Primary Mathematics 5A/5B Syllabus

2021-2022

Teacher: Kevin Li

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Welcome to 5th grade math

**Bio:**

My name is Kevin Li, and I am currently a sophomore at Hamilton High. Math has been my passion and I have attended many mathleague and mathcount contests. Currently, I am taking Multivariable Calculus. I have tutored weekly for the past four semesters through Oakland salvation army. My students range from 2nd grade to 10th grade. I am very excited to be a teacher to the incoming students this year.

**Materials**

1. Notebook(composition or spiral)
2. Writing utensil(pen or pencil)
3. Primary Mathematics 5A and 5B(workbook and textbook)

**Course Topics**

**Semester 1**

1. Whole Numbers

-Place Values

-Millions

-Approximation and Estimation

-Multiplying by Tens, Hundreds or Thousands

-Dividing by Tens, Hundreds or Thousands\

-Order of Operations

-Word Problems

1. Multiplication and Division by a 2-digit Whole Number

-Multiplication

-Division

1. Fractions

-Fraction and Division

-Addition and Subtraction of Unlike Fractions

-Addition and Subtraction of Mixed Numbers

-Product of a Fraction and a Whole Number

-Product of Fraction

-Dividing a Fraction by a Whole Number

-Word Problems

1. Area of Triangle

-Finding the Area of a Triangle

1. Ratio

-Finding Ratio

-Equivalent Ratios

-Comparing Three Quantities

1. Angles

-Measuring Angles

-Finding Unknown Angles

**Semester 2**

1. Decimals

-Approximation and Estimation

-Multiplication by Tens, Hundreds or Thousands

-Division by Tens, Hundreds or Thousands

-Multiplying by a 2-digit Whole Number

-Conversion of Measurements

1. Percentage

-Percent

-Writing Fractions as Percentages

-Percentage of a Quantity

1. Average

-Average

1. Rate

-Rate

1. Graphs

-Line Graphs

1. Triangles

-Sum of angles of a Triangle

-Isosceles and Equilateral Triangles

-Drawing Triangles

1. 4-sided Figures

-Parallelograms, Rhombuses and Trapezoids

-Drawing Parallelograms and Rhombuses

1. Tessellations

-Tiling Patterns

1. Volume

-Cubes and Cuboids

-Finding the Volume of a Solid

**Homework and Semester Exams:**

Homework will be assigned every week in class and sent in the weekly emails as a

reminder. Any questions about the homework can be asked at the beginning of the next class. There will be one midterm exam and one final exam, so there will be a total of two-semester exams. However, if I feel there is a need, there may be assigned short quizzes throughout the year as well.

**Attendance:**

If there is ever a reason that you’re absent, try to notify me in advance to get your

missing work or check my weekly emails to stay updated. My personal email and phone number is at the top of the syllabus.

I am overjoyed to be your teacher this year. I look forward to teaching you, and especially getting to know you all individually. Let’s work together to make this school year a great one!

Parents, please sign below if you have read and understand the syllabus. If you have

any concerns, please don’t hesitate to contact me!

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Student Name Student Grade

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Parent Signature Parent Email