

Four-year course sequence for Standard High School Diploma Requirements

FRESHMAN (9th)

- English 1-2
- Algebra 1
- Biology (Regular or Honors)
- Career and Technical Ed, Fine Art/PAC* or Computer Science
- PE/ROTC or PE (sem) and Health (sem)
- Elective

SOPHOMORE (10th)

- English 3-4 (Regular or Honors)
- Geometry or Formal Geometry (H)
- Chemistry (Regular or Honors) or Physical Science
- World History
- PE/ROTC or Health (if needed)
- Elective or PAC*

JUNIOR (11th)

- English 5-6
- Algebra 2, Algebra 2 H
- 3rd year science (req'd for University admission and Millennium Scholarship and/or Flex Credit)
- US History
- Art/Humanities/Comp Sci if needed
- Elective, PAC*, or CTE for Flex Credit

SENIOR (12TH)

- English 7-8
- Government 1-2
- 4th year math (Flex Credit)
- Two or more elective classes or PAC*

22.5 Credits required for graduation (Class of 2019, 20 & 21)
23 Credits with Flex Credit required for graduation (Class of 2022 ↑)
***PAC diploma requirement (four years)**

Four-year course sequence for Advanced Diplomas/ University enrollment/Millennium Scholarship

FRESHMAN (9th)

- English 1-2 (H)
- Algebra 1 or Formal Geometry (H)
- Biology (Regular or Honors)
- Career and Technical Ed, Fine Art/PAC* or Computer Science
- PE/ROTC or PE (sem) and Health (sem)
- World Language (req'd for Honors Diploma)

SOPHOMORE (10th)

- English 3-4 (Regular or Honors)
- Geometry, Formal Geometry (H) or Algebra 2 H
- Chemistry (Regular or Honors)
- World History or AP Course
- PE/ROTC or Health (if needed) or PAC*
- World Language (req'd for Honors Diploma)

JUNIOR (11th)

- English 5-6 or AP English Language
- Algebra 2 or Algebra 2 H or Pre Calc w/Trig
- 3rd year science (req'd for University admission and Millennium Scholarship)
- US History (Regular or AP)
- Art/Humanities/CTE/Comp Sci if needed
- Elective or World Language or PAC*

SENIOR (12TH)

- English 7-8 or AP English Literature
- Government 1-2 or AP Am Government
- 4th year math (req'd for Millennium Scholarship)
- Two or more elective classes or PAC*

24 Credits required for Advanced or Honors Diploma
8 Honors credits required for Honors Diploma
***PAC diploma requirement (four years)**

9 th Grade Classes	
English	
Math	
Science	
CTE/ART	
PE/ROTC	
Elective/PAC	

11 th Grade Classes	
English	
Math	
Science (Flex)	
US History	
Elective	
Elective/PAC	

10 th Grade Classes	
English	
Math	
Science	
W. History	
PE/ROTC	
Elective/PAC	

12 th Grade Classes	
English	
Math (Flex)	
Government	
Elective	
Elective/PAC	
Other	

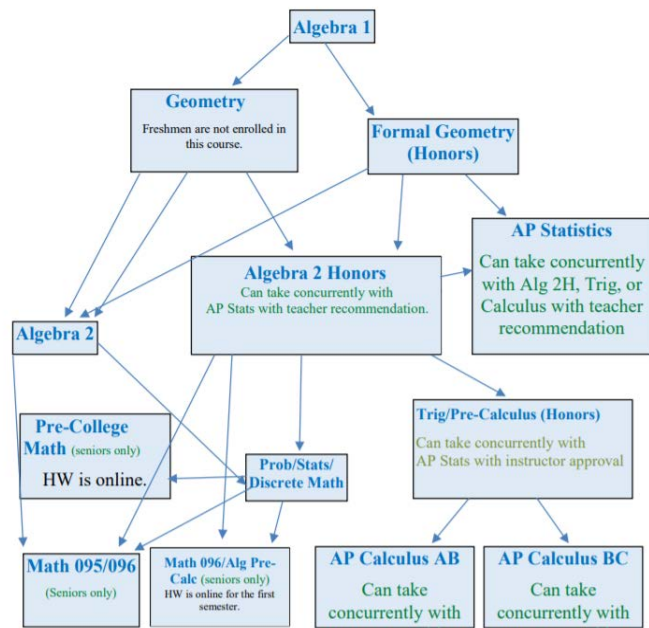
Student Signature: _____ Parent Signature: _____ Date: _____
 Counselor Signature: _____

Damonte Ranch High School Math and Science Sequences

WCSD High School Science Course Sequence

Course Title	Course #
9th Grade *	
Biology	3141/3142
Biology (H)	3143/3144
10th Grade	
Chemistry	3201/3202
Chemistry (H)	3203/3204
11th Grade/12th Grade	
Human Anatomy & Physiology (H)	3261/3262
Physics (H)	3241/3242
Microbiology (H)	3171/3172
Earth Science (H)	3133/3134
Advanced Placement Science Classes: Curriculum for AP classes is regulated by College Board. AP courses can be taken after successfully meeting the prerequisite(s) as stated in the course catalog.	
AP Biology	3149/3150
AP Chemistry	3211/3212
AP Environmental Science	3115/3116
AP Physics 1	3263/3264
AP Physics 2	3265/3266

Damonte Ranch High School Math Flowchart



Graduation Guide

Course Title	WCSD Standard (2019-2021 cohorts)	WCSD Standard (2022 +)	State Advanced	College and Career Ready with Endorsement	WCSD Honors
English	4.0	4.0	4.0	4.0	4.0
Math (Must include Algebra 1, Geometry & Algebra 2 or equivalent)	3.0	3.0	4.0	4.0	4.0Δ
Science	2.0	2.0	3.0	3.0	3.0†
American Government	1.0	1.0	1.0	1.0	1.0
U.S. History	1.0	1.0	1.0	1.0	1.0
World History/World Geography	1.0	1.0	1.0	1.0	1.0
PE/HSROTC	2.0	2.0	2.0	2.0	2.0
Arts/Humanities/CTE/HSROTC 5-6/7-8	1.0	1.0	1.0	1.0	1.0
Computer Literacy	0.5	0.5	0.5	0.5	0.5
Health	0.5	0.5	0.5	0.5	0.5
World Language	0	0	0	0	2.0*
Electives	6.5	6.0	6.0	6.0	4.0
Flex Credit**	0	1.0	0	0	0
Endorsement (College and/or Career)	0	0	0	See Back	0
TOTALS	22.5	23.0	24.0	24.0	24.0
# of Honors Courses					8
Required Cumulative GPA			3.25 on a 4.0 scale (no rounding)	3.25 on a 4.0 scale (no rounding)	3.40 on a 4.0 scale (no rounding)

Δ Algebra 1; Geometry or Formal Geometry; Algebra 2 (or their equivalents); plus 1 or more math class beyond Algebra 2

† Two credits must be in Biology, Chemistry, or Physics

* Two credits in the same world language

** Flex credits can be: a 2nd or 3rd year CTE completer course in one program of study, or a 4th year of math (including Alg 2 or higher), or a 3rd year of science, or a 4th year of social studies (WCSD requires 3 in Social Studies- World History/Geography, U.S. History, and American Government- for graduation)