

Grade 6 MATH, Ms. Powers

Supplies:

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| 1 BOX of TISSUES (Advisory ONLY) | 2 Sturdy 2-Pocket FOLDERS |
| 2 or more packets of LOOSELEAF PAPER
(^^ to be kept in locker ^^) | 5 or more PENCILS |
| 1 SHARPENER with COVER | 2 NOTEBOOKS (Advisory ONLY) |
| 1 HIGHLIGHTER | 1 NOTEBOOK (other Advisories) |
| 1 RULER with STANDARD and METRIC divisions | 1 good ERASER |
| 1 REAM of COPY PAPER (Advisory ONLY) | |

Students will be using lockers with combination locks. You may want to purchase a combination lock and practice opening it before the start of the school year.

- **Khanacademy.org** is an excellent resource. In preparation for 6th grade Math, you may want to CREATE AN ACCOUNT and work on the 5th Grade MATH Course.

** To see your child's progress, Parents/Guardians can create a Parent Account on Khan Academy and link your child's account to yours. Here is an explanation on how to do that:

<https://support.khanacademy.org/hc/en-us/articles/360040168512-Parent-Quick-Start-Guide>

- Another way to prepare for 6th grade Math if you are ALREADY enrolled in the School District of Philadelphia, is to work on the Grade 5 Pathway on Imagine Math. This can be accessed through Infinite Campus. If you are a NEW STUDENT to the School District of Philadelphia, you will receive access to Imagine Math when the school year begins.

For 6th Grade, MATH students should ALREADY be able to:

- Recite multiplication and division facts
- Add, subtract, multiply and divide multi-digit numbers WITHOUT a calculator
** (Know how to use Area model/partial sums AND the standard algorithm) **
- Write, add, subtract, multiply, compare and round decimals
- Add, subtract, multiply and divide fractions with different denominators
- Find the Least Common Multiple (LCM) and Greatest Common Factor (GCF)
- Solve word problems measuring distance, time, size, money, Area, Perimeter, and Volume that use whole numbers, fractions and decimals
- Understand Metric and Customary measurements
- Know the qualities and different categories of 2-dimensional shapes

