

U.S. Math

4^{eme} (8th Grade) [1 period per week]

Ms. Emily Noble

Course Description

Once every week, students in 8th grade will study math in English. During these lessons, students will practice a range of math skills that will, for the most part, also be covered in their French math class. This will help our students learn vocabulary related to math in English from a younger age and, in some cases, students will also be exposed to different math procedures than the French curriculum. While this class aims to bridge the gap between the French curriculum and the US curriculum, it is NOT equivalent to the CCSS 8th grade math curriculum, and instead serves its purpose as a skills based class for students to practice math through the English language.

This is a non-exhaustive list of topics. The order and the topics themselves may change.

Timeline

Semester 1

- Percentages (using Proportions)
- Percentages & Unit Rates
- Geometry: Area & Surface Area of 2D & 3D Shapes
- Geometry: Volume of Square-based Shapes
- Geometry: Volume of Circle-based Shapes
- Statistics: Mean, Median, Mode & Range
- Statistics: Scatter Plots

Semester 2

- Exponents & Negative Exponents
- Exponents & Square Roots
- Scientific Notation
- Pythagorean Theorem
- Probability
- Coordinates & Line Equations
- Graphing Line Equations
- Introduction to Slope