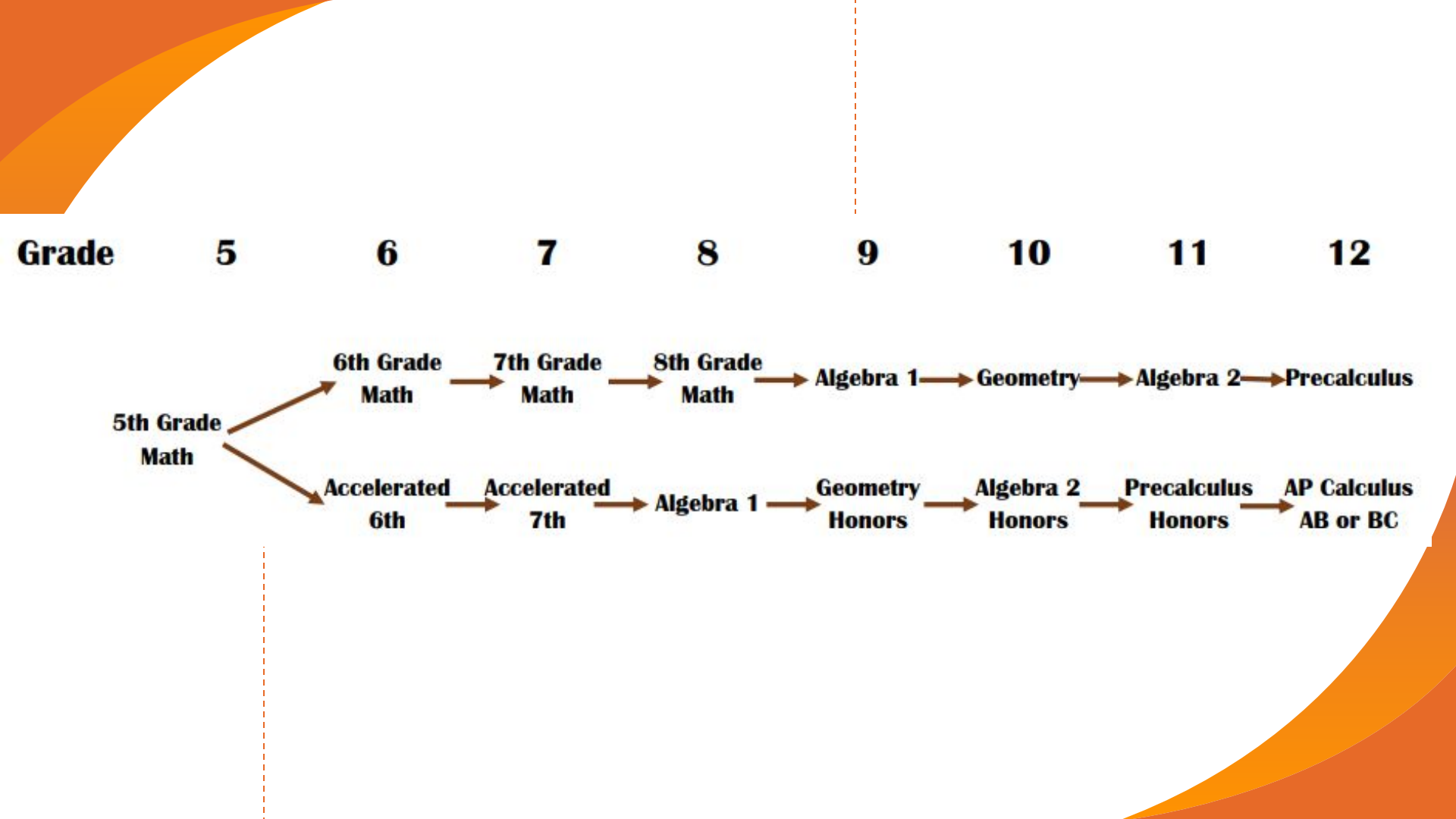


Mathematics
Pathways
Torrance Unified
School District

OPEN ACCESS:

Parents/Students may opt for either the Math 6 or Accelerated 6th Pathway when entering 6th Grade. The decision should be made based on the desired pathway, mathematical readiness, and personal characteristics of the student.



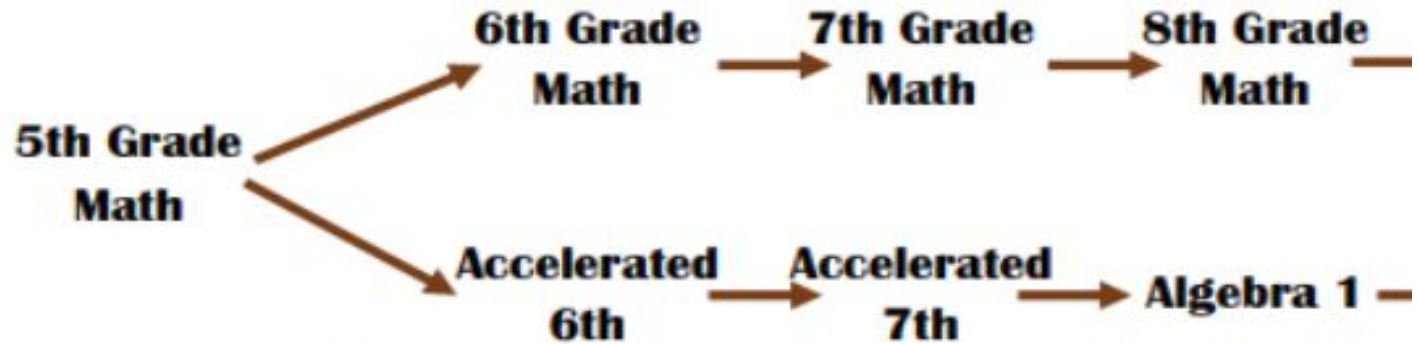
Grade

5

6

7

8



9

10

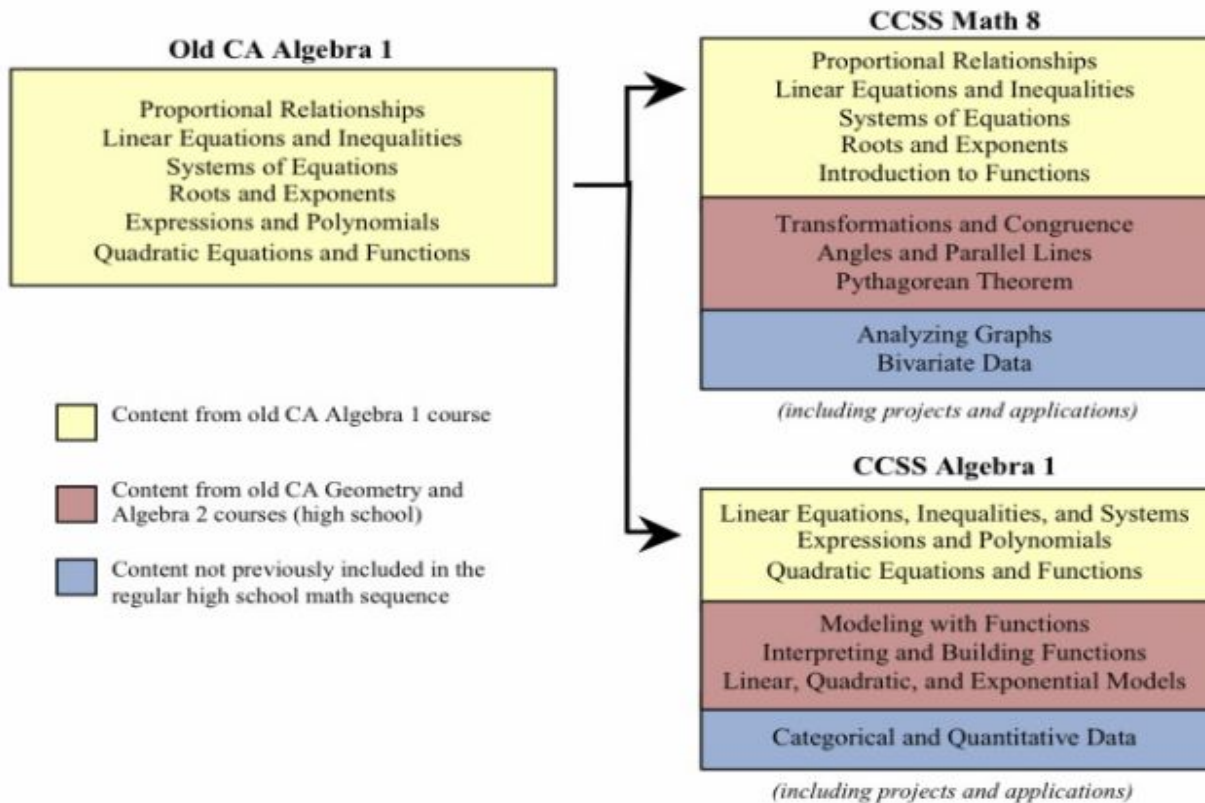
11

12

→ **Algebra 1** → **Geometry** → **Algebra 2** → **Precalculus**

→ **Geometry Honors** → **Algebra 2 Honors** → **Precalculus Honors** → **AP Calculus AB or BC**

Restructuring Common Core Math



What is Accelerated 6th and Accelerated 7th?

Accelerated 6th =
a full year of 6th grade math and
 $\frac{1}{2}$ of the year of 7th grade math

Accelerated 7th =
 $\frac{1}{2}$ of the year of 7th grade math and
a full year of 8th grade math



Tyler's

Traditional Math Pathway

Grade 5	Grade 6	Grade 7	Grade 8
5th Grade Math	6th Grade Math	7th Grade Math	8th Grade Math

Grade 9	Grade 10	Grade 11	Grade 12
Algebra 1	Geometry Geometry Honors	Algebra 2 Algebra 2 Honors	Precalculus Precalculus Honors Trigonometry Statistics AP Statistics



Brianna's

Traditional Accelerated Math Pathway

Grade 5	Grade 6	Grade 7	Grade 8
5th Grade Math	Accelerated 6th Grade Math	Accelerated 7th Grade Math	Algebra 1

Grade 9	Grade 10	Grade 11	Grade 12
Geometry Geometry Honors	Algebra 2 Algebra 2 Honors	Precalculus Precalculus Honors Trigonometry Statistics AP Statistics	AP Calculus AB AP Calculus BC Statistics AP Statistics

Recommended Measures to Determine Readiness

**Smarter
Balanced
Assessment**



**Mature character
traits & strong
work ethics**



Recommended Measures to Determine Readiness

Smarter Balanced Assessment

- Math Performance - “Standards Met” or “Standards Exceeded”
- Claims
 - i. **Concepts & Procedures** - "Above Standards"
 - ii. **Problem Solving and Modeling & Data** - either “At/Near Standards” or “Above Standards”
 - iii. **Communication Reasoning** - either "At/Near Standards" or “Above standards"

Recommended Measures to Determine Readiness

Mature character traits & strong work ethics:

- Accountability
- Responsibility
- Self-Discipline
- Persistence
- Academic Integrity

Minimum Mathematics Requirements

TUSD Graduation

20 units = 2 years
(Algebra 1 & Geometry)

Community College

Suggestion:
Be calculus ready
(*success in precalculus
in high school*)

4 Year Universities

- UCs = 3 years, 4 recommended
- Cal State = 3 yrs, 4 rec.
- Private universities = 3, 4 years



Thanks!