

## Mathematics SFVC Minutes

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**Meeting Date and Time:** Wednesday, February 12, 2025, 3:30 – 5:30 p.m.

**Committee Chair/Co-chairs:** Lyndsey Brightful, Dr. John Staley

**Members:** Erin Godwin, Danielle Glen, Dr. Karen Karp, Stacie Marvin, Lisa McKinnon, Jen Meehan, Dr. Robert Richardson, Karen Riley-Jeffers, John San Giovanni, Dr. Beyunka Scates, Amy Stoops, Therman Trotman, Hattie Webb

**Today's Attendance:** Lyndsey Brightful, Erin Godwin, Danielle Glen, **Dr. Karen Karp, Stacie Marvin, Lisa McKinnon, Jen Meehan, Robert Richardson, Karen Riley-Jeffers, John San Giovanni, Dr. Beyunka Scates, Dr. John Staley, Amy Stoops**, Therman Trotman, **Hattie Webb**

**Next meeting (day and time):** Wednesday, February 26, 2025, 3:30 – 5:30 p.m.

### MEETING NOTES

#### Welcome and Overview of Meeting

- Call to Order at 3:33 p.m.
- Robert Richardson reviewed the agenda for the meeting.
- Motion to approve minutes from Meeting #10, moved by John SanGiovanni, seconded by Beyunka Scates. All in favor, motion passes to accept the minutes from the last meeting.

#### PreK-6 Subcommittee Breakout

- Members shared feedback based on their review of the revised PreK – Grade 4 standard progressions across domains.
- Members reviewed drafted revisions of Grade 5 standards, identified necessary edits, and areas for additional consideration/discussion.

#### Grade 7 – Integrated Algebra Subcommittee Breakout

- Members reviewed draft of the Integrated Algebra 1 standards to clarify standards regarding solving 1-variable equations in IA1, and if this is necessary. Consensus was this provided opportunity for fluency practice as well as making connections with the graph of a linear function and beginning to identify critical points of a graph (i.e., x-intercept)
- The group decided that the inclusion of solving 1-variable exponential equations, even with the same base, was beyond the scope of the work in IA1.
- The group decided to that the inclusion of absolute value functions, and their graphs specifically, provided a bridge from linear to piece-wise functions and then to quadratic functions in the IA2 course.
- Discussion then followed about the Geometry Standards progression from 7<sup>th</sup>-8<sup>th</sup>-IA1-IA2 with the following notes of consensus:
  - The focus for Geometry standards in IA1 is congruency, the focus for Geometry standards in IA2 is similarity. All other decisions reverted to this understanding.

- It was decided to remove the transformation standards from Math 8, so as to leave sufficient time to focus on linear functions and the grounding of those concepts prior to the start of IA1. This involves Standards 8.G.A.1-4. The first three, involving rigid transformations was shifted to the IA1 course, dilations were moved to IA2 to enhance the conceptual development of similarity.
- 8.G.A.5 will be broken into several standards to establish the links between parallel lines & angles, and the subsequent triangle theorems angle theorems. The similarity piece of this standard will shift to IA2.
- The focus for the Geometry standards in Math 8 will then be the Pythagorean theorem, which extends understanding of equations, and the surface area and volume of pyramids and cones, with the slant height application.
- 7<sup>th</sup> grade Geometry standards will extend the story of proportionality, as they currently involve the use of Pi in circle exploration concepts. The volume and surface area of cylinders is to be added to the standard(s) about area, volume and surface area of shapes.
- Facts about vertical, supplementary, complementary and adjacent angles, and the equations used to solve for their measure remains in 7<sup>th</sup> grade as another opportunity to gain fluency in solving 1-variable equations.
- The numbering of the standards was discussed, and paused for consideration by the whole committee, as this will need to be consistent through the PreK-12 continuum. Specifically, whether we would use the same schema where each domain (Geometry) has a running number of standards, and each sub-content a different letter, as exists in CCMS numbering. (e.g., 7.G.A.1, 7.G.A.2, 7.G.A.3, 7.G.B.4, 7.G.B.5, 7.G.B.6)

Motion to adjourn at 5:30 p.m., seconded and approved by all.

### **Actions and Next Steps**

- PreK-6 Subcommittee members:
  - Will review and provide input on the specific areas of consideration for the Grade 5 standards.
  - Will review and provide final feedback on the most updated PreK-4 standards in order to reach consensus on final draft.
- Grade 7 – Int Alg Subcommittee members:
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