

## Parent Orientation Fall 2021 – 4<sup>th</sup> Grade

### I. Overview of 4<sup>th</sup> Grade State Exams

ELA: March 29 – March 31 (3 days)

Math: April 26 – April 28 (3 days)

Science (Written): June 6

Science (Performance): Date ranges from May 24 – June 3

### II. Reading Expectations:

- a. Students are expected to read a minimum of 40 minutes each night and 60 minutes each night beginning in December. *Research has shown that students should be reading at least one hour a day to stay on grade level. Students behind grade level need to read even more.*
- b. Students are expected to read books at their individual level to practice various comprehension strategies taught in class.
- c. Students are expected to respond to their reading orally and through writing. They are also expected to complete a reading log each night.

**\*Reading is the most important homework your child receives each night.**

### III. Writing Expectations:

- a. Students will go through the writing process of planning, drafting, revising, and editing before it is considered a final product.
- b. Students will be writing for different purposes (poetry, persuasive essays and opinion papers, literary essays, and informational writing—including research and biography).
- c. Students' finished writing must:
  - a. Have a beginning, middle, and end
  - b. Demonstrate the use of basic punctuation skills
  - c. Have most words spelled correctly

### IV. Math:

- a. Units are taught through the Investigations Math Curriculum to support computational and conceptual understanding. Units included are: number sense, multiplication and division of multi-digit numbers, geometry including perimeter, area, and volume, and addition and subtraction of fractions and decimals.

### V. Social Studies:

- a. Students will study the development of America as a nation.
- b. Students will work as historians by investigating multiple sources, considering multiple perspectives, and thinking about cause and effect relationships.

#### Social Studies Units in 4th Grade

- a. New York's First Inhabitants – Native Americans
- b. The Age of Exploration
- c. Colonialism in America
- d. The American Revolution

### VI. Science:

Units are taught through the FOSS Science Curriculum to support participation in scientific investigations and analysis.

- a. Water and Climate
- b. Environment
- c. Energy

# 2021年秋季家長開放日

## 四年級

### I. 概述4年級紐約州考試

英語語文 - 2022年3月29日至31日(3天)

數學 - 2022年4月26日至28日(3天)

科學(書面):6月6日

科學(表演):5月24日 - 6月3日

**\*\*你孩子考試的日期將於稍後公佈。**

### II. 閱讀期望

a. 學生每天晚上至少要閱讀40分鐘, 及在十二月開始每天晚上閱讀60分鐘

有研究表明,學生閱讀至少一小時才可以追上年級水平, 落后于年級水平的學生更需要讀更多時間.

b. 學生讀的書要適合在他們的個人水平, 才能理解在課堂上講授之不同策略.

c. 學生應通過口頭和書面回應他們的閱讀. 每天晚上他們要完成一個閱讀記錄.

**\*\*閱讀是最重要的功課之一, 您的孩子需要每天晚上閱讀**

### III. 寫作的期望

a. 學生將通過規劃的寫作過程, 計劃, 起草, 編輯和修改來完成最終成品.

b. 學生將寫不同目的文章(如詩歌, 議論文和論文, 文學, 散文和信息寫作, 包括研究和傳記).

c. 學生的寫作成品必須:

i. 包含開始, 中間和結尾

ii. 展示如何使用基本的標點符號技能

iii. 拼寫大部分正確的字

### IV. 數學概述

a. 單元的教授通過調查數學課程, 以支持計算和概念理解. 單元包括: 多位數的乘法和除法, 幾何的概念, 包括周長, 面積和體積, 和分數和小數的加減法.

### V. 社會科學

a. 學生將學習美國作為一個國家的發展.

b. 學生將似歷史學家的角色來調查不同資料, 從多角度思考及考慮因果關係.

#### 單元包括:

1. 紐約最早的居民 - 土著美國人

2. 探險時代

3. 早期殖民

4. 美國革命

### VI. 科學

使用Foss科學課程教學單元, 以支持參與科學調查和分析。

1. 水與氣候

2. 環境

3. 能源