

# IBMYP Algebra 2 & Trigonometry

Classroom Expectations

Mrs. Rhodes 2016-2017

Phone: 648-5600, ext. 78423

E-mail: [Patricia.Rhodes@VBSchools.com](mailto:Patricia.Rhodes@VBSchools.com)

Link to Mrs. Rhodes' Website: [pahsmath.weebly.com](http://pahsmath.weebly.com)

Welcome to Algebra 2/Trigonometry! This list of guidelines contains information that will be useful to you throughout the entire school year. Therefore, keep this sheet in the front of your Algebra 2/Trigonometry notebook all year long.

**Course Description:** Algebra 2 Trigonometry is a rigorous course which is designed to continue and extend the study of topics explored in Algebra 1. Through the study of these mathematics topics, the IBMYP Algebra 2 Trigonometry course incorporates the IB fundamental concepts: a holistic view of knowledge, intercultural awareness, and the value of oral and written communication. The mathematics curriculum is explored through a global context and strives to develop meaningful explorations of: (1) identities and relationships, (2) orientation in space and time, (3) personal and cultural expression, (4) scientific and technical innovation, (5) globalization and sustainability, and (6) fairness and development. IBMYP Algebra 2 Trigonometry is intended to provide students with the prerequisite knowledge needed for either IBDP Mathematics SL or IB DP Mathematical Studies SL. The units of study are:

Unit 1: Absolute Value Functions and Equations

Unit 2: Quadratic Functions and Equations

Unit 3: Polynomials and Polynomial Functions

Unit 4: Rational Functions and Equations

Unit 5: Inverses and Radical Functions and Equations

Unit 6: Exponential, Logarithmic, and Special Functions

Unit 7: Sequences and Series

Unit 8: Probability and Statistics

Unit 9: Trigonometry

**Required Materials:** You will be required to have the following materials each class period.

- ◆ a three ring binder (1½" - 2")
- ◆ graph paper (4 or 5 squares per inch)  
(purchase or print free via the internet)
- ◆ TI-84 series graphing calculator  
(Recommended: TI-84 Plus CE)
- ◆ ten notebook dividers  
(one per unit of study)
- ◆ pencils (No. 2 or mechanical with HB lead)
- ◆ 4 AAA batteries
- ◆ loose leaf notebook paper
- ◆ one box of tissues

## Textbook

- ◆ Generally students will not be issued a hard copy of the textbook for this class as most students will use an online version of the textbook. If a student does not have regular internet access, but does have regular computer access, there is a CD version of the text which can be issued.
- ◆ Students will NOT be issued both the online textbook and the hard copy of the textbook. It is strongly encouraged that students use the online version of the text, as there are a number of resources available with this version that are not available with the hard copy.
- ◆ If a hard copy of the textbook is issued and it is damaged or lost, the student will be assessed a fee of 100% of the book cost, which is \$79.98, for damages that prevent re-distributing the book, which includes a missing or unreadable bar code.

## Calculator

- ◆ The Virginia Standards of Learning require that an Algebra 2/Trigonometry student be proficient in the use of a graphing calculator. The TI-84 series calculator will be used in this class. If you are purchasing a calculator, it is highly recommended that you buy a TI-84 Plus CE series, if possible, because the latest color features and operating system are beneficial to students. The latest operating system is compatible with any TI-84 series calculator, but it is not compatible with the TI-83 series calculators.
- ◆ **A few graphing calculators will be kept in the classroom for use on a FIRST-COME, FIRST-SERVED basis. It is not the teacher's responsibility to make sure a student has a calculator each day. Not having a calculator will NOT be an acceptable excuse for incomplete homework or the inability to complete an assessment/assignment. The only way to be certain that you have a calculator is to BRING YOUR CALCULATOR TO CLASS EACH DAY!**
- ◆ Sharing of calculators during a graded assessment will not be permitted.
- ◆ Mrs. Rhodes reserves the right to clear the memory of any calculator used in the classroom. Students should maintain a back-up of any calculator files or data stored on their calculator.
- ◆ Playing games or using the calculator for non-instructional purposes during class will not be tolerated.

## Notebook

- ◆ Each student is required to keep a loose-leaf notebook to be used for ALGEBRA 2 TRIGONOMETRY **ONLY**.
- ◆ The notebook must contain ten section dividers. It should contain one section for each of the nine units of study listed above, one section for SOL Test Review.
- ◆ Materials within each section are to be kept in chronological order.

## Behavioral Expectations

You will be expected to come to class prepared with all materials, be respectful, considerate, and kind to one another and your teacher, and follow all school rules as outlined in your student handbook. If discipline problems should occur, consequences will be assigned based upon severity and frequency and may include a warning, after school detention, time out in the time out room for the remainder of the block, or a referral to administration.

**Tardies:** You will be counted tardy if you are not in the room when the bell rings. The PAHS tardy policy will be enforced.

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## Practice Assignments

- ◆ Individual practice assignments support an essential component of the learning process and will be assigned each block. Assignments will be as concise as possible and will typically require approximately 30-45 minutes to complete.
- ◆ Practice assignments will be checked and reviewed frequently and scored for the level of completion (max. 5 points) once or twice per unit. Assignments containing answers only with no work shown will be considered incomplete.
- ◆ A student who fails to complete an assignment (informational mark or graded) will be referred for Academic Development.

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## Assessment and Grading



Parents are reminded to visit the Parent Portal on the Internet to view up-to-date student grades and attendance (access at the PA website at [princessannehs@vbschools.com](mailto:princessannehs@vbschools.com)). Grades will be posted continually as grading is completed and updated as needed at least once per week. Parents are advised to check the Parent Portal each week for grade updates. Major tests and projects will likely take longer than one week to grade.

**Grade Calculation:** Overall grades will be calculated using total points by dividing the total points earned by the total possible points to arrive at a percent. The Virginia Beach City Public Schools grading scale is:

A: 93-100	B+: 87-89	C+: 77-79	D+: 67-69	E: Below 64
A-: 90-92	B: 83-86	C: 73-76	D: 64-66	
	B-: 80-82	C-: 70-72		

### Assessments

- ◆ A student's grade in this course will be a measure of the level of mastery of the content that a student demonstrates.
- ◆ A variety of assessment types will be used to formatively assess student understanding. Students should be prepared to complete assessments most class periods which will be graded for correctness and recorded as an informational mark, but not always a grade.
- ◆ Students will be assessed using the IBMYP Mathematics criteria on specific assignments at various times during the school year.
- ◆ Generally, quizzes will be given 1-2 times per unit, tests will be given once per unit, and performance tasks will be given once per unit.
- ◆ Quarter grades will be calculated as follows:
  - Tests will comprise approximately 50% of each quarter grade, and each test will be worth 100 points.
  - Quizzes will comprise approximately 40% of each quarter grade, and each quiz will be worth 35-50 points.
  - Performance assessments will comprise approximately 5% of each quarter grade, and each assessment will be worth 15 points.
  - Graded practice assignments will comprise approximately 5% of each quarter grade, and each assignment will be worth 5 points.
- ◆ The final exam will count 1/9 of the year grade.
- ◆ There will be no "extra credit". However, bonus problems **may** be offered on some tests.
- ◆ Students will have some opportunities to retake or redo graded assessments. Students will be permitted to retake one unit summative assessment per semester. To be eligible to retake an assessment the student must show evidence that additional work has been completed to achieve mastery of the content. Any student wishing to retake or redo an assessment must see Mrs. Rhodes to discuss the procedures and requirements.
- ◆ Parents and students are reminded that all student papers, tests, etc. are the property of Princess Anne High School and the instructor. These items may be sent home at the teacher's discretion. Any parent wishing to view any materials shall contact the teacher.

**SOLs:** The Commonwealth of Virginia has adopted Standards of Learning (SOL's) for this course, and students are required to complete a Virginia Department of Education End-of-Course test in this course.

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## Attendance and Make-up Work

- ◆ It is the student's responsibility to obtain assignments missed due to absence and to submit collected assignments when complete.
- ◆ Use the syllabus to determine the lesson you are missing when absent and try the practice assignment on your own.
- ◆ **If you miss the test review day just prior to a test, YOU MUST TAKE THE TEST ON THE SCHEDULED DAY.**
- ◆ **If you miss a test day, YOU MUST TAKE THE TEST DURING CLASS ON THE DAY THAT YOU RETURN TO CLASS.**
- ◆ All make-up practice assignments and quizzes should be completed within two class periods of the date of your last Algebra 2/Trig absence. Quizzes must be made up outside of class.

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## Extra Help

I am committed to helping students grow and learn and will help in any way I can! There simply is not enough time during class for every student to receive the *individual* help he/she may need. Students must take responsibility for their own learning, use recommended resources as needed, and seek extra help any time they feel they do not fully grasp the lesson discussed in class. I will be available for extra help after school as often as possible. See me to schedule a time to meet after school.

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## Electronic Devices

With the implementation of the Bring Your Own Device (BYOD) program, it can be implied that many students will be bringing their own laptops, tablets and smartphones to school with them. While we encourage the use of all technology for instructional purposes, the security of student devices is the responsibility of the student. Teachers and staff will not be held accountable for the safe keeping of student devices. Devices are to be used in classes **only when the teacher clearly states they are allowed to be used as learning tools.** Students who use the technology inappropriately or without direction from the teacher will be referred to the administration for discipline.

## Algebra 2 Trigonometry Classroom Expectations and Financial Responsibility Agreement

**Parents** : Please read and discuss these expectations with your son or daughter and return this page to me with your signature and other information below.

Your child's success is my ultimate goal, and your involvement is needed to achieve this objective. Although your child is a high school student and capable of accepting responsibility, most students need parental encouragement to remain focused and motivated to succeed. Please monitor your child's work habits to be sure that he/she is completing work regularly and seeking extra help when needed. Routinely calling the parents of all of my students is an impossibility so if you should ever have questions or concerns, please e-mail me at **Patricia.Rhodes@VBSchools.com** or leave a message for me at **648-5600, ext. 78523**, and I will respond as soon as possible.

Parents and students are also encouraged to subscribe to Mrs. Rhodes' Algebra 2 Trigonometry **Remind** announcements. Through this platform you may choose to receive announcements via text message, email or both, and you may unsubscribe at any time. The service is free, but standard text message rates do apply. Directions for subscribing are attached.

The **PAHS Open House** is scheduled for the evening of Thursday, September 29, 2016 at 6:00 p.m. I hope to have the opportunity to meet you then!

***I have read, understood and discussed with my parent/student the class expectations for Mrs. Rhodes' class. I understand that I will be held financially responsible for any materials and equipment issued to me/my child this year.***

_____	_____	_____
<b>Student's Last Name – please print</b>	<b>First Name</b>	<b>Current Grade Level</b>
_____		
<b>Student E-mail Address</b>		
_____	_____	
<b>Student Signature</b>	<b>Date</b>	

_____		_____
<b>Parent/Guardian Name – please print</b>		<b>Relationship to student</b>
_____	_____	_____
<b>Home Phone</b>	<b>Work / Cell Phone</b> <i>circle one</i>	<b>Parent/Guardian E-mail Address</b>
_____	_____	
<b>Parent/Guardian Signature</b>	<b>Date</b>	

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## What is Remind?



Remind is a simple way for you to stay informed and up-to-date with what's happening in your class. By joining your teacher's class on Remind, you're choosing to receive class messages via push notifications, SMS, or email.

Don't worry, your phone number will not be shared with the teacher or anyone else in the class.

Visit [remind.com](http://remind.com) to learn more.

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## To sign up for Mrs. Rhodes' ALGEBRA 2 TRIGONOMETRY ANNOUNCEMENTS in Remind:

Choose a way to receive your messages.

A

If you have a smartphone, get push notifications.

On your iPhone or Android device, open your web browser and use the link:

[rmd.at/gbdh29](http://rmd.at/gbdh29)

Follow the instructions to sign up for Remind.  
You will be prompted to download the mobile app.



B

If you do not have a smartphone, get text notifications.  
Text the message @gbdh29 to the number 81010.

If you have trouble with 81010,  
try texting @gbdh29 to (571)364-6542.



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