Trigonometry Syllabus

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Hello, and welcome to Trigonometry! Here is some information that you will need for my course:

What do I need to bring to class?	**Every day**, I expect you to have: • Fully charged iPad with crayon • A pencil with an eraser (homework, quizzes and tests should be done in pencil) • Your Trigonometry book (or the online version) that I will give to you. Take care of it! Do not lose it or switch with a friend! **Do not write in your book!!!** • A folder or binder for keeping homework, worksheets, and other returned material • A good attitude and a good work-ethic! You have a choice to make each day excellent. ***Make good choices!***
Homework Policy:	I will assign homework for you each day. It will be your responsibility to complete the homework by the beginning of the next class period. Please check your odd answers in the back of the book. If you have trouble with your homework, **BE SURE TO ASK QUESTIONS**! Keep all assignments in your math notebook, OneNote or folder.
Quizzes	Quizzes will be given periodically during each unit. Some will be announced; others will not be announced. They will range from 10 – 20 points.
Tests	Tests will be given at the end of each unit. Each test will be worth 100 points and will contain questions that are worth 1-6 points each. You must follow directions and show work for each problem to earn full credit.
Grading Scale	Grades will be assigned as follows: **Scale:** **Weight:** **A** = 90 – 100 % **B** = 80 – 90 % **Cumulative Test:** 10% **C** = 70 – 80 % **Daily work/Quizzes:** 25% **D** = 60 – 70 % **Tests:** 65% **F** Below 60%
Extra Credit	Read this several times to yourself to make sure you understand it: **I do not offer individual extra credit. You cannot earn extra credit outside of an extra credit test question.**
Integrity Policy	Any violation of the Integrity Policy outlined in the online student handbook will result in a 0 grade for that assignment or test. You will **<u>not</u>** have an opportunity to earn those points back.
Course Objectives	Upon completion of Trigonometry, • Students will develop critical thinking and analytic skills to transfer theory-based concepts to real-life applications. • Students will be involved in cooperative learning experiences to enhance the learning of mathematics and problem solving from different points of view. • Students will be encouraged to pursue creative avenues in discovering solutions/applications pertinent to individual needs. • Students will demonstrate the ability to use numerical information effectively in applied contexts utilizing technology.

Course Schedule	- Chapter 1 - The Six Trigonometric Functions - Chapter 2 - Right Triangle Trigonometry - Chapter 3 - Radian Measure - Chapter 4 - Graphing and Inverse Functions - Chapter 5 - Identities and Formulas - Chapter 6 - Equations - Chapter 7 - Triangles - Chapter 8 - Complex Numbers and Polar Form (8.1-8.3)
Attendance Policy	If you know you are going to miss class (meetings, sports, music, etc.), it is **YOUR** responsibility to get your assignments ahead of time so that you don't fall behind. If you are sick, you will be given one more day than the number of days you missed to complete any makeup work or tests. An exception to this is if you are absent for only part of the day. You are then expected to get the assignments for the classes you missed or will miss. See the online handbook for school rules regarding absences. Tests and quizzes may be made up before or after school or during your free period. **REMEMBER:** Homework is important and greatly enhances learning. Do not get behind. Each new lesson is built on the lesson before it. **Ask questions.** If there is not enough time to answer all of your questions in class, get help outside of class. It is your responsibility to get help before or after school or during your free period.
Classroom Rule	A wise man once told me one of the only rules that I believe encompasses all of the expectations I have for you: **Do the right thing, always.** I expect you to be respectful to yourself, your classmates, all the materials in the room, and to me. Deep down, I think you all understand what is right and what is wrong. If you aren't sure, be sure to ask and I will give my best answer. All school rules apply to my classroom.
Food/Drinks	There is <u>NO</u> food allowed in the academic areas. ONLY beverages in a <u>spill-proof</u> container are allowed. If you bring food or an unapproved drink into the classroom, you will need to return to the commons to throw it away. Do not be late in returning to class or it will count as an unexcused tardy.
Resources	You may always try to make arrangements to meet with me or another math teacher to receive help outside of class. You may come to the math office (220H) or my room at any time to see if there is a teacher available.

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PACKER PRIDE

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DISPOSITION	Novice	Approaching	Proficient	Advanced
Collaboration	*Learners work together, resolving controversy and conflict through respectful negotiation.*			
	Learners need frequent reminders to: ☐ follow the rules of the classroom and school ☐ cooperate and work in partnerships, small, or large groups ☐ interact respectfully as a team ☐ listen to ideas, opinions, and skills of others	Learners: ☐ follow the rules of the classroom and school often ☐ cooperate and work in partnerships, small, or large groups ☐ interact respectfully as a team ☐ listen to ideas, opinions, and skills of others	Learners: ☐ recognize the value of and follow the rules of the classroom and school ☐ cooperate and work flexibly in partnerships, small, or large groups ☐ share responsibility and interact respectfully to be productive both individually and as a team ☐ understand ideas, opinions, and skills of others	Learners: ☐ collaborate in the process of creating rules and norms ☐ accept and give constructive feedback in a positive way ☐ show leadership and initiative as a contributing global citizen; act on constructive feedback
Compassion	*Learners demonstrate their understandings of the complexities of cultures and global issues and see viewpoints beyond their own in order to positively impact the world around them.*			
	Learners need frequent reminders to: ☐ listen to information from different viewpoints with respect ☐ recognize their own perspectives and values	Learners: ☐ listen to information from different viewpoints with respect ☐ recognize their own perspectives and values	Learners: ☐ show kindness and empathy ☐ consider information from different viewpoints with respect ☐ recognize their own and others' perspectives and values	Learners: ☐ explain the cultural impacts of their decisions, the decisions of others, articulating perspectives and showing empathy ☐ exhibit character and take-action as a contributing global citizen to improve conditions in our community
Responsibility	*Learners actively engaged in their learning and demonstrate responsibility, organization, and perseverance.*			
	Learners need frequent reminders to: ☐ follow expectations for participation ☐ complete work	Learners: ☐ follow expectations for participation ☐ complete work in a timely manner often	Learners: ☐ follow expectations for organization and participation ☐ engage curiosity and collaboration, taking pride in completing work well	Learners: ☐ actively pursue achievement with a sense of importance and student agency ☐ find passion and value in a task; persist with resilience and stretch oneself despite difficulties