

# Amplify.

## mCLASS Math Field Study

Free access to mCLASS Math during 2023–24 for participating schools\*

### Research Opportunity

You have an exciting opportunity to participate in a study involving a new Math assessment. If you want to be a part of strengthening our research-based [mathematics screening and progress monitoring solution](#), reach out to us TODAY!

The purpose of this study will be to collect evidence for the reliability and validity of the new assessment and to evaluate the quality of the items within the measure. This assessment has been built from the ground up to reflect the latest research on mathematics development.

Partner schools will have access to all mCLASS Math data collected during the field study and direct access to our Amplify team for feedback!

### Participants

The study will be conducted with approximately 4,500 students in grades K through 8 (~500 students per grade level from districts nationwide). To participate, schools are required to contribute at least three grade levels and at least 30 students per grade.

### Measures

The following measures will be administered to students during the specified time of year (TOY).

| ASSESSMENT                 | DESCRIPTION   | TIME** (ESTIMATED)            | GRADES | TIME OF YEAR (TOY) |
|----------------------------|---|-------------------------------|--------|--------------------|
| Completed by Amplify Staff |   |                               |        |                    |
| mCLASS Math Assessment     | Assesses students' foundational skills/concepts and complex higher-order thinking across multiple mathematical domains. | Two 40-minute sessions; group | K–3    | BOY<br>MOY<br>EOY  |
|                            |   | Two 40-minute sessions; group | 4–8    | MOY                |

\*School(s) will have free access to the mCLASS Math assessment in grades K–8, including materials and remote professional development, for the 2023–24 school year for all participating classrooms.

| ASSESSMENT                          | DESCRIPTION  | TIME** (ESTIMATED)                    | GRADES | TIME OF YEAR (TOY) |
|-------------------------------------|--|---------------------------------------|--------|--------------------|
| Star Math                           | A computer-adaptive formative assessment designed to measure mathematical skills. Students will be administered STAR as an external criterion measure.                       | 30 minutes; group                     | K-3    | BOY<br>MOY<br>EOY  |
| External Criterion measure(s) - TBD | Designed to measure mathematics achievement within a domain. Students will be administered select sub-tests in grades K-3 as the external criterion measure for mCLASS Math. | 30 minutes; individually administered | K-3    | BOY<br>MOY<br>EOY  |

## Study Requirements

- Study requirements to be completed by schools:
  - Contact person. Identify a contact person within the school who will act as a liaison between Amplify Research staff and school staff and who can complete the tasks listed below.
  - Classroom rosters. Provide updated classroom rosters with eligible students identified.
  - Testing windows. Coordinate research testing windows (i.e., start and end dates for beginning-, middle-, and end-of-year testing).
  - Demographic data. Provide demographic information for all participating students in Grades K–8 (e.g., gender, ethnicity/race, free/reduced lunch status, English language learners, instructional setting/program model, primary language spoken at home, and special education status).
  - Language and summative assessment data. Provide data from assessments of English Language Proficiency and Math Summative assessments (e.g., state test), including proficiency levels, domain scores, and scaled scores.
- Study requirements to be completed by teachers:
  - Assessment schedule: Approve assessment schedule for mCLASS Math and external criterion measures
- Study requirements to be completed by Amplify Staff:
  - mCLASS Math. Administer mCLASS Math at BOY, MOY, and EOY.
  - External measures. Administer external criterion measures at BOY, MOY, and EOY.

## Contact

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