

## St. John's Preparatory School

**Course Title:** Algebra 2 Common Core 11.4 - Honors

**Teacher's Name:** Ms. Hillig

**Textbook:** Algebra 2 – Glencoe Publication  
Aligned to the Common Core Standards

**Workbook:** Algebra 2 Common Core Workbook (online)

### **Objective:**

Building on their work with linear, quadratic, and exponential functions, students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions and continue to expand and hone their abilities to model situations and to solve, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. Building on previous work with functions, and their work with trigonometric ratios and circles, students will now use the coordinate plane to extend trigonometry to model periodic phenomena. SAT work will also be done. Students are **required** to take the Algebra 2 Common Core Regents Exam in June.

**Necessary Materials:** Each student needs to bring to class pens/pencils, a 3 Ring Binder **dedicated just for Math**, and a graphing calculator every day. Graph paper will be needed at some point during the year.

**Homework Assignments:** Homework will be assigned each night. The student's name and the assignment should be visible at the top of the page. Homework is to be done neatly. Homework will be checked each day. To be a successful student in this class it is extremely important that homework is done nightly. **Late homework will not be accepted.** If a student is absent, they can check the class web site for the assignment. Homework can be turned in when they return.

**Textbook and Workbook:** There will be a class set of textbooks in class for students to use when necessary. Students can access the Algebra 2 Workbook by going to my class web site and clicking on the link provided or by going on Google Classroom.

### **Calculation of Grade:**

- 50% - Tests
- 25% - Quizzes
- 15% - Homework
- 10% - Participation/Preparedness

**Testing:** Exams are cumulative and given on a regular basis. Testing includes all exams, quizzes, and pop-quizzes. If a student misses an exam, it is his/her responsibility to see me regarding a time and place to schedule a make-up exam. Since every student is required to have a calculator, sharing a calculator during an exam is not permitted. Similarly, students are responsible to have their calculators with them on testing days, no excuses! If a student does not have a calculator on a test day, then the student will have to take the exam without a calculator.

**(OVER)**

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## **Classroom Policies:**

- Every student is expected to come to class on time. After 3 lates a student will serve detention with the teacher.
- Each student is expected to come to class prepared to work with the necessary materials each day.
- Every student is expected to treat fellow classmates and the teacher with respect.
- Every student will receive a progress report midway through each quarter.
- Extra help will be given before or after school. A schedule will be set up that is agreeable to both students and teacher.

**Attendance:** Attendance is very important for students to fully learn the material. In the case of an absence, it is the **student's responsibility** to obtain any missed class notes and homework from a classmate, the class web site or myself. It would be helpful if the student exchanged phone numbers with someone in class.

**Classroom Web Site:** I have set up a web site for the class. The web address for this web site is [www.mshillig.org](http://www.mshillig.org). It will contain homework assignments, workbook pages, resources, and important documents. It is updated daily.

**Parent/Student Plus Portal:** The Parent/Student Plus Portal will be updated on a weekly basis. I would ask that you give me a week to grade any tests or quizzes. It is extremely important that you check the Parent/Student Plus Portal on a weekly basis. If you have any concerns, they can be addressed right away. If you have any concerns regarding the system or are having trouble, please do not hesitate to ask.

**Google Classroom:** All students will be asked to join Google Classroom for our class. Important documents and assignments will be posted to Google Classroom. Parents will only be able to access Google Classroom using your child's login information. Please have them share that with you. **Class Code: t2j52vc**

**Remind App:** Throughout the year I will be using this app to remind students of certain things. For example: upcoming tests, quizzes, projects, extra credit, etc. Students are **required** to register for this application either by downloading the free app on their smart phone or by going to [www.remind.com](http://www.remind.com) and click on sign up. Parents/Guardians may also register and receive the same messages I send to students. Just ask your child for the class code. **Code: @4h9af2**

**Contact:** I will be using the student's school email account to communicate with them. I am asking for a parent email address so that I can contact you by email as well. I will send a Google Form to students and ask them to complete the form which will contain a few questions, one of which will be requesting a parent email.

To contact me during the day, call (718) 721 – 7200 and leave a message. I will return it as soon as possible. You can also e-mail me at [dhillig@stjohnsprepschool.org](mailto:dhillig@stjohnsprepschool.org) if that is more convenient.

I look forward to working with you and your child this year. I know it will be a successful year!