Course Description: Math III progresses from the standards learned in Math I and Math II. In addition to these standards, Math III extended to include algebraic concepts such as: the complex number system, inverse functions, trigonometric functions and the unit circle. Math III also includes the geometric concepts of conics and circles.				COURSE MATERIALS 1.5in Binder preferably 3-ring Pencils with erasers & lined paper, Graph paper & pencils, colored pencils, highlighters *Graphing calculator TI-83+ or 84 (can be checked out from library)	
Units of Stur Unit 1: Functions and Their I Unit 2: Exponential and Logo Unit 3: Polynomial Function Unit 4: Introduction to Ratio Unit 5: Modeling with Geome Unit 5: Reasoning with Para Unit 6: Reasoning with Para Unit 7: Reasoning with Circle Unit 8: Trigonometric Functi Unit 9: Statistics (5 Days)	<mark>dy / Pacing Guide</mark> Inverses (10 days) arithmic Functions (9 days) s (12 days) onal Functions (10 days) etry (5 days) Illelograms and Triangles (1 es (9 days) ons (7 days)	(5) 7 days)	als/Ob http://ulum/i 3-unp sources https https:// cs/ac rms/r	jectives /www.dpi.state.nr mathematics/sco acking.pdf ://www.khanace //www.ncpublics countability/tes math3rel3235.pd	<u>c.us/docs/curric</u> <u>is/current/math-</u> <u>ademy.org</u> schools.org/do ting/releasedfo df
Grading Scale         •       A       90-100         •       B       80-89         •       C       70-79         •       D       60-69         •       F       59 - below	Honors Weights • Test 60% • Quiz 20% • Assignments 20%	<u>CP Wei</u> • Test 607 • Quiz 15% • Assignmen • Notebook	<b>ghts</b> 6 ts 15% 10%	Final Quarte Quarte Final Ex State EOC is th	<u>Grade</u> r 40% r 40% kam 20% ne Final Exam
Homework: Homework will be checked daily for completion. You will receive credit if ALL problems are written, numbered, attempted, and all necessary work is shown. You may receive half credit if your work is only partially completed. If you do not have your homework, no points are awarded. If you are absent, it is your responsibility to show me the assignment. If you are absent, it is your responsibility to show me the assignment. Homework will be required to keep a notebook using the Cornel Method for all class notes. A papers, assignments, notes, activities, etc should be kept in chronological order.					
: You will have a major test more than one test. Be pre announced several days in from an absence. <b>IF YOU F</b> <b>TEST WITH THE PEST OF TH</b> see me about making up th Students who cheat, talk, o zero for that test . Some t <u>u</u>	<u>Tests</u> at the end of each unit. L sent on test day unless y advance, you will be expe RE ABSENT THE DAY BEF E CLASS . If you do miss e test. Make up tests may r communicate with each upe of assessment will be	onger Units n ou are sick. Si ected to take <b>FORE A TEST,</b> a test, it is YO be different other during given every u	hay be br ince tests the test u <b>YOU WILL</b> DUR respo from the a test wil ueek, eith	oken into s will be pon return <b>_ TAKE THE</b> onsibility to original test. Il be given a er test or quiz	Quizzes Quizzes are to be expected every week. Quizzes may or may not be announced.
To adeiouro su secoses ile mathematices, it is important for unu to attend office your large. Marine students ber in					

To achieve success in mathematics, it is important for you to attend class regularly. Many students have great difficulty trying to learn math work on their own after an absence. Each day's classwork builds on prior learning. If a student misses just one day, they have difficulty following new assignments. When you are absent, check your mailbox for your assignments. Failure to make up work by the quarter deadlines will result in a grade deduction for that assignment. An absence of one class period will not excuse a student from turning in previously assigned work on the day they return to class.

<u>8</u>	Mathematical Practices:	<b>CLASS EXPECTATIONS:</b>			
1. Make sense of problems and persevere in solving		Respect All			
them.		Allow everyone to have a say.			
2. Reason abstractly and quantitatively.		$\diamond$ Be aware of others' thoughts, feelings, and			
3. Construct viable arguments and critique the		personal space.			
reasoning of others.		$\diamond$ Allow others the opportunity to learn.			
4. Model with mathematics.		♦ Use appropriate language.			
5. Use appropriate tools strategically. 6. Attend to precision		Make Good Decisions			
7 Look for and make use of structure		♦ Plan ahead.			
8. Look for and express regularity in repeated		♦ Communicate openly with teachers.			
redsoning.		♦ Advocate for unurself			
		<ul> <li>Follow teacher expectations for classroom</li> </ul>			
		* 101000 requirer expectigitors for agastoon			
		Accent Pesnonsihilitu			
		<ul> <li>Follow all directions</li> </ul>			
		<ul> <li>Consolition of the class of the</li></ul>			
		<ul> <li>Come to class on time and prepared to learn.</li> <li>Transition and a surface of the second seco</li></ul>			
		<ul> <li>Turn in assignments on time.</li> <li>Catabu Compas First</li> </ul>			
		Sarety Comes First			
		◆ I lotify the teacher when classroom safety is			
		* keep your hangs and feet to yourself.			
		✤ Retrain from horseplay.			
		* Koon nathuraus cloar of cluttor			
		* Reep pulhways dear of doner.			
	What you should know about	The Honors Math III curriculum is designed			
	<u>What you should know about</u> Honors Math 3:	The Honors Math III curriculum is designed to prepare students for Pre-Calculus, AP			
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and students experiencing difficulty should quickly	Students taking Honors Math III are most likely
seek guidance from their teacher on now they	the students who will take Pre-Calculus Honors,
can be more successful. This course is <b>honors</b>	as well as, an AP Course in Calculus or Statistics.
and is a weighted course. It is a rigorous, fast-	These students need to be prepared for these
paced preparation for Precalculus.	upper level courses while mastering the basics of
f) Student assignment calendars list homework,	Math III. Through vertical alignment, our math
test dates, and deadlines. (See web site for copy)	department has chosen several topics that
g) Homework is given nightly for the practice of	would benefit everyone as they move through
skills. It may be checked often for 0, 50, or 100	the honors math pathway. These extensions are
points based on completion and grading of work.	aligned to standards in Math III, Honors Pre-
The Unit HW grade is the average of these.	Calculus, AP Calculus, as well as ACT and SAT
h) Missing work for excused absences will be	standards.
averaged in as a one (1) until made up; due within one	
week.	