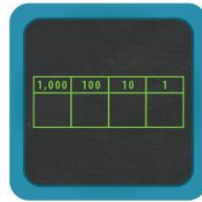# Chinese School Grade 4–5 Math Curriculum 印城中文学校

In this class, instructional time should focus on these critical areas:

1. developing understanding and fluency with multi-digit multiplication and developing understanding of dividing to find quotients involving multi-digit dividends;

2. developing an understanding of fraction equivalence, addition, and subtraction of fractions with like denominators, and multiplication of fractions by whole numbers;

3. understanding that geometric figures can be analyzed and classified based on their properties, such as having parallel sides, perpendicular sides, particular angle measures, and symmetry.

4. developing fluency with addition and subtraction of fractions, and developing understanding of the multiplication of fractions and of division of fractions in limited cases (unit fractions divided by whole numbers and whole numbers divided by unit fractions);

5. extending division to 2-digit divisors, integrating decimal fractions into the place value system and developing understanding of operations with decimals to hundredths, and developing fluency with whole number and decimal operations; and

6. developing understanding of volume.

7. Every class we will practice some fun math questions.



### Introduction overview

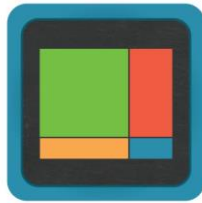The first week of school is focused on math overview and get to know each other.



### Whole numbers

Within the base ten number system, a digit increases in value by a magnitude of ten when shifted from right to left within a number and decreases by a magnitude of ten when shifted from left to right.



### Whole numbers addition and Subtraction
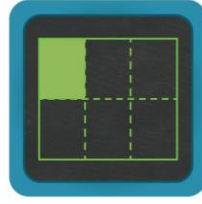


### Multiplication up to three digits



### Division



### Area and Volume

**Addition and Subtraction with Fractions**

**Multiplication with fractions and decimals**

**Algebra**

35
7    5

**Geometry**

**Data Analysis**