

James H. Vernon School

2023-2024

# Curriculum Guide

Grade

4

*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
- Non-Fiction: High-Interest & Content Area
- Book Clubs: Historical Fiction, Content Area, & Interpretation

### WRITING

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

- Fiction: Personal & Historical
- Essays: Literary & Argument
- Information



*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 encompasses a variety of both computational and conceptual skills. Topics include:



- Place Value
- Represent and Interpret Data
- Geometry and Measurement
- Multi-Digit Multiplication and Division
- Fractions and Decimals

*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:



- Energy
- Earth: Features and Processes
- Waves and Information
- Life: Structures and Functions

## SOCIAL STUDIES

The social studies curriculum in fourth grade focuses on New York State and local communities and their changes over time, incorporating the study of geography, history, economics, and government.

### Topics include:

- Native Americans
- Early Explorers
- Colonial Life
- American Revolution
- New York State Government & Economics
- Rights and Freedoms
- Industrial Revolution & New Technology
- Immigration



### Skill Development:

- Maps, timelines, graphs, & diagrams
- Cause/Effect relationships
- Research techniques
- Distinguishing fact from opinion

## MUSIC

Students develop musical skills as well as an appreciation of music through:



- Integration into subject area curriculum
- Classroom instrument instruction and vocal instruction focusing on creating, performing, and responding in a music community setting
- Music history



## TECHNOLOGY

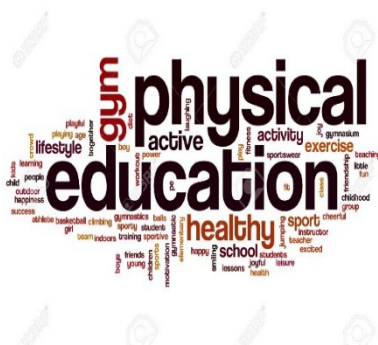
Students learn how to use technology productively and safely. Throughout the curriculum, students build an understanding of the essential features of digital technologies, why and how they work, and how to communicate and create using those technologies:

# 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. Team building and personal growth form the foundation of the program. The activities include:



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

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John Pardue, Assistant Principal

## James H. Vernon

### Administration

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Anastasia Smith, Assistant Principal

## Theodore Roosevelt

### Administration

Devra Lee Small, Principal



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***Empowering ALL Students to Achieve Excellence***

