

# Roosevelt Middle School Master Schedule Review:

*Final Recommendations for Board  
Consideration - January 7, 2019*



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## *Presentation Objectives:*

- Review proposed math programming recommendations initially presented at December 16, 2019 Board of Education Meeting
- Address questions posed by Board of Education Members at the December meeting, and provide additional information about key elements of proposal

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# *Proposed Recommendations*

## **1. Addition of two math teachers**

*Reduces class sizes in math by 30% in all grades*

**Impact of “Feedback” on Learning**

Effect Size: .70

**Impact of “Classroom Discussion” on Learning**

Effect Size: .82

**Impact of Aligned “Mathematics Programs”**

Effect Size: .59

**Impact of “Teacher Student Relationships”**

Effect Size: .52

**Source:**

*Visible Learning for Teachers, Maximizing Impact on Learning.* John Hattie. (Routledge, 2012)

## *Proposed Recommendations (cont.)*

### **2. Continuation of Math Department curriculum realignment and professional learning for best practices in pedagogy**

- Work will continue in identifying and prioritizing foundational math standards
- Continued emphasis placed on ensuring vertical alignment across 5-9 continuum
- Ongoing commitment to instructional coaching for best practices in math instruction

## *Proposed Recommendations (cont.)*

### **3. Introduction of *AM Math Academy***

- Optional, additional math support and/or enrichment
- Focused on current instructional topics and skill building to address identified “gaps” in learning
- 8:00 - 8:25 AM, provided at Roosevelt Middle School
- Instruction provided by D90 math teachers, 3-4/wk.
- Math Department will formulate and apply eligibility criteria (formal and informal)

## *Proposed Recommendations (cont.)*

### **4. No change to the current 8-period/day instructional schedule**

The structure of the present master schedule will be retained in order to protect the elements of the academic program that are presently yielding effective results and meeting the needs of students

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## Board-Requested Information:

- *AM Math Academy* details
- Plan optimization
- Math course sequence – OPRFHS
- Estimated implementation costs
- Evaluating program success



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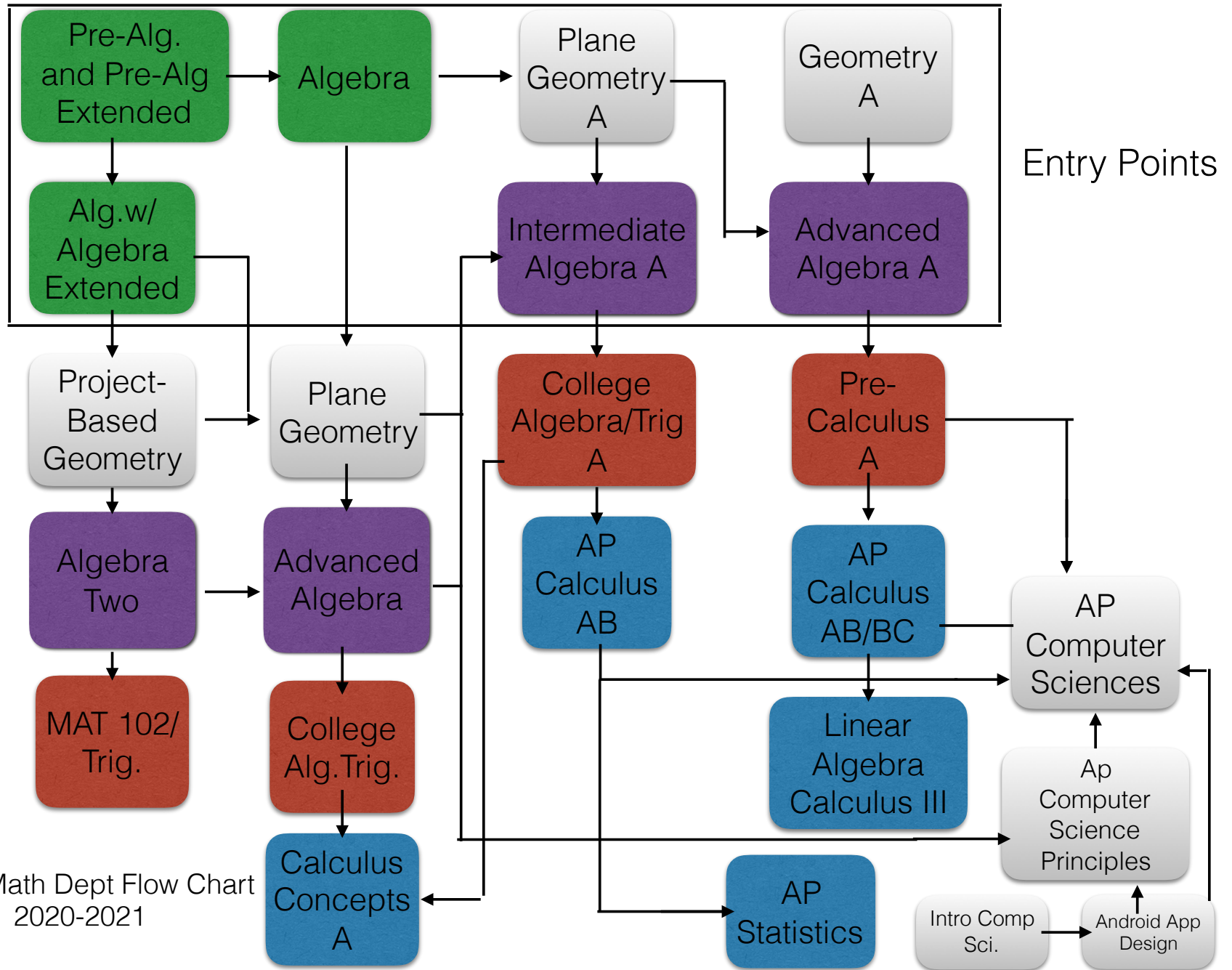
# *AM Math Academy* Details

- *AM Math Academy* structure will be finalized this spring
- *Academy* modules will be refined over time, based upon student performance and identified patterns of need
- Primary focus will be on math intervention, but math enrichment opportunities will also be offered
- Modules are anticipated to be 3-4 weeks long



# Plan Optimization

- RMS math coach and teachers will finalize *AM Academy* learning modules (intervention and enrichment)
- Administrators will collaborate with teachers in advance to estimate *AM Academy* sectioning and ensure adequate seat availability
- Communication documents will be developed to share programmatic details and communicate directly with families



Entry Points

OPRF Math Dept Flow Chart 2020-2021

# Estimated Implementation Costs

- Costs for additional math faculty (\$82,000 per):  
\$164,000
- Costs for *AM Academy* instruction (bargained hourly curriculum rate) – 21 sections/week, 29 weeks:  
\$29,000
- Instructional supplies and materials (as needed):  
\$4,000

Estimated annual program expense: *\$197,000*

# Evaluating Program Success

- Student attendance
- “Pre-test” and “Post-test” assessments
- Formative assessments (within instructional modules)
- Measures of summative student growth in math over time (IAR, NWEA MAP)
- Affective student participant perception survey

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*Thank You!*

Questions?

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