

KENTUCKY DEPARTMENT OF EDUCATION STAFF NOTE REVIEW ITEM

Topic: AdvanceKentucky Annual Update

Date: February 2024

Held In: Full Board State Schools United We Learn

SUMMARY OF PRESENTATION:

To provide the Kentucky Board of Education (KBE) with an annual update reviewing the progress and outcomes of AdvanceKentucky (AdvanceKY) programs over the past year.

AdvanceKY, an initiative of the Kentucky Science and Technology Corporation (KSTC), began in 2008 as one of the initial six states to partner with the National Math and Science Initiative to replicate the College Readiness Program. Under this partnership, AdvanceKY's initial focus was to expand access to and success in Advanced Placement (AP) math and science coursework in Kentucky's public high schools with a particular focus on underrepresented groups of students.

Due to the success of the program, and in collaboration with the KDE, AdvanceKY has expanded its services to include middle school math and computer science (CS) initiatives. With the addition of the "Access to Algebra" program in 2016, middle school students are able to receive similar programmatic elements modeled after the successes of the AP initiative (described above).

As heard by the KBE at its December 2023 meeting, AdvanceKY serves as the Code.org Regional Partner for Kentucky and has since grown its services to include professional development for the Kentucky CS Expansion Initiative. This initiative, created by a collaboration between the College Board, Code.org, KDE and AdvanceKY, dramatically increased the number of computer science classes offered in Kentucky's middle and high schools. In coordination with the KDE, efforts continue to expand access to CS courses and opportunities in grades K-12.

AdvanceKY has received funding contributions through federal, state or foundation funds since 2008. The 2022-2024 fiscal biennium allocates \$1,900,000 of General Funds to AdvanceKY in each fiscal year.

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