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|  **8th GRADE MATH****2022 & 2023** | Mrs. N. Wilkes |

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| **What will we study?*** **The Number System**-Know that there are numbers that are not rational, and approximate them by rational numbers.
* **Expressions and Equations**- Work with radicals and integer exponents. Understand the connections between proportional relationships, lines, and linear equations. Analyze and solve linear equations and pairs of simultaneous linear equations.
* **Functions**-Define, evaluate, and compare functions. Use functions to model relationships between quantities.
* **Statistics and Probability**- Investigate patterns of association in bivariate data.
* **Geometry**-Understand congruence and similarity using physical models, transparencies, or geometry

software. Understand and apply the Pythagorean Theorem. Solve real-world and mathematical problems involving volume of cylinders, cones, andspheres. | **Every Grade Counts!****Summative** – Tests, Projects, Essays, Extended Discussions, Tests **50%** ***Formative-*** Quizzes, Assignments/Classwork, Short Discussions, iReady, entrance/exit tickets, Warm-ups, Homework **50%**  |
| **Methodology**Teachers will utilize a variety of teaching styles to deliver content to their students. This includes manipulatives, videos, group work, and problem-based learning to ensure all students are actively engaged in their own learning. Grades will be determined by the satisfactory and timely completion of assignments. The grade of each assignment is based on the prerequisite given for each assignment. Please email the teacher if you have any questions.Rituals and routines are in place to keep students on track, safe and an exemplary member of the Dolphin Dynasty.  |
| **Bring everyday:*** Binder with dividers
* Notebook paper
* Pencil
* Willingness to learn
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| **Student Work**: Students will be expected to complete all assignments on a regular basis. All students are expected to read class material, think critically and write effectively. Students are expected to use complete sentences, proper grammar and correct spelling in every written performance.**Materials:** Students will be required to have all required materials upon entering the class. **Group Activities:** Students will be working in groups on a regular basis in Canvas. Groups will be given cooperative learning activities to complete. Each student will be expected to be an active member of their group and participation points will be assessed accordingly. Students will always be graded as an individual; however, groups may earn points together that will lead to a reward.**Absences:** If a student is absent, it is HIS/HER responsibility to get all late work from the teacher and return by the deadline agreed upon by teacher, parent, and student. |
| **Grading information**1. 100-90 B- 80-89

C- 75-79 D- 70-74F-69 or below**A grade lower than 60% will receive a phone call, email, letter home, or a remind notification (as time allows/at teacher’s discretion). A low grade will need grade recovery/retest at the teacher’s discretion.**  |

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| **Plagiarism, Cheating, and Academic Integrity**Plagiarism is the practice of copying words, sentences, images, or ideas for use in written or oral assessments without giving proper credit to the source. Cheating is defined as the giving or receiving of illegal help on anything that has been determined by the teacher to be an individual effort. Both are considered serious offenses and will significantly affect your course grade. Please refer to the Student Code of Conduct booklet for additional information. | **Absent?**1st – Inform Teacher2nd – Check the course homepage in Canvas3rd – Check Microsoft Teams4th – Text a friend for the notes/class info5th – Turn in missing work within 2 days for every day absent. |
| **Need Help?*** Ask for teacher help
* Check teacher website for apps or websites to practice at home
* Ask for recovery work if needed
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| **Teacher Information:****Email: WilkeNi@boe.richmond.k12.ga.us** | **School Information****115 Dolphin Way****Hephzibah, GA 30815****Phone: 706-592-3987** |

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| **Class Rules:**1. **Be Respectful of Others. This means to respect the teacher, respect your classmates, respect the school’s property, respect all the staff, respect yourself.**
2. **Be Prepared. Bring Materials, Stay Focused, and Participate!**
3. **Do Not use Inappropriate Language. Use words that are positive and friendly.**
 | **Class Procedures:**1. **Come to class everyday with a great attitude. Stay positive.**
2. **Pay attention to the directions and follow directions that are given. Ask for help if needed.**
3. **Always make an effort to listen to others and speak respectfully.**
4. **Be on time and be prepared for class.**
5. **Mistakes are a part of the learning process. Keep trying and be resilient.**
6. **Don’t be afraid to ask questions.**
7. **Work hard and be nice.**
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**I have read and understand the rules for 8th grade Math.**

**Parent/Guardian Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Parent/Guardian’s Email Address and PREFERRED CONTACT METHOD

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Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_     Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Parents, please read the syllabus with your child. Make sure that your child understands the contents of the syllabus. Please contact teacher if you have any questions. Please sign and return to your child’s teacher by the end of the first week.