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# Swun Math

## Twin Rivers Unified School District: Testing Considerations

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***The below are bullets that can be used to address why students may not be able to achieve the same scores on Swun Math assessments that they were able to score on their past math assessments.***

- Swun Math unit assessments are formative assessments that should be used to guide instruction and not used as a summative report on student performance. Mastery of standards is to be done over the school year and not solely on the unit assessments.
- Swun Math Benchmarks are cumulative tests that assess students using various testing formats commonly seen on the state tests and may be new for students. Time will need to be given for students to navigate these types of assessments. It will take time for students too acclimate to the new testing expectations and they should get better over time.
- Swun assessments ask students to solve problems using specific common core strategies found in the California Math Framework and on the SBAC test. Swun Math encourages multiple pathways and student choice but also needs to assess student progress towards these strategies.
- Students have been so used to picking one answer and then moving on. We are trying to break that habit and form a different one at the same time, if a student misses one of these questions it may not necessarily be because the don't know the "content" but rather needs help with test taking strategies. Someone else can word smith this but just thought I would bring that fact up.
- "Instruction should develop conceptual understanding, procedural skill and fluency, and application." Our assessments require all three. Specifically, the application makes our tests much more rigorous than traditional tests. We believe that these expectations regarding rigor will help students find greater success on future Common Core assessments and in future grade levels, as students will have a deeper understanding of content.
- Swun assessments ask students to solve problems using specific common core strategies found in the California Math Framework and on the SBAC test. Swun Math encourages multiple pathways and student choice but also needs to assess student progress towards these strategies.

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- Swun Math assessments are closely aligned to the SBAC and will help the district predict how students will perform. The past assessments may not have been as aligned and were allowed specific modifications that did not align with the new state testing our students will experience. The Swun Math assessments are meant to be an early predictor of student performance and should be used, as a guide to address specific student needs prior to state testing.
  - Swun Math will plan and train all teachers on data analysis and how to systematically use their data and lesson design components to review with their students. This data analysis meeting will provide a practical plan for all teachers to provide a purposeful spiral review of these concepts to ensure student mastery through out the year.