

Course: ALGEBRA 2/TRIG HONORS

Text: Holt Algebra 2; Online at my.hrw.com
USER NAME: alg2trig5 PASSWORD: mathrocks
ISBN: 978-0-030-99576-7 (2011)

Mrs. O'Connell

Kamiak High School

Year: 2015—2016

E-mail: oconnellch@mukilteo.wednet.edu

Essential Themes:

1. Linear Functions (Chapters 1 – 4)
2. Quadratic & Polynomial Functions (Chapters 5, 6, 8, 9)
3. Exponents & Logarithms (Chapter 7)
4. Probability & Statistics (Chapter 11)
5. Sequences & Series (Chapter 12)
6. Trigonometry (Chapters 13, 14)

Algebra 2/Trig Supplies:

- *Graphing Calculator
(TI-84+, 83+, 83 recommended)
- *Scientific Calculator
- *Notebook paper and graph paper
- *Pencils and ink pen for correcting
- *Book cover

Classroom Expectations:

- ***Be prepared.** Bring the supplies listed above and your covered book daily with completed assignment and a *good attitude!* The material is covered quickly, but you *can* master it.
- ***Participate in your education.** Math is not a spectator sport! You learn best when you are involved and understand the lesson. Take notes, *ask questions*, listen to other people's idea, and at least *attempt* to work *all* of the assigned problems.
- ***Respect each other.** Stay at your desk during instruction time. Sharpen pencils, use trash can, etc., at passing times or during independent work time. Contribute to class discussions in a responsible manner. Be considerate to others participating in the lesson. Harassment is not acceptable.
- ***Respect property.** Food must stay in the cafeterias; beverages with lids are okay. Keep East Campus and E123 neat and clean. Pick up around your desk daily.
- ***Appropriate attire.** Clothing should be appropriate to an educational setting. If you arrive showing too much skin (low cut, midriffs, etc.), it will need to be covered. Profanity or references to drugs/ alcohol are inappropriate. A large t-shirt is available to borrow if needed!
- ***Electronics.** Cell phones are disruptive and may NOT be used in the classroom for calls, texts, or as a calculator. If your phone is *visible* during class, it will be taken for the class period and parent(s) will be contacted. It will be kept until the end of the school day for the 2nd offense, and will be kept locked up OVERNIGHT, or until a parent comes to get it, for any additional offenses. Music players may only be used *with permission*.
- ***Work quietly.** Independent work/study time is when the teacher can evaluate if the lesson was mastered by each student. The assignment must be half done before you are allowed quiet free time.
- ***Do your own work!** No cheating (as per Kamiak student handbook). Complete your own work and be proud of it. Examples of cheating: copying the work of others, letting someone copy your work, looking at another student's paper during a quiz/test, using prohibited materials (notes, etc.) on a quiz/test, **sharing calculators** during a quiz/test, and discussing a quiz/test with students who have not yet taken them.
- ***Hall passes.** You will be allowed 5 hall passes per quarter (kept track of by Mrs. O'Connell), which may be used after the lesson is completed, or for slight tardiness.
- ***Your choice.** Consequences follow your choices, including privileges bestowed or denied, detention, timeout and parent contact.

Attendance:

- ***Attendance and promptness** are very important, as concepts in algebra and trig build upon each other. You are responsible for material missed and may want to get after-school help for this. Thirteen absences per semester result in NO CREDIT. Detention will be assigned for each unexcused tardy (more than 15 min. late is considered an absence.)
- ***Students with excused absences** have two days to make up daily assignments for full credit. *All tests must be taken when given unless you missed two or more days immediately prior.* Missed tests/quizzes must be taken upon returning; tests/quizzes missed due to missed material must be made up within one week, after school. You are responsible for scheduling make-ups.

Grading:

***Chapter/unit grades** are based on a test (75-80%), quizzes (5-10%), daily assignments (10-15%), and projects (0-5%). Each Semester Final Exam will account for 12-17% of its semester's grade and may replace a low test score from that semester, if extra review work is completed for that chapter.

***Daily Assignments** are assigned and checked daily. *The assignment must be done in pencil, numbered, and work shown to receive credit. It must be corrected in pen, including odd problems checked in the back of the book.* Your assigned work must be your own. Assignments will be posted on the board and on Aspen. All assignments for a unit will be collected on the test day. Students earning 87% or above on the test will earn full credit on all unit daily assignments. Students earning below 87% on the test will earn points for each completed assignment—5 points if completed on time, 3 points if completed late, 1 point if at least half done.

***Quizzes:** You are responsible for all information given during the chapter and will be quizzed on this material. Quizzes will be given one to three times per chapter/unit and might be "pop" quizzes. If you have an excused absence on the day of a quiz, you must makeup the quiz the next day. The goal for these formative assessment quizzes is for the teacher *and* the student to know what you have learned and what you still need to work on. You will be able to rework quizzes in class.

***Tests:** Tests are given every 2-3 weeks. You will be given two or more days advance notice, and *all tests must be taken when given unless two or more days are missed immediately prior to the test.* Declining to test on test day/cheating will result in a zero. Retests are *not* allowed. *Tests must be completed within the test period.* **Adequately prepare for tests and quizzes by completing daily assignments and reviews, summarizing notes and getting help from the teacher or a tutor.**

***Projects** will be assigned occasionally throughout the year. Some projects may be technology/Internet-based. They will vary between group and individual tasks. Students are encouraged to save their individual projects in their digital locker as an E-folio artifact.

***Extra Credit:** Extension problems will be offered at times but may raise chapter grades *at most* 1%.

***Pre-Calculus:** A semester grade average of B- (80%) or higher is required to move on to Honors Pre-Calculus next year. A 60% will qualify you for Discrete Math.

Grading Scale:

	B+ 87% - 89%	C+ 77% - 79%	D+ 67% - 69%
A 93% - 100%	B 83% - 86%	C 73% - 76%	D 60% - 66%
A- 90% - 92%	B- 80% - 82%	C- 70% - 72%	F below 60%

Parent Responsibilities:

1. Encourage and support your high school student, but **do not call or text them during class.** If there is an emergency, call the office at 425-366-5400.
2. Help your student obtain work when absent. Look at their online text at <http://my.hrw.com/>.
USER NAME: alg2trig5 PASSWORD: mathrocks
3. Provide the necessary materials, location, and study time to aid student learning.
4. You may email me ocConnellch@mukilteo.wednet.edu with questions/concerns. If you are not able to email, you may call Kamiak at 366-5524 between 2:00 and 3:30. Do not leave a voice mail! If you do not have email and are not able to call between 2 and 3:30, please leave a message with the office.
5. If you have email, I will send out periodic updates regarding the class. ***If you do not have email and would like me to send a printed form home with your son/daughter, please indicate this on the signature form!***

Extra Help:

Algebra/trigonometry concepts progress quickly. If you fall behind, it may be hard to "catch up" so please, ask for help immediately!! I am in E123 after school most days, usually until 3 PM. Please check before staying to make sure that I am available. There are also other options, such as after-school volunteer adult tutoring (to be determined), peer tutoring (available through the Library), private tutors (Richard Hjelte 206-300-8782; Don Hjelte 425-354-7366 or 425-415-6525; Rochelle Regan (teacher) 505-227-0259; Molly Chachulski (425)-903-1033; others to be named), and online help, including videos on the Holt website, www.KhanAcademy.org, and the Sno-Isle Library website.

Acknowledgement of Algebra 2/Trig Honors Syllabus

Please complete and return this to Mrs. O'Connell, signed by the student and a parent/guardian, by **MONDAY, September 7, 2015**.

Teacher Statement:

I agree to adhere to the requirements as stated in the course syllabus. I pledge to treat all students fairly, find creative ways to engage learning and help my students to work hard. I will be available to assist students on a regular basis. I will inform the students and parents of the student's progress in the course on a regular basis through Aspen. Teacher: Mrs. O'Connell Date: Sept 2, 2015

Student Statement:

I have read all the sections of the course syllabus. I realize that cooperating with my teacher and fellow students with a high level of respect for myself and others will increase my chance of success in this course. I will work hard with academic integrity. I will ask for help when I need it and will find out what I missed when absent. Furthermore, I understand that my attendance, participation, and preparedness in class are vital to my success. I will bring my required materials and my completed homework daily.

_____ student (printed) _____ student signature _____ period _____ grade level

Parent/Guardian Statement:

I have read the course syllabus with my student. I will encourage my student to obtain help from the teacher when needed and maintain academic integrity. I will keep an eye on my student's grades by checking Aspen regularly. I know that mid-term and quarter grades are sent home every quarter. Finally, I will ensure my student has a quiet area to complete homework and access to the internet when required.

_____ parent/guardian signature	_____ home phone	_____ student email—clearly printed
_____ father/male guardian (printed)	_____ day phone	_____ preferred email—clearly printed
_____ mother/female guardian (printed)	_____ day phone	_____ preferred email—clearly printed

Acknowledgement of Algebra 2/Trig Honors Syllabus

Please complete and return this to Mrs. O'Connell, signed by the student and a parent/guardian, by **MONDAY, September 7, 2015**.

Teacher Statement:

I agree to adhere to the requirements as stated in the course syllabus. I pledge to treat all students fairly, find creative ways to engage learning and help my students to work hard. I will be available to assist students on a regular basis. I will inform the students and parents of the student's progress in the course on a regular basis through Aspen. Teacher: Mrs. O'Connell Date: Sept 2, 2015

Student Statement:

I have read all the sections of the course syllabus. I realize that cooperating with my teacher and fellow students with a high level of respect for myself and others will increase my chance of success in this course. I will work hard with academic integrity. I will ask for help when I need it and will find out what I missed when absent. Furthermore, I understand that my attendance, participation, and preparedness in class are vital to my success. I will bring my required materials and my completed homework daily.

_____ student (printed) _____ student signature _____ period _____ grade level

Parent/Guardian Statement:

I have read the course syllabus with my student. I will encourage my student to obtain help from the teacher when needed and maintain academic integrity. I will keep an eye on my student's grades by checking Aspen regularly. I know that mid-term and quarter grades are sent home every quarter. Finally, I will ensure my student has a quiet area to complete homework and access to the internet when required.

_____ parent/guardian signature	_____ home phone	_____ student email—clearly printed
_____ father/male guardian (printed)	_____ day phone	_____ preferred email—clearly printed
_____ mother/female guardian (printed)	_____ day phone	_____ preferred email—clearly printed