

Contact Mr. Griffin, Dean of S.T.E.M. at sgriffin@stbernardhs.com if you have questions.

Books are required supplemental books needed for the class and will be used all year. See Textbook list for ISBN numbers and details. Books are widely available in bookstores and online (Amazon.com and other sites.)

Honors Geometry (includes incoming freshmen)

Math Smart: All Chapter 1 Quizzes

Solve all of the problems on separate sheets of paper without using a calculator. Be sure to write the problem, show work as necessary, and then box the answer.

Quiz 1, p 11

Quiz 8, p 35

Quiz 2, p 16

Quiz 9, p 38

Quiz 3, p 20

Quiz 10, p 45

Quiz 4, p 22

Quiz 11, p 46

Quiz 5, p 25

Quiz 12, p 48

Quiz 6, p 27

Quiz 13, p 51

Quiz 7, p 27

Please check your answers on pages 53 to 57.

Memorize the glossary of terms on page 50 and 51.

This assignment is due the first day of classes, August 22. The summer homework is worth 3 homework grades. In addition, there will be a quiz within the first two weeks of school based off of this material. If you have any questions, please contact the Sean Griffin, Dean of STEM, via e-mail sgriffin@stbernardhs.com.

Honors Algebra 2 / Trigonometry

E-Z Trigonometry: Chapter 1 exercises

Read intro on pages v to vii

Read pages on pages 1 - 13

Pay close attention to the information on pages 8 to 11

Solve all of the problems on pages 13 to 14 on separate sheets of paper. Be sure to write the problem, show work as necessary, and then box the answer.

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Honors Math Analysis

Gruber's Complete SAT Math Workbook: Part II

Solve the problems on pages 25 to 37 on separate sheets of paper. Be sure to write the problem, show work as necessary, and then box the answer.

Check your answers using pages 38 to 39, and then use the solutions on pages 40 to 51 to understand your mistakes.

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AP Calculus

Calculus Workbook for Dummies: Chapters 1 to 6

1. Read the explanation pages 5 to 91
2. Put a star [or something] by the particular example problems and/or concepts you find difficult.
3. Solve all of the problems in each practice set on separate sheets of lined paper.
4. Staple the pages together so that each packet corresponds to one chapter. [You will turn these in on the first day.]
5. On a separate sheet, write any of the problems that you have questions about, indicating the page number and chapter. [You will turn these in on the first day.]
6. Be ready for your first exam during the block period of that first week, which will be the second day of class. During the exam, you will be allowed to use the summer homework that you turned in. This exam will be worth 5% of your overall grade.

Honors Chemistry

Cracking the SAT Chemistry Subject Test: Chapters 3 and 4

This assignment is due the first day of classes, August 22.

Read pages 12 to 14 to understand the 3 types of questions

Read pages 27 to 37 (Chapter 3) and answer the questions on pages 34 to 36

Read pages 41 to 48 (Chapter 4) and answer the questions on pages 46 to 47