

James H. Vernon School

2023-2024

# Curriculum Guide

Grade

5

*Empowering ALL Students to Achieve Excellence*

## ENGLISH LANGUAGE ARTS / READING

English Language Arts is aligned with the New York State Next Generation Learning Standards and Teachers College, Columbia University's philosophy. Students practice reading critically and writing purposefully.

### READING

With a focus on fluency, accuracy, and comprehension, students read independently, in partnerships, and in book clubs. Units of study include but are not limited to:

- Character Study & Theme Analysis
- Non-Fiction: Tackling Complexity & Debatable Issues
- Book Clubs: Interpretation & Fantasy

### WRITING

With a focus on process writing, students practice developing ideas, drafting, revising, and editing. Units of study include but are not limited to:

- Personal Narrative
- Essays: Research-Based Argument, Literary, & Comparative
- Fantasy Stories



*In addition, students are prepared for the New York State English Language Arts Assessment.*

## MATHEMATICS

The mathematics curriculum is aligned with the New York State Next Generation Learning Standards and students are provided with a variety of instructional strategies that promote mathematical concepts. Students develop the ability to communicate mathematical ideas and refine their ability to solve problems. Units of study include:



- Place Value
- Operations With Fractions
- Operations With Decimals
- Converting Units
- Measurement and Data
- Geometry
- Introduction to Algebra

*In addition, students are prepared for the New York State Mathematics Assessment.*

## SCIENCE

Students will apply scientific and engineering practices to explore and explain scientific phenomena. Throughout the year, students will develop an understanding of and make connections between the following core disciplinary ideas:



- The Earth System and Human Activity
- Patterns of Earth and Sky
- Matter and Its Interactions
- Ecology
- Windmills and Turbines

*In addition, students are prepared for the New York State Science Assessment.*

## SOCIAL STUDIES

The fifth grade curriculum focuses on the geography and history of the Western Hemisphere – the United States, Canada, and Latin America. Emphasis will be placed on geographic/map skills and social/cultural understandings.



Additionally, Western Hemisphere topics including the following will be examined:

- European/Native American Encounters
- Slavery
- Political Systems
- Economics

## MANDARIN

The fundamental goal of the World Language in the Elementary School (WLES) program is to create opportunities for ALL students to become active participants in communication, expression, and the negotiation of meaning in



a world language for 45 minutes every day. The Mandarin program provides authentic quality instruction with a focus on developing listening and speaking skills and an awareness of Chinese culture. Instructional methods including visuals, manipulatives, and realia are a crucial part of the WLES classroom, and the typical lesson plan includes songs, dance, rhymes, games, play-acting with puppets, and other age-appropriate physical activities.



## TECHNOLOGY

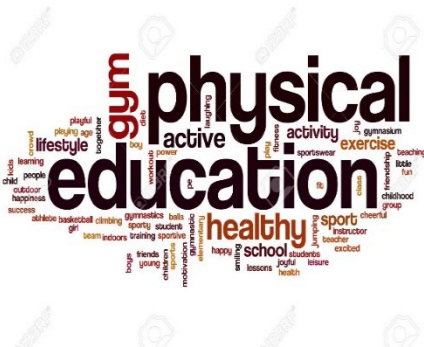
Students learn how to use technology productively and safely. Throughout the curriculum, students build an understanding of the essential features of digital technologies, why and how they work, and how to communicate and create using those technologies:

# Technology & Learning

- Google Suite and Office 365 Tools
- Digital Citizenship and Literacy
- Computational Thinking (Robotics and Coding)
- Keyboarding
- Cyber Security

## PHYSICAL EDUCATION

The P.E curriculum is age appropriate and conducted in a safe, healthy environment. Students have lockers and change clothes. Team building and personal growth form the foundation of the program. Activities include:



- Fitness
- Track and Field and Team Sports
- Project Adventure

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John Pardue, Assistant Principal

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Anastasia Smith, Assistant Principal

### **Theodore Roosevelt Administration**

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