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| **Name:** Ms. Lindsey Linton**Classroom :** Room# 2200A (2nd Floor)**Grade & Team:** 7th Grade, Dragons Team**Course:** Math 7 and Math7Plus | **E-mail**: llinton3@wcpss.net (response within 1-2 days)**Phone:** 919-233-4217 (Office)**Website:** [**http://ccms.wcpss.net/staff/7th-grade**](http://ccms.wcpss.net/staff/7th-grade) **or** [**http://ccmmsdragons.weebly.com/**](http://ccmmsdragons.weebly.com/) |
| **Course Overview** **There are 5 over-arching domains in which students gain 7th Grade Level Math proficiency and mastery for problem-solving and critical-thinking. The goals by domain are:**1. Extend the Number Sense - develop Rational Number Operations Skills (Arithmetic with positive and negative numbers – Integers, Decimals, Fractions and Irrationals). This is the foundation for future success in Algebra
2. Develop Algebraic Reasoning Skills: Students progress from ‘working backwards’ arithmetically to ‘working forward’ algebraically to find unknown quantities.
3. Develop Proportional Reasoning Skills in applications like Finance, Scale Drawings, Food Industry etc.
4. Develop Decision-making skills by analyzing data using statistical measures.
5. Develop Spatial-thinking and related measuring/computation skills (Geometry).
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| **Course Material** * No textbook; students will be provided all of the course material they need in class
* Check out other Math Links listed on our Math Class Website for extra practice problems and notes.
* Math textbooks can be checked out upon request for extra practice. Note that these books are skills based resources rather than concepts, and will not necessarily cover all of the material covered in class.
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| **Student Material** 1. 3-ring 2 inch binder (use for math only)
2. Dividers – 8
3. College-ruled Notebook Paper
4. Pens and Pencils (PLEASE don’t forget!)
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|  **Section 1: Expectations and Grading Policies**  |

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| **A: Grading Weights** |

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| **Major Summative** | **Assessment Type** | **Major Formative** | **Assessment Type** | **Minor Formative** | **Grade** |
|  70% | End-of-Unit Tests; Long-Term Projects | 20% | Quizzes (Take-Home, Open-Notes, Regular Quiz, Exit Tickets), Short-term Projects | 10% | Daily HW, Binder Check, CW/Participation |

***Projects day allollowed***

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| **B: Math Class Participation and Behavior Management Plan** |

* + **While HOWL is practiced throughout the school, the 3 R’s are an easy way to be successful in the math classroom**
* **Class Expectations – The 3 R’s**

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| **Be Ready*****(Enter Class Checklist)*** | **Be Responsible** | **Be Respectful** |
| * Agenda
* Sharpened pencils (blue or black pen acceptable for CW only, not for tests/quizzes),
* Math Binder having
	+ Blank Notebook Paper,
	+ Completed Notes and CW problems
	+ Completed HW, Assignments, Corrections
	+ Graded Tests, Quizzes, Corrections
	+ Any signed papers
 | 1. Follow **procedure** for the beginning of Class Warm-Up Routine
2. **Listen** attentively to instruction and announcements and **follow directions** the first time without being reminded/redirected
3. Take Notes, Complete assignments/corrections including makeup work in a timely manner
4. Stay **on-task** in class
5. Keep your binder **organized**
6. Use Laptops and Calculators responsibly
 | 1. Always raise hand for permission to speak - No calling out.
2. No walking around in class during instruction time. Talk respectfully and listen respectfully to teachers and peers
3. When a teacher raises hand for attention-getting signal, you do the same and attentively listen for directions.
4. Respect space/property of the teacher, peers , class and school
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* **Consequences**
	+ 1st Infraction – A warning, Name on Board as a visual reminder
	+ 2nd Infraction - Conference with Teacher, Reflection, Parent Contact
	+ 3rd Infraction and further - School-wide Discipline Plan of minor/major referrals will be implemented

 Any severely or repetitive disrespectful/disruptive/non-compliant behavior will result in an immediate office referral.

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| **C: Daily- HW Assignments**  |

* To receive full credit, the HW assignment must be completed on time with work and effort shown clearly. If the assignment is not complete when due, the student will have until next school day or by grade recovery Friday period to turn in completed work for partial credit.

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| **D: Tests/Quizzes/Projects**  |

* Tests will be given at the end of a unit and quizzes will be within the unit.
* Students are expected to show their work when completing work, systematically including any models/diagrams, justification for the steps when needed.
* Test Correction Opportunity is offered for all End-of-Unit Tests and some Quizzes only. It is a time-bound privilege and a second-chance that students get to reflect on their mistakes, correct it and master a unit while improving grades (get back half of the lost points).

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| **E: Make Up (after absence) Work** |

* The student is responsible for securing and catching up on all missed work (**including notes, CW, HW assignments and Assessments (*Tests/Quiz/Project***)) upon return and unless otherwise instructed, students are NOT exempt from missed work.
* The student will receive full credit for completing missed CW-Notes-Practice, HW assignments, Assessments by the new ‘due’ date (1 day grace for each day absent) or/and by Grade Recovery Class Period the following Friday. Excessively late make-up work submission after 2 grade recovery class period opportunities will receive partial credit. Otherwise, it will be marked 0 if not turned in by the next Interim/Marking Period.
* *The procedure for securing and completing make-up work will be explained and rehearsed in class.*

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| **Section 2: Math Curriculum**  |

*Study of Irrational Numbers, Slope, Transformations, Cones, Spheres and Scientific Notation is for Math7Plus and not within the scope of the Math7 Curriculum.*

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|  **Math7**  |  **Math7Plus**  |
| Quarter 1:1. Integer Operations
2. Rational Number Operations
3. Algebraic Expressions & Equations
 | Quarter 1: 1. Integer Operations
2. Rational Number Operations, **Irrational Numbers**
3. Algebraic Expressions & Equations
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| Quarter 2:1. Algebraic Inequalities
2. Proportional Reasoning (includes Percents)

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2. Proportional Reasoning **and Slope** (includes Percents)
3. Probability
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| Quarter 3:1. Probability
2. Statistics - Data Collection and Analysis
3. Geometric Properties – Angles, Triangles
 | Quarter 3: 1. Statistics - Data Collection and Analysis
2. Geometric Properties – Lines, Angles, Triangles
3. **Coordinate Geometry - Transformations**
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| Quarter 4:1. 2-Dimensional Geometry – Area, Perimeter
2. 3-Dimensional Geometry – Volume, SA
 | Quarter 4: 1. 2-Dimensional Geometry – Area, Perimeter
2. 3-Dimensional Geometry – Volume, SA
3. **Exponents and Scientific Notation**
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|  **Section 3: Integrity Statement** |

"I affirm that I will uphold the highest principles of honesty and integrity in all my endeavors at Centennial Campus Magnet Middle School and foster an atmosphere of mutual respect within and beyond the classroom".

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| **Student Name:** **Date:**  | **Student Signature:** |

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|  **Section 4: Acknowledgement** |

Please sign below to indicate that the Math Syllabus (including Section 6: Curriculum, next page) has been read, understood and discussed:

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| **Parent/Guardian Name:** **Date:**  | **Parent Signature:****Student Signature** |