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| PAHS IBMYP Algebra 2 & Trig Classroom Expectations *2019-2020* |

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| * Visit the Parent Vue on the Internet to view up-to-date student grades and attendance.  Grades are updated weekly. Note: Major tests, essays, projects, and research papers may take longer than one week to grade. * While we encourage the use of 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 safekeeping of student devices. * Parents are reminded that all student papers, tests, exams, 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 material shall contact the teacher. * Students taking an Advanced Placement (AP) or International Baccalaureate (IB) course are expected to take the AP or IB exam. * Loss/Damaged Textbooks/Chromebooks: Students will be assessed a fee of 100% of the book/Chromebook cost for damages that prevent re-distributing the book/device and/or missing or unreadable bar codes. Please contact the main office for extenuating circumstances.  Course Description and Objectives: 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:** Inequalities and Absolute Value Equations | **Unit 5:** Inverses and Radical Functions and Relations | | **Unit 2:** Quadratic Functions and Equations | **Unit 6:** Exponential, Logarithmic, and Special Functions | | **Unit 3:** Polynomials and Polynomial Functions | **Unit 7:** Sequences and Series | | **Unit 4:** Rational Functions and Relations | **Unit 8:** Probability and Statistics | |  | **Unit 9:** Trigonometry |   **Textbook / Online Textbook / Supplemental Materials:**  **Chromebook:** All students will be issued a Chromebook by the school. ***It needs to be fully charged each day!***  **Calculators:** This year, we will mainly be using the Desmos online software, but we will have a set of calculators in class that can be used daily. If the student decides to purchase their own calculator, it should be a TI-84 Plus or TI-84 Plus CE.  If a student cannot purchase a calculator, a school-issued calculator can be checked out for the year and the student will provide his/her own batteries. |
| **Grade Determination:**  Quarter grades result from students’ academic knowledge of the units of study in the Algebra 2 curriculum. To determine student’s grades, content will be broken down into the categories below:   |  |  |  | | --- | --- | --- | | **Practice (10%)**  Padlets, Quizziz, Desmos Activities, Math Space, and Homework | **Minor Assessments (35%)**  Quizzes, Performance Tasks,  5-in-10s, Math Space | **Major Assessments (55%)**  Unit Tests and Projects |   **The grading scale is as follows:**  **A** = 93-100 **B+** = 87-89 **B-** = 80-82 **C** = 73-76 **D+** = 67-69 **E** = below 64   1. = 90-92 **B**  = 83-86 **C+** = 77-79 **C-** = 70-72 **D**  = 64-66   **Grades will be distributed on the following dates:**   |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | **1st Quarter** | **2nd Quarter** | **3rd Quarter** | **4th Quarter** | | **Progress Reports** | October 9 | December 13 | March 4 | May 12 | | **Report Card** | November 13 | February 11 | April 9 | June 22 |   **Assessment and Grading Policy:**  **Homework:** A syllabus will be handed out at the beginning of each unit, listing daily practice assignments and the schedule for the whole unit. Any changes to the syllabus will sent through **Remind**. You will be expected to check and correct your homework assignments at **cindyedwards.weebly.com** in a non-black pen before coming to class. *No late work will be accepted.*  **Assessments:** There will be multiple minor assessments and one to two major assessments per unit. In most cases, detailed work must be shown in order to receive full credit. Students will be assessed using the IBMYP Mathematics criteria on specific assignments at various times during the school year. There will be one major Desmos project assigned, which will be worked on all year and due at the beginning of the 4th quarter. |
| **Make Up Policy:** When absent, please refer to your syllabus and stay up to date with the class as much as possible. Upon your return to school, come to the teacher’s desk to receive your missing papers and turn in your homework.  If a student misses a review day before a test, they are still expected to take the test on the scheduled day. If a student misses a test or a quiz for an **excused** absence, he/she will be expected to make it up within 3 school days at the following times: the next block, Academic Support, One Lunch, or after school. Other work missing from an **excused** absence has 2 A/B days to be turned in for full credit. The student should talk to the teacher to discuss a make-up schedule for extended absences and, if possible, should inform the teacher of upcoming absences.  **Late Work Policy:** Late work is considered work turned in by a student after the due date even though the student was present in class. No late work will be accepted unless it has been approved by the IB Coordinator.  **Academic Recovery: *In order for a student to be eligible to retake an assessment, the following criteria must be met:***  the test score must be below an 86%, 100% of the homework must be completed before the original test day, and a remediation assignment must be turned in along with quiz and test corrections for the unit. The maximum grade that may be earned on a retake is an 86%. ***Only one Unit test retake will be allowed per quarter***.  **Materials and Supplies:**   |  |  | | --- | --- | | **Required** | **Optional** | | * 2” binder with at least 9 dividers | * Colored pencils and highlighters | | * Loose leaf and graph paper | * Ruler | | * Pencils with a good eraser (If using mechanical pencils, please have extra lead.) | * 3 AAA batteries if you decide to buy your own calculator | | * A pair of earbuds or headphones | * One box of tissues for the classroom | | * Calculator (See Supplemental Materials above) | * Hand sanitizer |   **Notebook Organization:**   * Each student is required to keep a loose-leaf notebook to be used for ALGEBRA 2 **ONLY**. * The notebook must contain nine section dividers. It should contain one section for each of the eight units of study listed above and one section for Important Papers & SOL Test Review. * Materials within each section are to be kept in chronological order.  Classroom Procedures & Discipline Plan: **ALL students will be expected to:**   * Put your phone in a designated spot assigned to you and pick up your classroom calculator at the beginning of each class. Phones may be checked out for extenuating circumstances, which must be cleared with the teacher before class. * Communicate any personal problems with the teacher before class to avoid unnecessary misunderstandings. * Show respect to the teacher and all students. * Ask questions regarding grades before or after class, so it does not disrupt classroom instruction. * Stay focused during instruction at all times. Sleeping in class will NOT be tolerated. * Ask for a pass to the clinic if a student is feeling ill. * Stay completely silent during tests/quizzes and keep his/her paper covered at all times. * Use a pencil or black pen on all graded assignments and use a NON-BLACK pen to make all corrections. * Put forth his/her BEST EFFORT each day, regardless of how difficult the material may be. * Patiently help students in your group when you understand a concept and they are having trouble. * See failure as an opportunity for learning and use it to grow. Come to tutoring and NEVER GIVE UP!   **Teacher Support:**   * Tutoring will be offered in room 305 every Monday and Wednesday during One Lunch from 11:50 to 12:15. * If a student needs help on something, he/she can come see me during my hall duty, which is every Tuesday and Thursday from 11:50 to 12:15 at the end of the 900 hall by the breezeway. * The best way to contact me is through my VBCPS email (cindy.edwards2@vbschools.com).   **My class schedule is as follows:**   |  |  | | --- | --- | | **1A:** Algebra 2 (Room 305) | **1B:** IBMYP Algebra 2 & Trigonometry (Room 305) | | **2A:** IBMYP Algebra 2 & Trigonometry (Room 305) | **2B:** IBMYP Algebra 2 & Trigonometry (Room 305) | | **3A:** Planning (Room 305) | **3B:** ILT Planning (will be around the building) | | **4A:** IBMYP Algebra 2 & Trigonometry (Room 305) | **4B:** Collaborative Planning (Room 305) | |