

Math Multiple Measures FAQs Sheet

1. Why adopt Multiple Measures for math?

Math Multiple Measures are being used for two main reasons. First, math placement tests measure math aptitude, but this does not always translate into student success in a math course. High School GPAs represent study skills, persistence, and motivation, but not necessarily math aptitude. The combination of HS GPA and placement test scores will provide valuable information about a student's ability to be successful in a math course. The second reason is that using Multiple Measures is a requirement by the Missouri Department of Higher Education.

2. How will a student know which math course to take or know if a math index score meets the College's standard for placement in MTH 140 or a Gateway Math course?

Students will be able to use the Placement Test Results sheet or the Math Placement Tool to determine their first math course. Link: <http://www.stlcc.edu/placementtool>

3. What is a MATH Index and where is it located?

The math index is a weighted average of a student's math ACT score or Accuplacer and their overall high school GPA (on a 4.0 scale). Math Index scores are calculated and noted on students' records.

4. Will the college continue to honor an ACT or Accuplacer score to place students in a math course without their high school GPA?

Yes; the Multiple Measures approach is considered optional, as it will not benefit all students.

5. What if a student has a MATH Index score based on their ACT score and then they take the Accuplacer?

Only one MATH Index score is recorded on the students' record. After a student takes the Accuplacer or provides us with ACT scores, the index score will be recalculated and, if the index score is higher, the higher score will replace the lower score. If their index score is not higher there will be no change on the record.

6. What if a student's Accuplacer or ACT is over three years old?

A student will only have a MATH Index score if there are valid scores within the last three years on their record. MATH Index scores will be removed from their record when their ACT or Accuplacer test score is over three years old.

7. Can the MATH Index score be used for placement into developmental courses or courses above the Gateway courses?

The math department would like to see the validity of the index scoring system before expanding it to lower level or higher level math courses.

8. Can an ACT score now place a student into MTH 140?

Yes, an ACT Math subscore between 19 and 21 places a student in MTH 140; however, when combined with a GPA (optional), this may permit the student to take a Gateway Math course.

9. How will students know if a math index score meets the college's standard for placement in MTH 140 or a Gateway Math course?

A student may refer to the Placement Results sheet or Math Placement Tool (found online) to confirm their placement.

10. How does a student know if they need to take the Accuplacer for math course placement?

STLCC may waive the mathematics portion of the placement test if students provide documentation of one of the following:

- A math score of 22 or above on the ACT.
- A math score on the ACT and a high school GPA that places the student in a math course using the [Math Placement Tool](http://www.stlcc.edu/placementtool) – www.stlcc.edu/placementtool
- A math score of 580 or above on the SAT

11. What if a student does not agree with their math course placement?

The first step would be to verify that all data used in the placement process has been used and is accurate. For example, has an ACT score, and a HS GPA been entered into our system?

If all data is entered and correct, the student should be encouraged to take or re-take the Accuplacer test to see if placement has changed. If both of these options are still not satisfying the student, the final option is to have the student appeal through the math department.

12. How will we accept high school GPAs?

Students should request their non-final high school transcript be sent directly to STLCC's Registrar's office via mail (300 S. Broadway, St. Louis, MO 63102) or through an approved electronic vendor (i.e. e-Scrip, Naviance, National Student Clearinghouse, or Parchment).

13. For any further questions and or concerns, you may contact the Admissions Office at one of the following numbers:

Meramec	314-984-7379	314-984-7584
Florissant Valley	314-513-4238	314-513-4248
Forest Park	314-644-9101	314-644-9125
Wildwood	636-422-2000	636-422-2005