



Mill Valley High School

Pre-AP/AP/Honors to Grade Level Course Comparison

Below is a comparison of the Pre-AP/AP/Honors classes to grade level classes for the 2017-2018 school year. This document is to provide your family with information to aid in your decision making process.

Integrated Math 1 Comparison

	Honors Integrated Math 1	Integrated Math 1
Summer Homework	<ul style="list-style-type: none"> ● Students complete a series of lessons to show their prerequisite knowledge. ● An introduction to the first chapter will be provided and it is expected that students will be ready to start the school year with this knowledge. 	<ul style="list-style-type: none"> ● None
Homework	<ul style="list-style-type: none"> ● Students will have homework daily, often even on “test days”. ● At least one project per chapter is assigned. <ul style="list-style-type: none"> ○ These are often completed outside of class time. ○ The projects relate math to applicable “real world” experiences. 	<ul style="list-style-type: none"> ● Students will have homework daily, however typically not on test days. ● One project per semester is assigned and some class time is given to complete them.
Rigor of Math Content	<ul style="list-style-type: none"> ● We follow the curriculum of Carnegie’s Integrated Math 1 textbook. ● Algebra 1, Geometry, Statistics and some Algebra 2 concepts are covered. ● The content is occasionally supplemented with subjects and topics beyond those included in the textbook. ● Students in this course have the opportunity to take AP Calculus their senior year. 	<ul style="list-style-type: none"> ● We follow the curriculum of Carnegie’s Integrated Math 1 textbook. ● Algebra 1, Geometry, Statistics and some Algebra 2 concepts are covered. ● Students in this course may not reach AP Calculus by their senior year.
Rigor of Writing/Reading	<ul style="list-style-type: none"> ● Students will be assigned at least one essay to write over the course of the year. ● It is expected that students be able to express their thought process in writing, and to justify their decisions based on mathematical evidence. ● Responses are expected to make use of a strong working math vocabulary and provide a profound understanding of the material. ● Students are given passages to read and interpret in a mathematical context. 	<ul style="list-style-type: none"> ● It is expected that students be able to express their thought process in writing, and to justify their decisions based on mathematical evidence.
Benefits	<ul style="list-style-type: none"> ● Focus on preparing the student for college & career readiness. ● The course will give acute attention to mathematical detail, which will prepare students for subsequent higher level math courses. ● This course receives a .5 weighting towards the student’s weighted GPA. ● Colleges look for Honors/rigorous courses on transcript. 	<ul style="list-style-type: none"> ● Focus on preparing the student for college & career readiness. ● Preparation for Integrated Math 2 & Integrated Math 3 ● Provides a smooth transition into high school courses.