

Designing Math MTSS Interventions for Students in Grades 3-8

1. Follow the Kuumba Academy Assessment Calendar and pacing guides in order to administer NWEA MAP assessments at the appropriate time.
2. Group your students into MTSS small groups based on overall percentile and goal performance areas of greatest need.
 - a. Note: Goal performance areas are: *Operations & Algebraic Thinking, Measurement & Data, Geometry or Numbers & Operations*
3. Use MAP data and grade level focus standards to set goals for the first six week cycle of MTSS. For the remaining three cycles, use MAP data, IAB/ICA data and curriculum assessments to set goals for MTSS.
 - a. Note: MAP Reports to analyze are found in Growth Reports and include: *Class Report, Quadrant Chart, Learning Continuum*. IAB data is found in Airways, and item analysis should be done.
4. Use Eureka curricular materials to **preview** lessons for students in MTSS groups. Develop six week instructional plans for all groups.
 - a. For example: *If I am teaching Lesson 6 on Thursday to all students, I will teach Lesson 6 to MTSS students on Wednesday (preview for MTSS students)*
 - b. Choose strategic questions to work on
 - c. Tip: As you teach MTSS, write down misconceptions that you didn't predict, adjustments that you might need to make, or any other notes so that when you teach it the following day, it is more effective.
 - d. Students not in teacher-led small group MTSS will work on Moby Max. Goals for Focus % and Lessons Passed must be set, and students given reports on their progress toward meeting goals for accountability. Goals must be at least 80% for focus and at least 75% for questions correct during lessons. Students who do not meet goals should be assigned remediation.
5. Schedule your teacher-led MTSS instruction for each group during MTSS. Cross-check with MAP data to ensure that all students who are scoring at or below the 25th percentile are in a Tier 2 group that gets small group teacher-led MTSS instruction for at least 90 minutes per week.
6. Assign students to skills & lessons on Moby Max based on their goals for the six week cycle of MTSS.
7. Deliver intervention, progress monitor as required by MTSS, collect data and adjust instruction based on data.