

KENTUCKY DEPARTMENT OF EDUCATION STAFF NOTE REVIEW ITEM

Topic: AdvanceKentucky Annual Update

Date: February 7, 2022

Held In: Full Board

Curriculum, Instruction and Assessment Operations

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.

APPLICABLE STATUTE OR REGULATION:

KRS 158.007, 158.622, 158.847, 158.848, 158.849, 704 KAR 3:51

BACKGROUND:

Existing Policy:

KRS 158.007 defines terms used in Chapter 158, including those related to Advanced Placement (AP). KRS 158.622 requires the KBE to promulgate administrative regulations establishing the criteria schools shall meet to designate a course as advanced placement and outlines requirements of the Kentucky Department of Education (KDE) to support quality implementation of Advanced Placement, if adequate federal funding is available. 704 KAR 3:510 is the regulation promulgated by the KBE outlining that criterion. KRS 158.847 and KRS 158.848 established the science and mathematics advancement fund and outlines the uses should funds be appropriated. To date, no funding has been appropriated to the science and mathematics advancement fund.

Summary of Issue:

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, science, and English 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 AdvanceKY's "Access to Algebra," program in 2016, middle school students receive similar programmatic elements modeled after the successes of the AP initiative (described above).

Since the implementation of CS initiatives in 2016, 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.

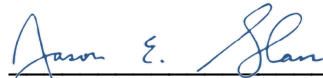
Budget Impact:

AdvanceKentucky 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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Commissioner of Education

Category:	<input type="checkbox"/> Educator Workforce Diversity Commitment	<input checked="" type="checkbox"/> Portrait of a Graduate Partnerships	<input checked="" type="checkbox"/> Racial Equity
	<input type="checkbox"/> Student-Centered Accountability System	<input type="checkbox"/> Early Childhood	<input type="checkbox"/> District Support