



Mountain View
Whisman
School District

Middle School Math Pathways

2019-20



Alignment to SP 2021

Goal 1: Every student will be prepared for high school and 21st Century citizenship.

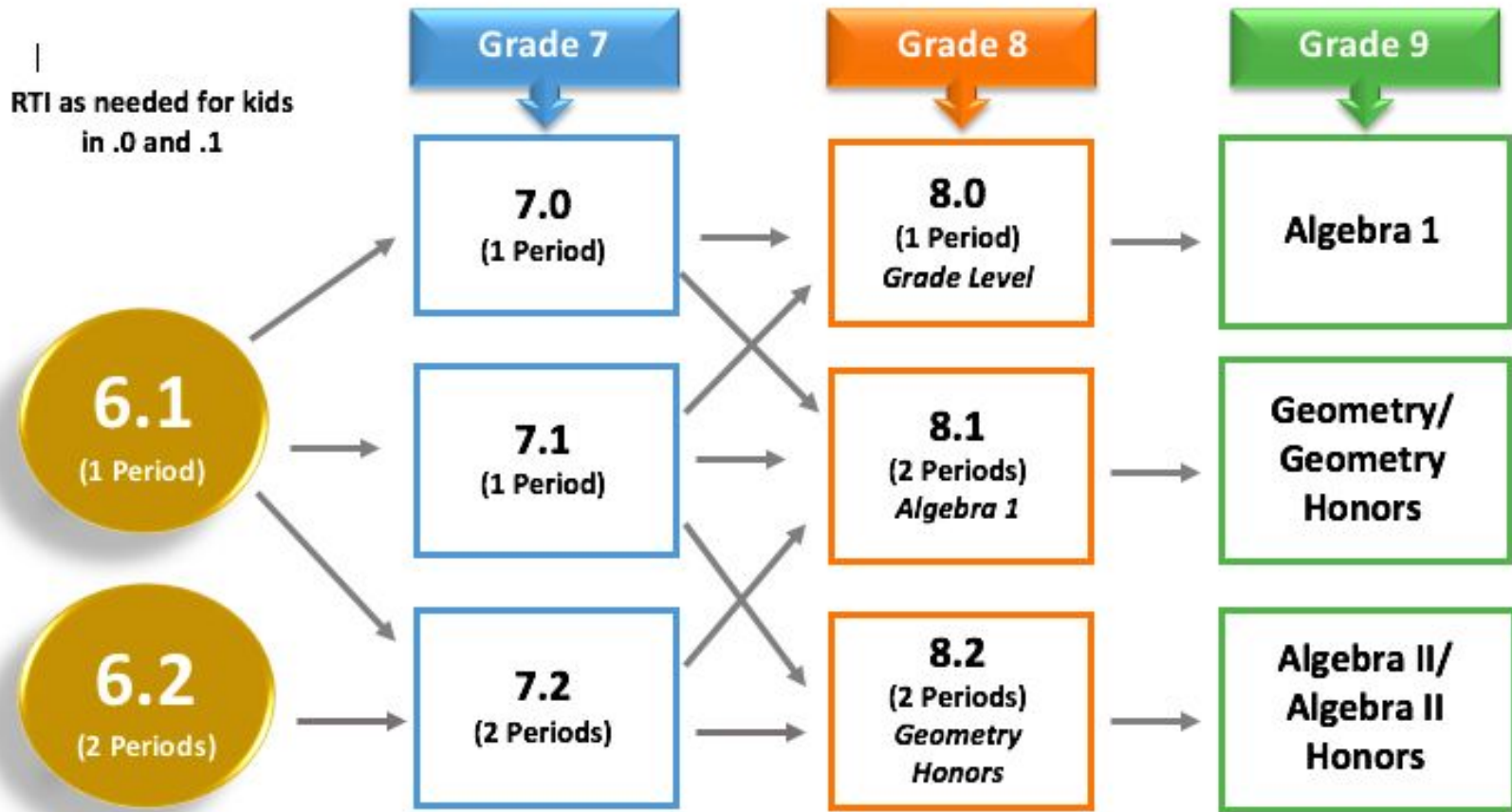
Strategy 1.1: Students will be engaged in personalized learning experiences built from a viable, guaranteed, and coherent curriculum that supports all students in achieving at high levels.



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Middle School Pathways

Math Pathways



Math Pathways

- Three math pathways to meet needs of all students
- All students enter 6th grade on track to completing Algebra 1 in 8th grade
- Allows flexibility for students to move into or out of pathways based on data at the end of each year
- All pathways lead to enrollment in A-G courses in High School
- Double periods of math for students in most accelerated track to Geometry (5 years of math in 3)
- Response to Intervention can be provided for students and used to fill gaps in knowledge instead of just re-teaching same content or using core class time to fill gaps



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Placement

Math Placement Process

- Last year the following data was used to make placement decisions for middle school math
 - SBAC Math
 - End of year i-Ready
 - Mid-year district benchmark assessments
- The cutpoints for 6th grade course placement were aligned to those of our neighboring district

Math Placement Process

The plan for the development of a math placement policy was to

- begin with clear cutpoints for entry into grade 6
 - cutpoints were shared with families at the beginning of 2019-20
- review data throughout the year to determine transparent cutpoints for grade 7
 - cutpoints will be shared with families for math placement in 2020-21
- continue to work on the development of a math placement policy that will include criteria for grades 6-8

Appropriate placement is important in making sure that the foundational skills in grades 6-8 prepare students for success in Algebra and beyond

Revised Math Placement Process

Due to COVID-19 and the closure of MVWSD schools in mid-March, there will be a change in Math placement criteria for the 2020-2021 school year.

- School closure resulted in
 - Suspension of state testing
 - Suspension in district testing
- With no end of year data, tentative placements will be determined with
 - beginning and mid-year data points
- This will only apply for the next school year and the original placement criteria will return for the 2021-2022 school year.

Tentative Placement

The following changes will be in effect for the 2020-2021 school year.

- **Tentative Placement into grade 6**
 - 6.2 - Diagnostic 1 score of 500 or above **and** Diagnostic 2 score of 515 or above
 - 6.1 - All Students who do not meet the above criteria
- **Tentative Placement into Grade 7**
 - 7.2 - Students who were in 6.2 will continue onto 7.2
 - 7.1 - iReady Score from December - 495 or above
 - 7.0 - i-Ready Score from December - 494 or below
- **Tentative Placement into Grade 8**
 - 8.2 - Students who were in 7.2 will move onto 8.2
 - 8.1 - Students who were in 7.1 will move onto 8.1
 - 8.0 - Students who were in 7.0 will move onto 8.0

Student preparation

In order to support students in their transition to the accelerated pathways for the next year, students will be provided with lessons that they should complete prior to the start of the next school year.

- These lessons will include Khan Academy Missions as well as some recommended i-Ready lessons.
- This will solidify their math skills prior to advancement.
- Any student can participate and engage in these lessons.

Final Placement

When school resumes, a new i-Ready assessment will be administered to all students

- The data from this assessment will be used to
 - confirm placement
 - adjust placement to a more accelerated pathway
 - adjust placement to a pathway that better suits the student's need
 - For students enrolled in an advanced math course who are struggling

Revised Math Placement Timeline

February 5, 2020 March 11, 2020	Meetings with math department leads and site administrators about math placement for 2020-21
Friday, April 24	Meeting with middle school administrators regarding adjusted math placement criteria
Monday, April 27	Meeting with cabinet regarding adjusted math placement criteria
Tuesday, April 28	Meeting with math department leads and site administrators regarding adjusted math placement criteria, student preparation, final placement, and supporting students who may change pathways
Wednesday April 29	Communication with 8th grade parents about high school math placement
Thursday, April 30	Updates to elementary school principals and middle school math department lead teachers about math placement for 2020-21
Monday, May 4	Updates to 5th grade teachers and all middle school math teachers about math placement for 2020-21
May 7, 2020	Presentation about math placement to Board of Trustees
May 8, 2020	Communication to families with incoming middle school students via email, newsletters, parent coffees



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Next Steps

Next Steps

- Communication: Communicate the math placement plan with administrators, teachers, parents, and community
- Learning Gap Plan: Continue developing a learning gap plan to support students when school reopens
- Revise pacing: Using beginning of year data to revise math pacing to better align with students' instructional needs
- Students moving into middle school math courses will have summer bridge activities to help prepare them for a successful start to the year



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Questions