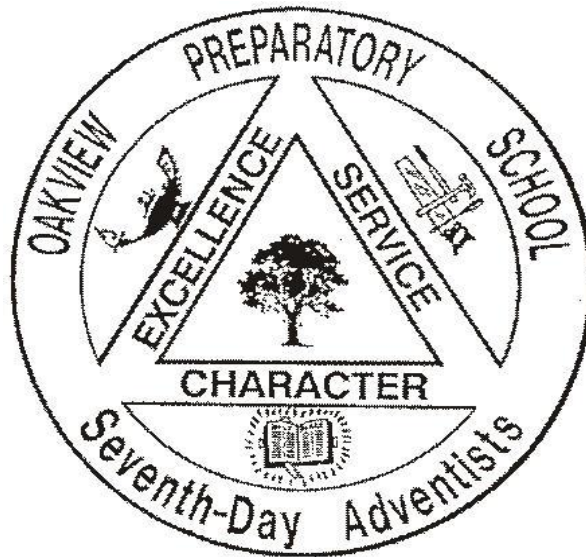


**Oakview Preparatory School
Long Range Plans Based on NYS and
NAD Standards
2023 - 2024**



Math – Grade 8

By: Mr. Maurice Ojwang Jr., Bsc.

Math Curriculum

NOTE:

- **Curriculum:** Oakview Preparatory School Grade 5 - 8 Mathematics Curriculum is a **union** of both the North America Division Mathematics Curriculum and the New York State Mathematics Curriculum.
- **Integration of Faith:** There will be an **integration of faith and learning** as per SDA beliefs
- **Projects:** There will be at least 1 project each marking period.
- **Summative final grades** are based on select assignments (homework, class work, projects, essays, etc.)
- **Exams** – There will be at least 2 tests each marking period.
- **Presentations:** Students may be asked to prepare and present topics as well as be grouped virtually to facilitate each other’s development and understanding of math concepts and skills.
- **Students** will be required to produce an online portfolio of specific assignments each marking period.
- **Students** will be required to use the internet and online resources, **including Jupiter**, to complete some assignments and quizzes.
- **Students will be required to produce work on time** –
 - Grade 5, 6, or 7 - late work will be penalized 10 % for each day late and will not be accepted after day 3, unless there is a valid written excuse by the parent or a doctor.
 - Grade 8 - late work will be penalized 20 % for each day late and will not be accepted after day 2, unless there is a valid written excuse by the parent or a doctor.
- **Quality of work:** Students will be required to produce work that is neat and of a high standard. As much as possible the school’s website (www.oakviewprep.com), and e-mail communication will be used to keep parents up-to-date on topics being covered and student’s progress.
- **Topics:** These will be covered in conjunction with modules on www.EngageNY.org
- **Apps/Resources:** www.Khanacademy.org, www.IXL.com, www.youtube.com, MobyMax math program, READY problem solving text book for grade 6, 7, and 8; and other online and print resources. Curriculum will be complemented with state test preparation material.
- **Flipped Classroom:** Students will be assigned pre-class assignments, videos, and reading to complete independently. Pop quizzes may be given on the content of the pre-class assignment given.
- **Quizzes:** Weekly (Friday on Jupiter Ed).
- **Test Prep:** Practice test assignments will be given at the end of each chapter.
- **Makeup:** If makeups are given the maximum possible score will be 70%
- **Grading:** Test – 40%; Class work – 20%; Home work – 10%; Projects – 20%; Quizzes – 5%; Miscellaneous – 5%

Grade 8 Math Long Range Plan

Regular Stream				Advance Stream				
Month	Topic	Big Ideas	Ready 8	Month	Topic	Big Ideas	Ready 8	
August/ September	Review/Diagnostics Exponents and Number System	Chapter 8,9	Unit 1	September	Exponents and Number System	Chapter 8,9	Unit 1	
October	Functions	Chapter 4	Unit 2	October	Functions	Chapter 4	Unit 2	
November	Linear Equations	Chapter 1, 5	Unit 3	November	Linear Equations	Chapter 1, 5	Unit 3	
December	Linear Equations	Chapter 1, 5	Unit 3	December	Geometry	Chapter 2, 3	Unit 4	
January	Geometry	Chapter 2, 3	Unit 4	January	Statistics and Probability	Chapter 6	Unit 5	
February	Geometry	Chapter 2 (CC 2019)	Unit 4	February	Exponential Functions and Applications			

