

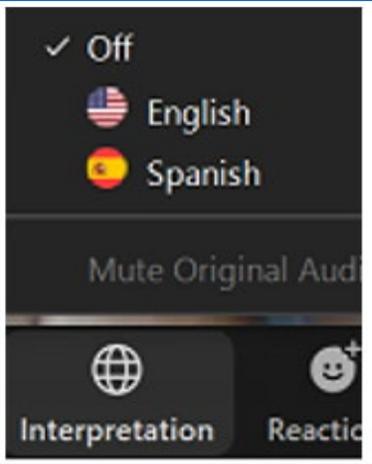
Spring Branch ISD
parentU
a learning experience

Spring Branch Independent School District
Middle School Math

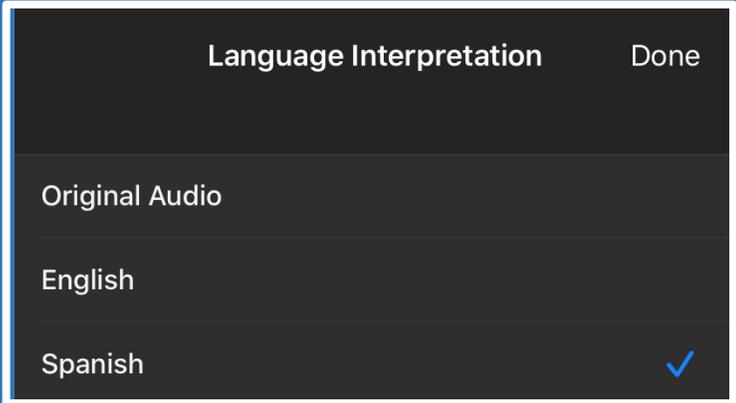
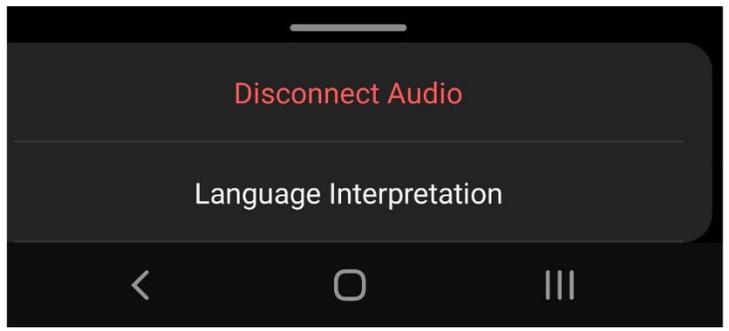
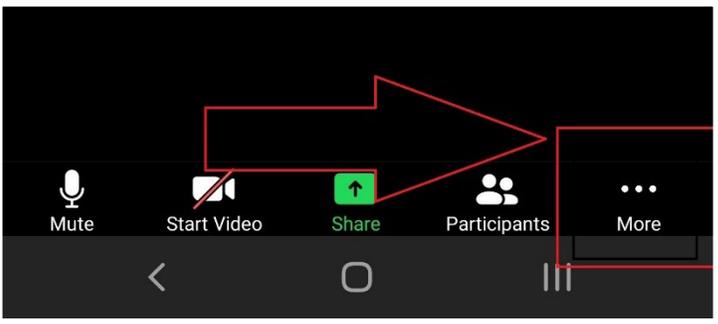


Interpretación Disponible

Web



Android / iPhone



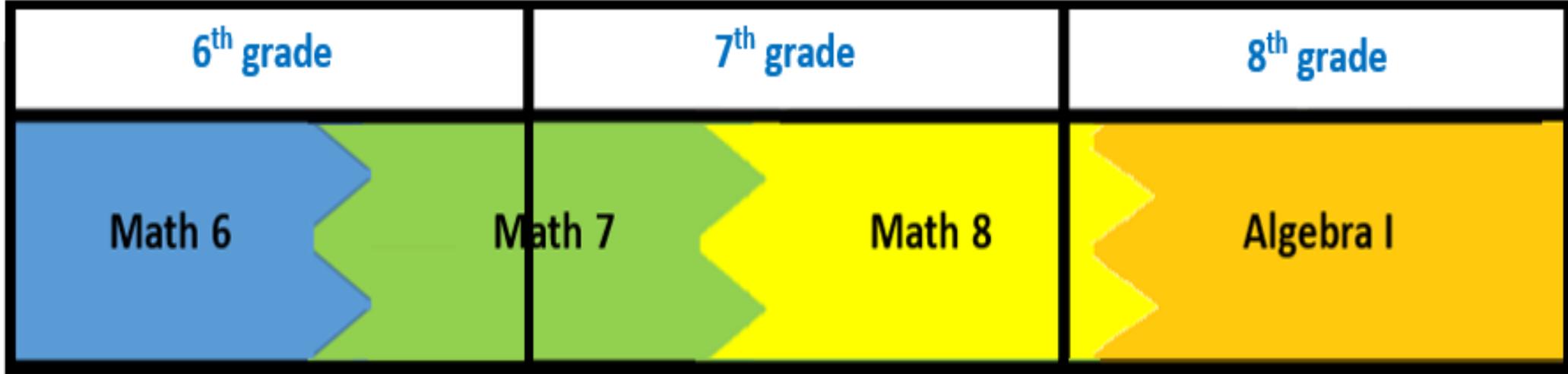
Math Course Sequences

6 th Grade	7 th Grade	8 th Grade	9 th Grade	10 th Grade	11 th Grade	12 th Grade
Option 1 – Grade Level Math						
6 th Math	7 th Math	8 th Math	Algebra I	Geometry	Algebra II	Adv. Math
Option 2 - One Year Acceleration						
6 th AAC/GT	7 th AAC/GT	Algebra I	Geometry	Algebra II	Pre-Calculus	AP Calculus
Option 3 - Two Year Acceleration						
7 th AAC/GT	Algebra I	Geometry	Algebra II	AP Statistics	Pre-Calculus	AP Calculus

Middle School Math Curriculum – Option 1 sequence

6 th grade	7 th grade	8 th grade
<p>RATIONAL NUMBER RELATIONSHIPS</p> <ul style="list-style-type: none"> Classify, Sets & Subsets Compare & Order Generate Equivalent Forms between frac/dec/percents +, -, ×, ÷ Integers ×, ÷ Fractions/Decimals <p>LINEAR RELATIONSHIPS</p> <ul style="list-style-type: none"> Ratios, Rates & Proportions <ul style="list-style-type: none"> Percents as Ratios Generate & Simplify Expressions Generate & Solve Equations & Inequalities <p>GEOMETRY</p> <ul style="list-style-type: none"> Triangle relationships Area of Triangle/Quadrilaterals Volume of Rectangular Prisms <p>REPRESENT & DESCRIBE DATA</p> <ul style="list-style-type: none"> Dot & Box Plots, Stem & Leaf, Histogram Describe Center & Shape of Spread, including Interquartile Range 	<p>RATIONAL NUMBERS & OPERATIONS</p> <ul style="list-style-type: none"> Fluid Application of Rational Number Operations Multi-step Applications Percent Increase & Decrease <p>LINEAR RELATIONSHIPS</p> <ul style="list-style-type: none"> Generate & Solve 2-step Equations & Inequalities Proportionality <ul style="list-style-type: none"> Ratios & Rates Multi-step Applications Multiple Representations—Words, Equations, Tables, & Graphs <p>GEOMETRY</p> <ul style="list-style-type: none"> Circumference & Area of Circle Area of Composite Figures Lateral/Total Surface Area (with nets) & Volume of Prisms & Pyramids <p>REPRESENT & DESCRIBE DATA</p> <ul style="list-style-type: none"> Comparative Graphs Make Inferences from Data Samples Simple & Compound Probability 	<p>REAL NUMBERS</p> <ul style="list-style-type: none"> Sets & Subsets Irrational Numbers Scientific Notation Simple & Compound Interest Mean Absolute Deviation <p>LINEAR RELATIONSHIPS</p> <ul style="list-style-type: none"> Multiple Representations of Functional Relationships Scatterplots Direct Variation Equations & Inequalities in Context Slope/Rate of Change Y-intercept Fluid Application of Multiple Representations <p>GEOMETRY</p> <ul style="list-style-type: none"> Transformations Pythagorean Theorem & Converse Volume of Cylinders, Cones & Spheres Lateral/Total Surface Area (with formula) and Applications

Option 2 sequence: One Year Acceleration



6th grade course:

Curriculum:

Eligibility:

STAAR test:

Algebra?:

6th Grade AAC Math

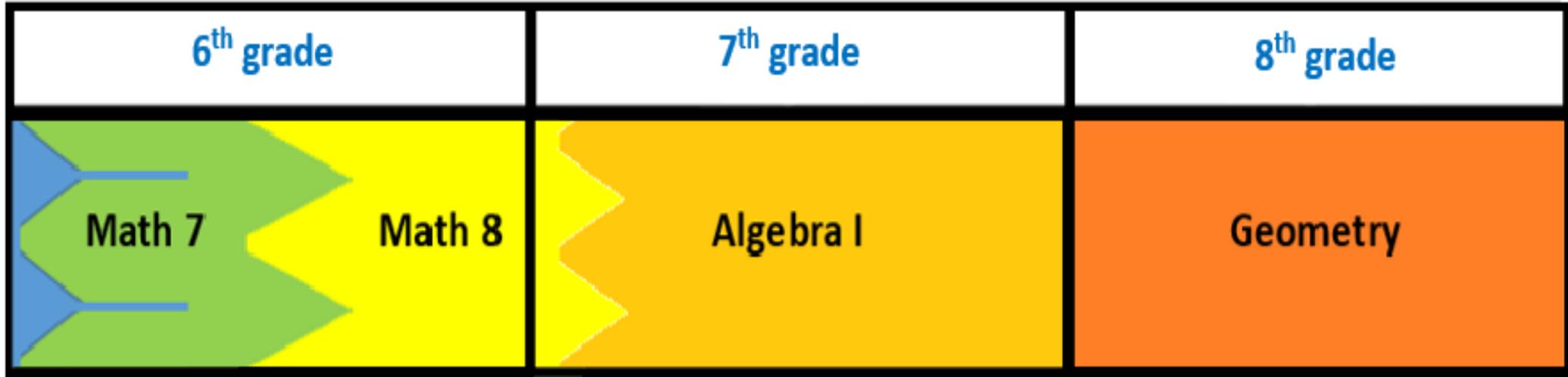
6th grade curriculum + half of 7th grade curriculum

Students should perform at "meets expectations" level on 5th STAAR. Students wanting to take this path should select AAC math during course selection.

6th grade math

Students who choose this option will take Algebra I in 8th grade

Option 3 sequence: Two Year Acceleration



6th grade course:

Curriculum:

Eligibility:

STAAR test:

Algebra?:

6th Grade Pre-Algebra (stacked with 7th AAC)

Second half of 7th grade curriculum + all of 8th grade curriculum

Two eligibility options:

1) Summer Jump Start program

2) Credit by exam

7th grade math

Students who choose this option will take Algebra I in 7th grade

Option 3 Qualifying

Two ways to qualify for the Two-Year Acceleration Program

- 1) Summer Jump Start program
 - a. Students must qualify to take the Jump Start program by scoring at Mastery Level on the Jump Start qualifying test
 - b. If qualified, students take a two-week (8 half days) class in June. Successful completion of the class makes a student eligible for Option 3 in 6th grade.

- 2) Credit by exam – Students who sit for and pass the 6th grade credit by exam with an 80% or higher can accelerate to 6th grade Pre-Algebra (Option 3) without a summer program.

*During February course selection, students interested in Option 3 should select AAC math, schedules will be adjusted if/when eligibility for Option 3 is attained.

Additional Information

Jump Start Qualifying Test Registration : February
(Register with elementary counselor)

Jump Start Qualifying Test Administration: Prior to Spring Break
(Administered at students' elementary)

Jump Start Summer Information – Students attend only one session
Two sessions: June (dates available through school counselor)

Tuition \$50 (scholarships are available, ask your counselor)

Contacts

If you have questions:

- Ann Worley – Director of Mathematics

Marsha.Worley@springbranchisd.com

- Tracy Scholz – Director of Advance Academic Studies

Tracy.Scholz@springbranchisd.com

- Lance Stallworth – Executive Director of Student Support Services

Lance.Stallworth@springbranchisd.com