

Courses in higher level mathematics: Precalculus, Calculus*, Advanced Statistics, Discrete Mathematics, Advanced Quantitative Reasoning, or courses designed for career technical programs of study.

Algebra II

Geometry

High School
Algebra I

Traditional Pathway
Typical in U.S.

Mathematics III

Mathematics II

Mathematics I

Integrated Pathway
Typical outside of U.S.

NOT YOUR MOTHER'S ALGEBRA 1

(based on sample "Traditional" pathway in CA Framework draft)

Common Core Grade 8 <ul style="list-style-type: none">▪ Pre-Algebra▪ Some "1997 High School Geometry"▪ "1997 Algebra 1A"	Common Core Algebra 1 <ul style="list-style-type: none">▪ "1997 Algebra 1B"▪ "1997 Algebra 2A"▪ Some Statistics Topics
Common Core Geometry <ul style="list-style-type: none">▪ More "1997 High School Geometry"▪ Transformational Geometry▪ Probability from "1997 Algebra 2"	Common Core Algebra 2 <ul style="list-style-type: none">▪ "1997 Algebra 2B"▪ Introductory Trig▪ Some AP Statistics

"These Standards are not intended to be new names for old ways of doing business. They are a call to take the next step."

— CCSS (2010, p.5)

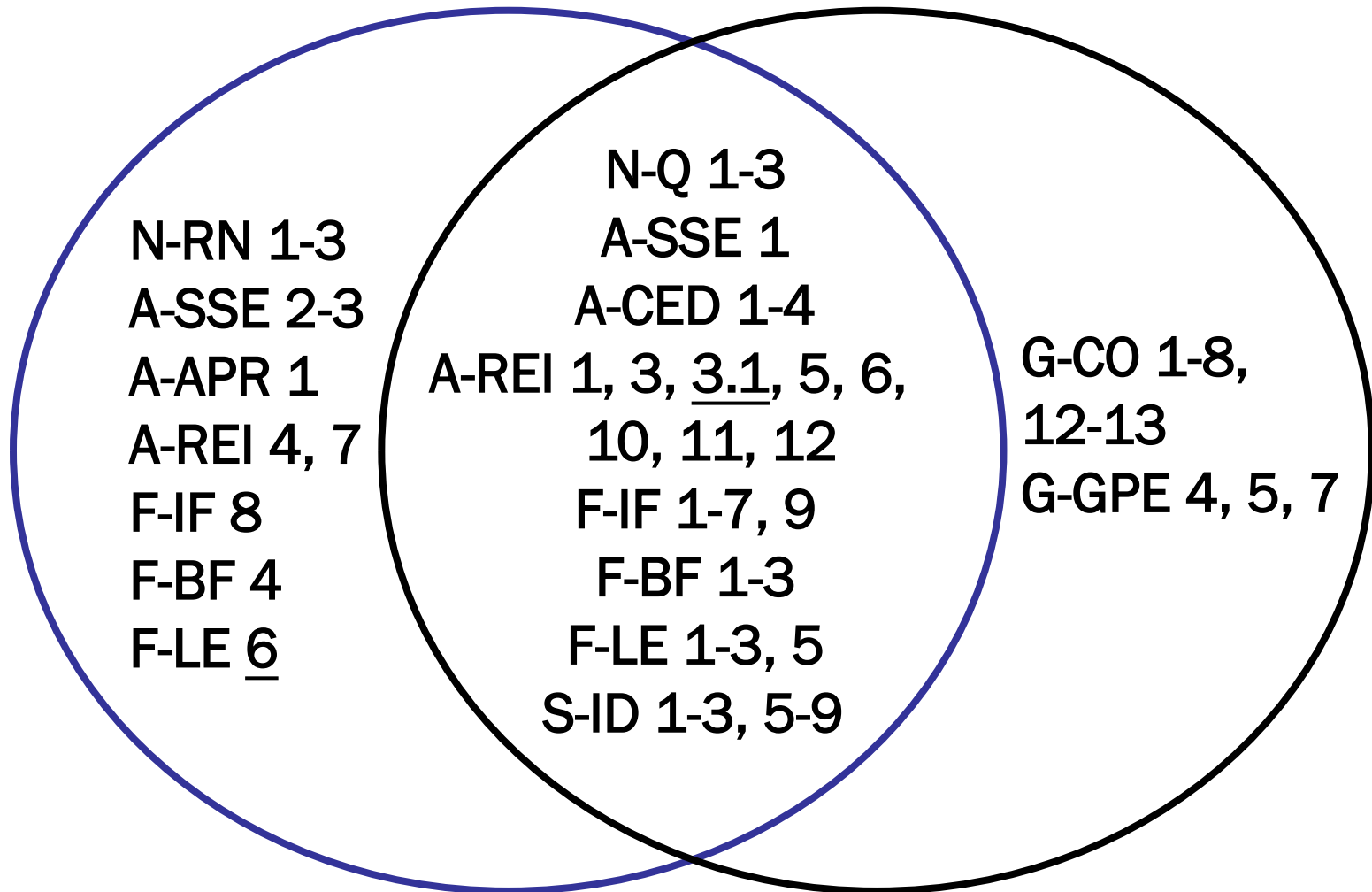


UCLA Department of Mathematics

The Philip C. Curtis Jr. Center for Mathematics and Teaching

Algebra I

Math I



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Geometry

Math II

G-CO 1-8,
12-13
G-SRT 9-11
GPE 5-7
G-GMD 4
G-MG 1-3

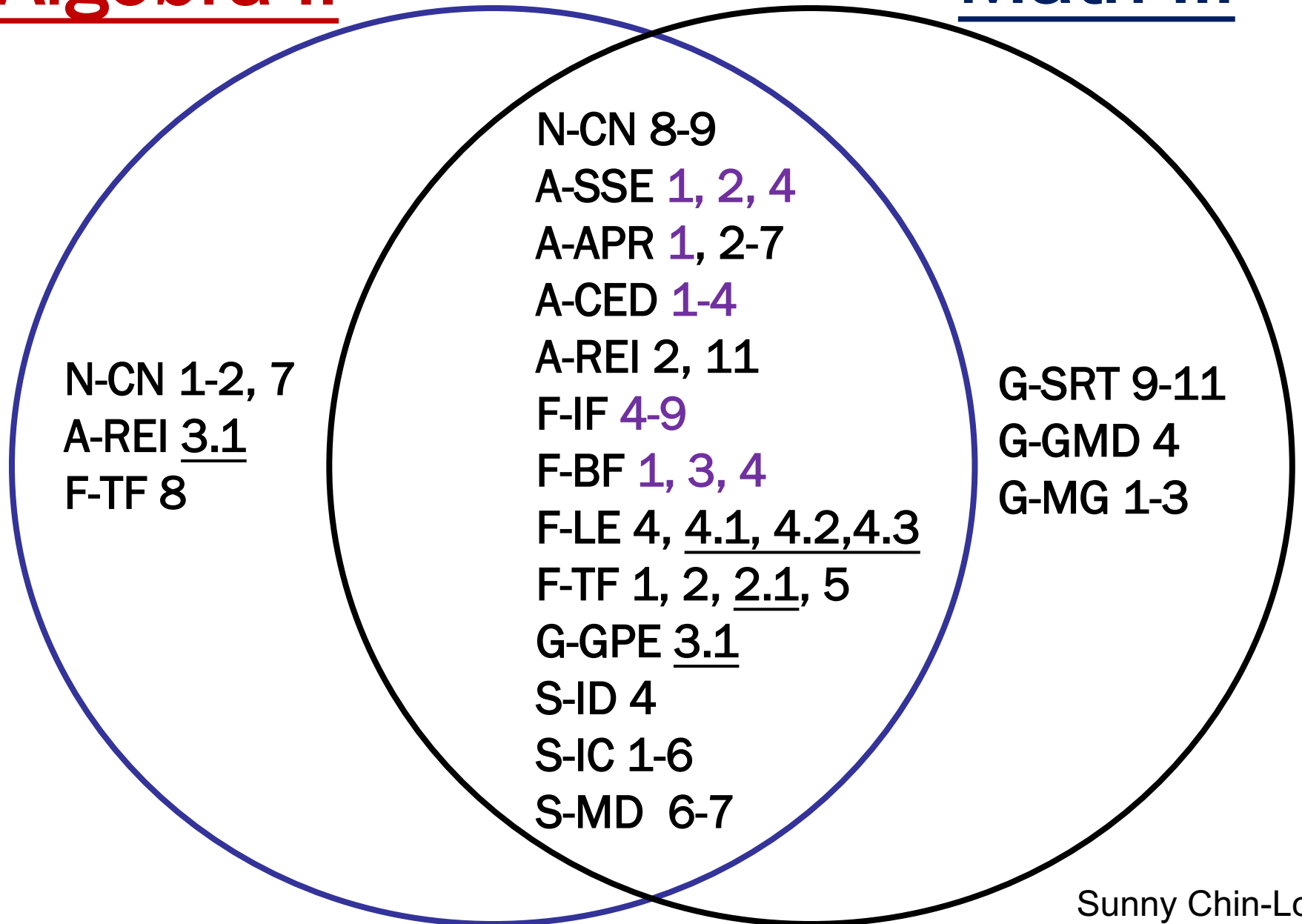
G-CO 9-11
G-STR 1-8, 8.1
G-C 1-5
G-GPE 1-2, 4
G-GMD 1, 3, 5, 6
S-CP 1-9
S-MD 6-7

N-RN 1-3
N-CN 1-2, 7-9
A-SSE 1, 2, 3
A-APR 1
A-CED 1, 2, 4
A-REI 4, 7
F-IF 4-7, 8, 9
F-BF 1, 3, 4
F-LE 3, 6
F-TF 8

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Algebra II

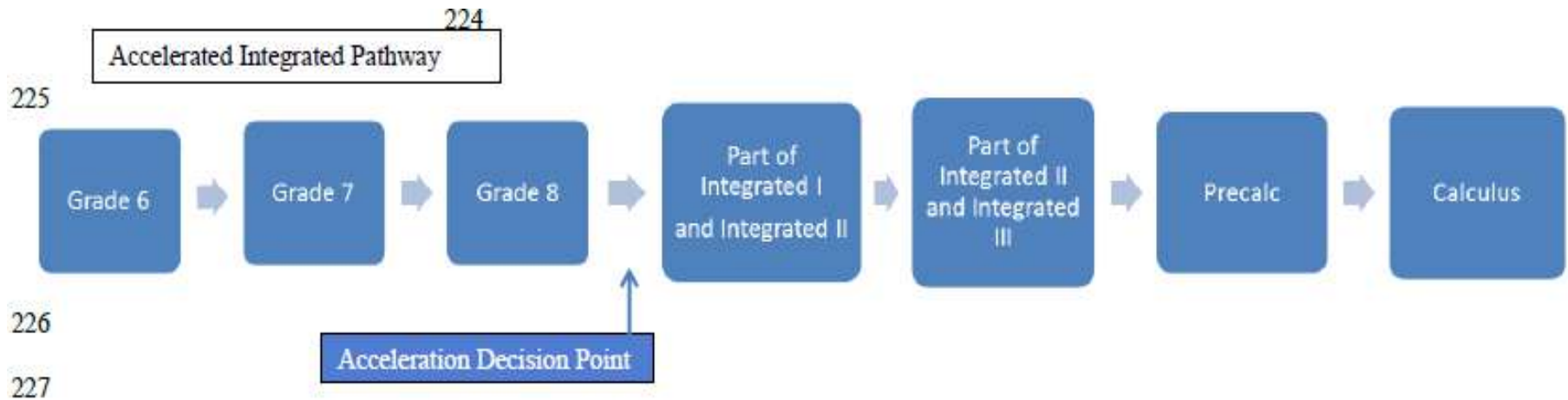
Math III



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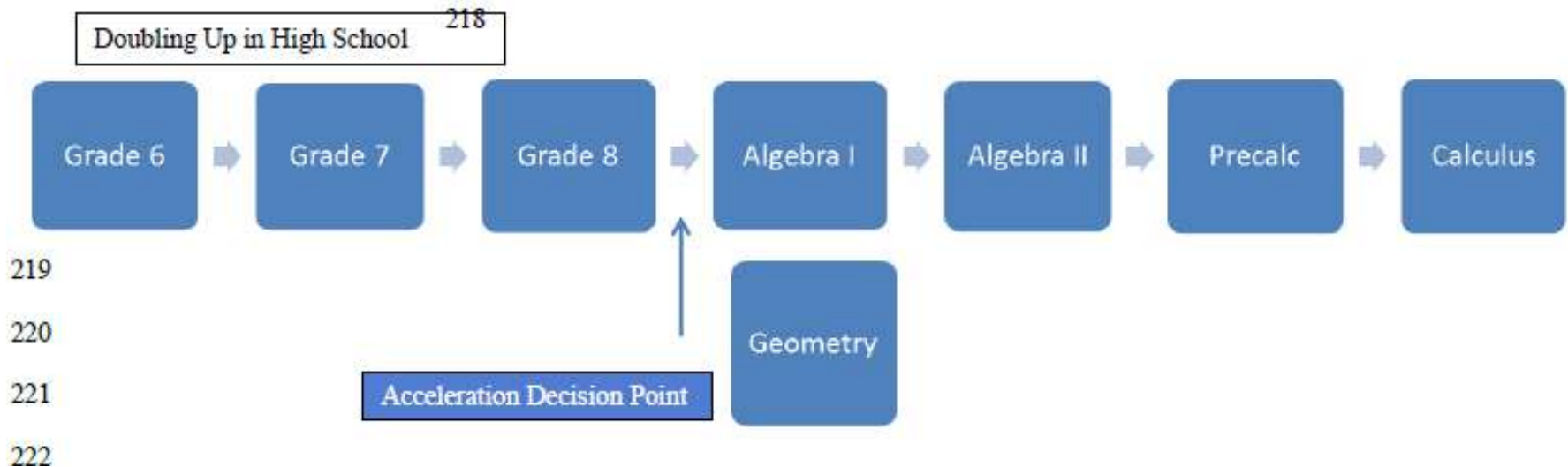
HIGH SCHOOL: INTEGRATED PATHWAY

- This option is a compaction of three years of high school standards into two years of instruction.



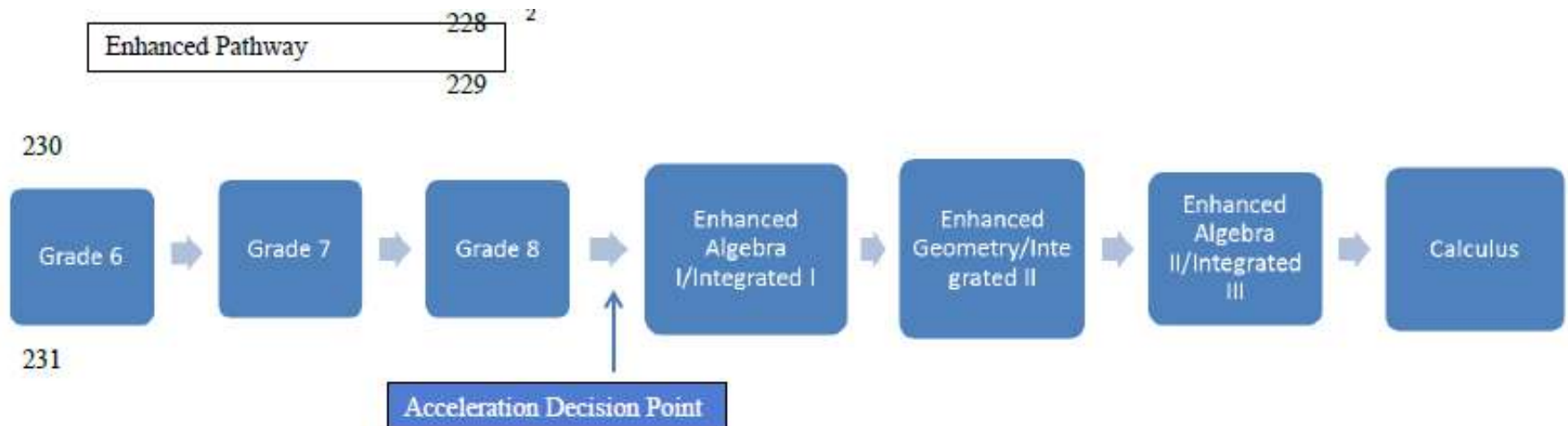
HIGH SCHOOL: DOUBLING-UP PATHWAY

- This option is one possibility of doubling up. Other options could include doubling up Geometry and Algebra II, Algebra II and Pre-calculus, or Pre-calculus and Calculus.



HIGH SCHOOL: ENHANCED PATHWAY

- This option “enhances” the three-year sequence of high school courses to include the Pre-Calculus standards.



MIDDLE SCHOOL: COMPACTING PATHWAY

- This option is one way of compacting the first year of higher mathematics into middle school.

