



# Khoaching with Khan

## Numeracy, SEL

**WHERE WE ARE:** While MNPS has recently shown growth in student achievement in mathematics (TVAAS composite 5 in 2019), our achievement continues to fall below the state average. Moreover, many of our historically marginalized subgroups continue to be on the wrong side of this achievement gap. A closer look at MAP and TNReady data shows that students in transition grades struggle the most due to the transition years and the challenging content presented in those grades. The introduction of college and career standards in TN has demanded more from teachers and students.

**WHERE WE ARE GOING:** Khan Academy – a free resource – provides the opportunity to strengthen and sharpen our students' math skills and provides an additional layer of support to families seeking resources to maximize learning in math. MNPS leverages Khan Academy in two ways: First, math teachers in the Schools of Innovation will receive Khoaching to personalize Khan Academy modules for students. This personalization reinforces core math instruction and allows students to progress at their own pace in an interactive and intuitive platform; second, all families can access Khan Academy to help students develop skills needed to overcome learning gaps or unfinished learning. All participating teachers and families can personalize this supplemental resource for each student using recent individual MAP scores at the sub-category level (e.g., Number and Operations, Fractions, Geometry).

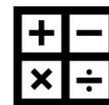
### MEASURABLE GOALS:

- 100% of middle and high school within Schools of Innovation will utilize Khoaching with Khan.
- Increase number of students fully participating will meet or exceed growth goals as determined on MAP.
- At least 80% of participating teachers and students positively rate Khan Academy experience on satisfaction survey.

### AT A GLANCE

- **Challenges:** Many students, year over year, struggle with math skills necessary to be successful in grade level instruction. Many families are challenged with providing help to their students, particularly in a virtual learning environment.
- **Opportunities:** A partnership between Metro Nashville Public Schools and Khoaching with Khan will help teachers identify the challenges preventing students from mastering grade level standards. Families can personalize at-home support for virtual learning.
- **Outcomes:** Increased student learning as evidenced by MAP and TNReady scores in mathematics.
- **Partnerships:** In partnership with researchers from the University of Toronto, Khan Academy and Khan Academy Khoaches, MNPS will connect teachers and families to free resources to better assist students as they develop critical math skills.

### DATA VISUAL



Khan Academy allows students to practice their critical math skills.



Khan Academy personalizes students' experience in an online, gamelike platform.

### INITIATIVE LEADS:

**Renita Perry**, Interim Executive Officer of Innovation

**Dr. David Williams**, Executive Officer of Teaching and Learning