**MATH 9 COURSE OUTLINE**

**Teacher:** Ms. Wilson,Room A202.

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**Website:** wilsonswebpage.com

**Textbook:** Math Makes Sense 9 - Pearson

*Keep this outline in the front of your binder to refer to throughout the year.*

**REQUIRED MATERIALS:**

* Pen/pencil/eraser
* Binder
* Lined paper
* Graph paper
* Scientific Calculator – no phones

**CLASSROOM EXPECTATIONS:**

1. **Social responsibility**:
* Treat others and your environment with kindness, dignity and consideration. Be kind. Be helpful. Be safe.
1. **Personal responsibility**:
* **Come prepared:** Arrive on time, with all necessary supplies, ready to work.
* Follow all safety procedures.
* **Own your learning**: Stay on top of your work, recognize when you need to ask for help, and give it your all.
* **Absences:** All absences must be excused by a parent/guardian who calls the office before school starts on the day you are absent. If you miss a class, students are responsible to find out what was missed and get caught up in a timely fashion by checking the schedule at[**http://www.wilsonswebpage.com**](http://www.wilsonswebpage.com)**.**
* **Homework:** Expect regularly assigned homework to work on both in class and at home. Homework is to be completed and ready to be checked or handed *in at the beginning of class.*Late assignments will negatively affect the student’s work habit grade. *Late work will not be accepted if it does not meet the minimum requirements of a passing (50%) assignment*.
* **Cell phones:** Cellphones are not permitted during instructional time and are expected to be left in your backpack and turned off during class time. *Students caught using a device during instruction may have it removed from their person and placed on the white board ledge until the end of class.*Students may use cell phones to listen to music during independent work time only after asking for teacher permission

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| Tests  | 75% |
| Quizzes | 15% |
| Homework  | 10% |

**WEIGHTING:**

**CURRICULAR COMPETENCIES (SKILLS) YOU WILL BE DEVELOPING:**

* Reasoning and Analyzing
* Understanding and solving
* Communicating and representing
* Connecting and reflecting

**CURRICULAR CONTENT YOU WILL LEARNING:**

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| Review Rational Numbers (Ch3) Order of Operations  | Operations with rational numbers (addition, substratction, multiplication, division, and order of operations) |
| Exponents (Ch2) | Exponents and Exponent laws with whole-number exponents |
| Probability and Statistics (Ch 9) | Statistics in society |
| Polynomials (Ch 5) | Operations with polynomials, of degree les than or equal to 2 |
| Linear Relationships (Ch 4) | Two-varialbe linear relations, using graphing, interpolation, and extrapoloation |
| Algebra: Linear Equations (Ch 6) | Multi-step one-variable linear equations |
| Scale, Maps, and Similar Triangles (Ch 7) | Spatial proportional reasoning |
| Financial Literacy  | Simple budgets and transactions |