapes
- Statistics and probability
- Operations with rational numbers (positive/negative numbers, fractions, decimals)

Science

- Life science: cells, genetics, heredity
- Human body systems
- Ecology and environmental science
- Scientific method and data interpretation
- Earth and space systems (as applicable)

Social Studies (Civics & Government)

- Study of the U.S. Constitution and Bill of Rights

- Roles of government and the rights/responsibilities of citizens
 - Study of federal, state, and local government
 - Exploration of civic duties, elections, and economics
 - Highlight contributions of African American leaders in government and civil rights (e.g., MLK Jr., Sojourner Truth, Frederick Douglass) and the ongoing fight for equality
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8th Grade Curriculum

English Language Arts

- Analyze complex texts, including historical and scientific writing
- Explore diverse authors and cultural perspectives
- Write multi-paragraph argumentative and informative texts
- Develop research and citation skills
- Public speaking and structured debate

Math

- Pre-Algebra or Algebra I (based on placement)
- Solve multi-step equations and inequalities
- Work with functions, graphing, and coordinate planes
- Apply geometry concepts: volume, surface area
- Real-world problem-solving and math modeling

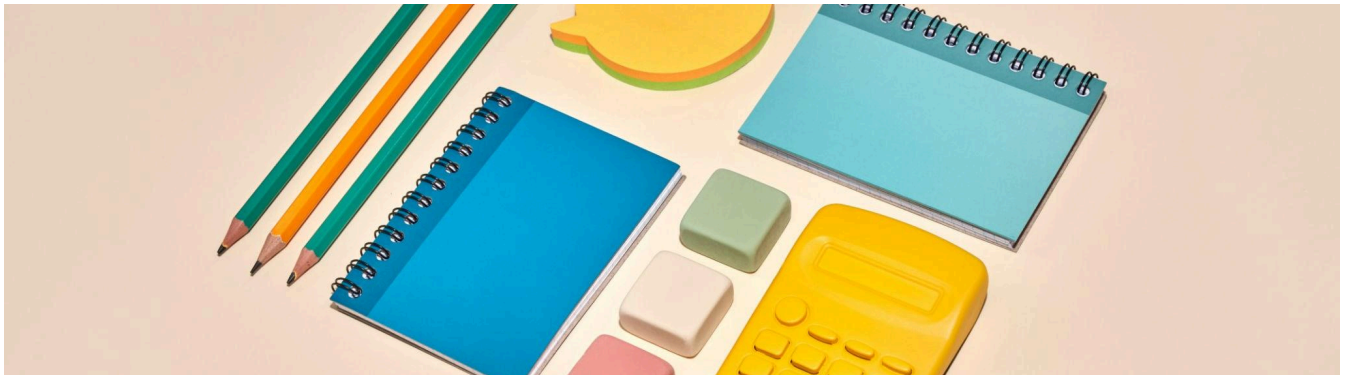
Science

- Physical science: matter, atoms, and chemical reactions
- Newton's laws of motion and forces
- Electricity and magnetism
- Scientific experiments and lab reports
- Renewable and nonrenewable energy

Social Studies (U.S. History)

- U.S. history from colonization through Reconstruction
- Founding documents and formation of the Constitution
- Civil War causes, consequences, and key figures
- Industrialization and westward expansion
- Integrate Black History through the study of slavery, resistance, abolition, Reconstruction, Black lawmakers, and post-war civil rights challenges

High



High School Curriculum Overview (Grades 9–12)

Program Goal: To equip students in grades 9 through 12 with the academic knowledge, critical thinking skills, and personal development necessary to succeed in college, careers, and life. Through a rigorous and diverse curriculum, we foster intellectual curiosity, cultural awareness, and responsible citizenship, preparing students to navigate and contribute meaningfully to an ever-changing global society.

9th Grade Curriculum

English Language Arts

- Analyze complex literature and nonfiction
- Write analytical essays, research papers, and narratives
- Develop critical reading and discussion skills
- Study grammar, vocabulary, and rhetoric
- Explore themes related to identity and society

Mathematics

- Algebra I or Geometry (depending on placement)
- Linear equations, inequalities, and functions
- Geometric reasoning and proofs (Geometry)
- Problem-solving with real-world applications

Science

- Biology with lab investigations
- Study of cells, genetics, and ecosystems
- Introduction to scientific methodology and research

Social Studies

- World History or Geography
- Study of ancient to modern civilizations
- Cultural, political, and economic systems
- Integration of Black History: contributions of African and African American individuals in global history

10th Grade Curriculum

English Language Arts

- Study world literature and diverse authors
- Write persuasive, expository, and narrative texts

- Advanced research and citation techniques
- Analyze rhetorical devices and argumentation

Mathematics

- Geometry or Algebra II (depending on track)
- Quadratic functions and polynomials
- Trigonometry basics
- Data analysis and probability

Science

- Chemistry with lab experiments
- Atomic structure, chemical reactions, and periodic trends
- Applications of chemistry in the real world

Social Studies

- U.S. History
- Exploration of founding principles, civil rights, and social movements
- Integration of Black History: focus on African American leaders and milestones in U.S. history

11th Grade Curriculum

English Language Arts

- American literature and critical analysis
- Research projects and argumentative writing
- Study of diverse cultural perspectives
- Preparation for standardized tests (SAT/ACT)

Mathematics

- Algebra II or Pre-Calculus
- Functions, logarithms, and sequences
- Trigonometry and analytic geometry
- Problem-solving and modeling

Science

- Physics or advanced Biology/Chemistry
- Study of forces, motion, energy, or cellular biology
- Lab work emphasizing scientific inquiry

Social Studies

- U.S. Government and Civics
- Study of political systems, rights, and responsibilities
- Integration of Black History: African American political and civic contributions

12th Grade Curriculum

English Language Arts

- British and World literature
- Advanced composition and research
- Exploration of literary themes and criticism
- Capstone projects and presentations

Mathematics

- Pre-Calculus, Calculus, or Statistics (based on track)
- Advanced problem-solving and mathematical reasoning
- Real-world applications and college readiness

Science

- Advanced Science electives (Physics, Chemistry, Environmental Science, or Anatomy)
- Emphasis on lab research and scientific communication

Social Studies

- Economics and contemporary issues
- Global studies and current events
- Integration of Black History: emphasis on contemporary African American culture and contributions to society