3rd-5th Grade
SUBJECT AREA

## Writing and Reading Enrichment (3-4-5)

The Elementary English Language Arts courses provide students with a rigorous and comprehensive look at the ELA standards, focusing on reading foundational skills, reading comprehension strategies through informative and literature texts, writing, grammar, and speaking and listening skills.

Students will participate in informative, narrative, and opinion writing compositions throughout the course. Throughout the English Language Arts courses, students will explore a myriad of topics through integration across content areas. Each grade level of the ELA suite will surround student learning with an adventure filled theme, showing students that learning really is the great adventure.

### 3rd Grade

| Prefixes | Suffixes | Homophones | What is a Double Negative? |
|---|---|---|---|
| Context Clues Lesson for Kids | Making Real-Life Connections Between Words & Their Use | Distinguishing Shades of Meaning | Differences between Spoken & Written Language |
| Response to text | Writing Response RACE | Writing Response RACE | Writing Response RACE |
| Word families | Correct Spelling | Syllables | |

### 4th Grade

| Writing Process | Topic Sentences | Paragraphs | Transition Words |
|---|---|---|---|
| Examples of Dialogue | How to Use Descriptive Details & Sensory Language in Your Writing | The Importance of Using Precise Language in Writing | Narrative Essay |
| Narrative Essay Introduction | Narrative Essay Body Paragraphs | Writing a Conclusion for a Narrative Essay | Brainstorming |
| Rough Draft | Revision | Editing | |

## 5th Grade

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|---|---|---|---|
| Writing Process | Topic Sentences | Paragraphs | How to Write an Opinion Piece |
| Creating an Organizational Structure for an Opinion Piece | Providing Reasons in an Opinion Piece | Essay Writing: Lesson for Kids | Opinion Essay Introduction |
| Opinion Essay Introduction | Opinion Essay Body Paragraphs | Writing a Conclusion for an Opinion Essay | Brainstorming for an Opinion Essay |
| Rough Draft of an Opinion Essay | Revision an Opinion Essay | Editing an Opinion Essay | Publishing an Opinion Essay |

## Math

**Math Achievement , Grades 3rd-4th**

Math adventures will review concepts learned in grades 3-4 using hands on activities, manipulatives, board games, and computer games. The concepts covered will include:

### Grade 3

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|---|---|---|---|
| Generate and organize data. | Rotate tape diagrams vertically. | Create scaled bar graphs. | Solve one- and two-step problems involving graphs. |
| Create ruler with intervals, and generate measurement data. | Interpret measurement data from various line plots. | Represent measurement data with line plots. | Represent measurement data with line plots. |
| Analyze data to problem solve. | Analyze data to problem solve | | |
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### Grade 4

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|---|---|---|---|
| Use metric measurement to model the decomposition of one whole into tenths. | Use metric measurement and area models to represent tenths as fractions greater than 1 and decimal numbers | Represent mixed numbers with units of tens, ones, and tenths with place value disks, on the number line, and in expanded form. | Use meters to model the decomposition of one whole into hundredths. Represent and count hundredths. |
| Model the equivalence of tenths and | Use the area model and number line to | Model mixed numbers with units of hundreds, | Use understanding of fraction equivalence to |

| hundredths using the area model and place value disks. | represent mixed numbers with units of ones, tenths, and hundredths in fraction and decimal forms | tens, ones, tenths, and hundredths in expanded form and on the place value chart. | investigate decimal numbers on the place value chart expressed in different units. |
|---|---|---|---|
| Use the place value chart and metric measurement to compare decimals and answer comparison questions | Use area models and the number line to compare decimal numbers, and record comparisons using <, >, and =. | Compare and order mixed numbers in various forms. | Apply understanding of fraction equivalence to add tenths and hundredths. |
| Add decimal numbers by converting to fraction form. | Solve word problems involving the addition of measurements in decimal form. | Express money amounts given in various forms as decimal numbers. | Solve word problems involving money. |

## Math Achievement , Grades 5th-6th

This course is designed to encourage the ongoing development of math skills. The activities of Math 5/6 incorporate the concepts of addition, subtraction, multiplication, division, place value, fractions, decimals, percentages, graphing, and probability. Students will strengthen their number sense, review math vocabulary, and apply math skills to problem solving activities.

### Grade 5

| Construct a coordinate system on a line. | Construct a coordinate system on a plane. | Name points using coordinate pairs, and use the coordinate pairs to plot points. | Investigate patterns in vertical and horizontal lines, and interpret points on the plane as distances from the axes. |
|---|---|---|---|
| Investigate patterns in vertical and horizontal lines, and interpret points on the plane as distances from the axes | Plot points, use them to draw lines in the plane, and describe patterns within the coordinate pairs | Generate a number pattern from a given rule, and plot the points. | Generate two number patterns from given rules, plot the points, and analyze the patterns. |
| Compare the lines and patterns generated by addition rules and multiplication rules. | Analyze number patterns created from mixed operations. | Create a rule to generate a number pattern, and plot the points. | Construct parallel line segments on a rectangular grid. |
| Construct parallel line segments, and analyze relationships of the coordinate pairs. | Construct perpendicular line segments on a rectangular grid. | Construct perpendicular line segments, and analyze relationships | Draw symmetric figures using distance and angle measure from the line of symmetry. |

| | | of the coordinate pairs. | |
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## **Grade 6**

| Posing Statistical Questions | Displaying a Data Distribution | Creating a Dot Plot | Creating a Histogram |
|---|---|---|---|
| Describing a Distribution Displayed in a Histogram | Describing the Center of a Distribution Using the Mean | The Mean as a Balance Point | Variability in a Data Distribution |
| The Mean Absolute Deviation (MAD). | Describing Distributions Using the Mean and MAD | Describing Distributions Using the Mean and MAD | Describing the Center of a Distribution Using the Median |
| Describing Variability Using the Interquartile Range (IQR) . | Describing Variability Using the Interquartile Range (IQR) | | |

| Grade | *Class option | Time | Fall Session 14/ Spring Session 14 | Tuition |
|---|---|---|---|---|
| 年级 | 班级 | 上课时间 | 9/23-5/24, Fall 9/23 - 1/23, Spring 1/27 - 5/24 | 14weeks/28weeks |
| Grade 3/三年级 | Math Achievement | Tue | 4:30-5:25 pm | $350/$680 |
| | English Reading & Writing | Thurs | 4:30-5:25 pm | $350/$680 |
| Grade 4/四年级 | Math Achievement | Tue | 4:30-5:25 pm | $350/$680 |
| | English Reading & Writing | Thurs | 4:30-5:25 pm | $350/$680 |
| Grade 5/五年级 | Math Achievement | Tue | 5:30-6:25 pm | $350/$680 |
| | English Reading & Writing | Thurs | 5:30-6:25 pm | $350/$680 |

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