



## Executive Summary Finance Committee Meeting

DATE: March 23, 2023

TOPIC: 6-year | Middle School Math Program Adoption | Carnegie Learning, Inc. © 2014-2023

PREPARED BY: Dominick Lupo

### Recommended for:

- Action
- Discussion
- Information

### Purpose/Background:

The Board of Education approves all curricular adoptions and contracts.

The Middle School Math Committee met throughout the 2022-2023 school year to discuss program review. The committee consisted of eleven teacher representatives ranging in expertise from all grade-levels and programs that utilize our middle school math materials. Representatives unpacked five of the most popular and widely used programs at the middle school level. Using a standardized rubric, along with committee discussion, the team chose the *Middle School Math Solution* program from *Carnegie Learning, Inc. © 2014-2023* as the series best suited to meet our students' needs. This program balances an age appropriate amount of materials with ample meaningful learning experiences to teach the skill or topic being explored. Committee members were unanimous in their support of the *Carnegie* program for this adoption. This program recommendation replaces the *McGraw-Hill Glencoe Math* program.

This program represents a positive instructional shift in rigor and style in which math is presented and explored by middle school students. The most up-to-date math instruction employs a conceptual

approach meaning students learn to understand why math operations work, versus the traditional procedural approach where students learn by memorizing a series of steps to solve a problem.

This program will allow us to meet our students at their current levels of understanding, and give us more options for extending their understanding beyond our current program's capabilities. In addition to print and electronic materials, this adoption comes with *Carnegie's* virtual program called *Mathia*. In *Mathia* students practice and extend their capabilities virtually. The tool utilizes an "intelligence" program that both assesses students on current understanding and offers immediate feedback to students as they are working through conceptual and application-based problems.

In addition to the materials and subscriptions, the administration is looking to secure a solid, initial professional development plan as we work with the teachers to roll out this new program. This will include two, full-day initial implementation workshops where representatives from *Carnegie* will be individually working with all of our middle school math instructors on lesson planning and delivery. They will also be working with the staff to help them understand and utilize all of the available tools targeted to specific profiles of learning needs. Additionally, we are looking to have *Carnegie* instructors come back four times (once per quarter) over the course of the first year of implementation to continue guiding our staff in the direction of full implementation of the program.

The District's Legal Counsel reviewed all documents and offered an Amendment to *Carnegie's* terms and conditions and privacy policy. *Carnegie* signed the Amendment "as-is," and as a result, Legal stated that we were able to proceed with the Contract and the signed Amendment.

**Fiscal Impact:**

The fiscal impact of the 6-year adoption will be \$106,286.11 for all materials and professional development.

**Recommendation:**

It is the Administrative recommendation that the Finance Committee concurs to recommend to the Board of Education to approve the Contract for the middle school math Program from *Carnegie Learning, Inc. © 2014-2023* for six years (from the 2023-2024 school year to the 2028-2029 school year) in the amount of \$106,286.11.