

WILSON HILL
ACADEMY

Book and Material List 2017-18
Math

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|-------------|-----------------------------|---------------|------------------|---------------------------|
| Pre-Algebra | Pre-Algebra | 9780395591239 | Brown & Dolciani | Houghton Mifflin Harcourt |
| Pre-Algebra | Pre-Algebra Solutions Guide | 9780395596753 | Brown & Dolciani | Houghton Mifflin Harcourt |

Solutions Guide available for purchase at <http://wilsonhillacademy.mybigcommerce.com>. PDF will be available as a download from the Pre-Algebra class in the WHA Canvas Learning Management System, and the password will be provided the week before classes begin.

Pre-Algebra Wacom Intuos Draw CTL490DW Digital Drawing and Graphics Tablet or comparable, available from Amazon <http://goo.gl/jPkHxp>

Algebra I Algebra: Structure and Method, Book I 9780395977224 Dolciani Houghton Mifflin Harcourt

Algebra I Algebra: Structure and Method, Book I Solutions Guide 9780395677643 Dolciani Houghton Mifflin Harcourt

Algebra I Calculator use will be permitted. It is strongly recommended that students have a TI-83 Plus or a TI-84 Plus graphing calculator. Teacher will teach and demonstrate from the TI-84 Plus edition.

Algebra I Wacom Intuos Draw CTL490DW Digital Drawing and Graphics Tablet or comparable, available from Amazon <http://goo.gl/jPkHxp>

Algebra 2 Algebra and Trigonometry: Structure and Method, Book II 9780395977255 Dolciani Houghton Mifflin Harcourt

Algebra 2 Algebra and Trigonometry: Structure and Method, Book II Solutions Guide 9780395677650 Dolciani Houghton Mifflin Harcourt

Algebra 2 Ti-83 Plus or Ti-84 Plus Silver Edition or better is acceptable; instructor will teach and demonstrate from the Ti-84 Plus-C Silver Edition

Algebra 2 Wacom Intuos Draw CTL490DW Digital Drawing and Graphics Tablet or comparable, available from Amazon <http://goo.gl/jPkHxp>

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| Geometry | Geometry | 9780395977279 | Jurgensen | Houghton Mifflin Harcourt |
| Geometry | Geometry Solutions Guide | 9780395677667 | Jurgensen | Houghton Mifflin Harcourt |
| Geometry | Any scientific calculator; instructor will teach and demonstrate from the Ti-84 Plus-C Silver Edition | | | |
| Geometry | Compass and Straight Edge | | | |
| Pre-Calculus | Precalculus with Limits: A Graphing Approach 7e | 9781305071711 | Larson | http://www.cengagebrain.com/micro/WilsonHill . |
| Pre-Calculus | Student Solutions Manual | 9781305117112 | Larson | http://www.cengagebrain.com/micro/WilsonHill . |
| Pre-Calculus | Ti Nspire CX CAS, Ti-84 Plus Silver Edition or better is acceptable | | | |
| Pre-Calculus | Wacom Intuos Draw CTL490DW Digital Drawing and Graphics Tablet or comparable, available from Amazon http://goo.gl/jPkHxp | | | |
| AP Calculus AB | Calculus for AP | 9781305674912 | Larson | http://www.cengagebrain.com/micro/WilsonHill . |
| AP Calculus AB | Student Solutions Manual | 9781305952973 | Larson | http://www.cengagebrain.com/micro/WilsonHill . |
| AP Calculus AB | Ti Nspire CX CAS | | | |
| AP Calculus AB | Wacom Intuos Draw CTL490DW Digital Drawing and Graphics Tablet or comparable, available from Amazon http://goo.gl/jPkHxp | | | |
| AP Statistics | The Practice of Statistics 5th edition | 978-1-4641-0873-0 | Starnes, Tabor, Yates, & Moore | W. H. Freeman Note: Course Instructor has several copies available for rent. Please contact ereini@wilsonhillacademy.com |
| AP Statistics | Ti-83 Plus or Ti-84 Plus Silver Edition or better is acceptable | | | |
| AP Statistics | Strongly recommended, but not required: Wacom Intuos Draw CTL490DW Digital Drawing and Graphics Tablet or comparable, available from Amazon http://goo.gl/jPkHxp | | | |

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Note on calculator use: Student begin using more advanced calculators in Algebra 1 as an enhancement to their learning, not as a replacement for learning how to perform operations and graph by hand. An introduction in Algebra 1 is helpful as upper level courses rely more heavily on calculator use. Several options are noted for each class. At the Calculus level, the Ti-Nspire CX CAS is required. If you anticipate that your student will progress to Calculus, you may want to consider purchasing this calculator for earlier math courses so that you will only need to purchase one calculator in high school.