



Every Child Every Day

SUPERINTENDENT
TONYA HORNE-WILLIAMS

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STEVE SLOANE

Consent Agenda Item (Action Item): Consider/Approve the Letter of Commitment with Digital Promise for the Co-Designing Rurally Sustaining Computational Thinking Assessments in Kentucky Appalachia.

Applicable State or Regulations: BOE Policy 01.11 Powers and Duties of the Local Board of Education.

Fiscal/Budgetary Impact: No cost to the district. The grant would pay for professional learning and stipends for participating teachers.

History/Background: This project aims to co-design, validate, and implement a dual-track assessment system for Computationally-Enabled Design Thinking (C-EDT). Through this project, 11 teachers from Floyd County Schools and a district administrator will help co-design practical formative feedback tools for the classroom, while simultaneously providing the district with aggregated reporting metrics to satisfy Kentucky's House Bill 257 mandate for "Vibrant Learning Experiences".

Recommended Action: Approve the Letter of Commitment as presented

Contact Person(s): Rebecca Morrison, Director of District-Wide Services / District Assessment Coordinator

Director

Director

Superintendent

Date: 8/21/26

The Floyd County Board of Education does not discriminate on the basis of race, color, national origin, age, religion, marital status, sex, or disability in employment, educational programs, or activities as set forth in Title IX & VI, and in Section 504.

442 KY ROUTE 550, EASTERN KY, 41622
TEL: 606.886.2354 FAX: 606.886.4550



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August 21, 2026

To: National Science Foundation

If the proposal submitted by Dr. Emi Iwatani entitled "Co-Designing Rurally Responsive Computational Thinking Assessments in Kentucky Appalachia" is selected for funding by NSF, it is my intent to collaborate and/or commit resources as detailed in the Project Description or the Facilities, Equipment and Other Resources section of the proposal.

Tonya Horne-Williams
Superintendent
Floyd County Schools

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Draft Scope of Work: Floyd County Schools

Proposal 1: Co-Designing Rurally Sustaining Computational Thinking Assessments in Kentucky Appalachia

This project aims to co-design, validate, and implement a dual-track assessment system for Computationally-Enabled Design Thinking (C-EDT). Through this project, 11 teachers from Floyd County Schools and a district administrator will help co-design practical formative feedback tools for the classroom, while simultaneously providing the district with aggregated reporting metrics to satisfy Kentucky's House Bill 257 mandate for "Vibrant Learning Experiences".

If funded, the grant will provide Floyd County Schools with the following support:

Direct Personnel Compensation for Professional Learning and Leadership (\$64,440)

- ***Educator Compensation (\$18,480 per year):*** Direct stipends paid to the 11 participating teachers for their design work and implementation.
- ***District Administrative Support (\$3,000 per year):*** Stipends for the participating administrator.

Fully Funded Resources & Travel (Estimated \$20,550, plus in-kind support)

- ***Materials & Event Costs:*** Fully funded materials, working meals, and field trip access for your educators during the summer institutes.
- ***Travel & Conference Reimbursements:*** Travel funds to reimburse your teachers for summer convening mileage and fully fund their travel to present at regional education conferences.
- ***In-Kind Professional Development Support:*** Ongoing support and collaboration from Bit Source, Digital Promise, and other district teachers and leaders.

Proposal 2: Collaborative Research: CER: Drawing on Kinship: Designing a National Model for Rurally Sustaining Computing Education

This project investigates the transferability of the Eastern Kentucky C-EDT instructional model to other geographically distinct rural areas, including Alaska and Arizona. Through this project, 4 teachers from Floyd County Schools will serve as independent peer-facilitators and mentors, building local and national leadership capacity to sustain rigorous computing education.

If funded, the grant will provide Floyd County Schools with the following support:

Direct Personnel Compensation for Professional Learning and Leadership (\$27,660)

- ***Educator Compensation (\$4,200 per year):*** Direct stipends paid to the 4 participating teachers for their design work and implementation.
- ***District Administrative Support (\$2,500 per year):*** Stipends for the participating administrator.

Fully Funded Resources & Travel (Estimated \$12,300, plus in-kind support)

- ***Materials & Event Costs:*** Fully funded materials, working meals, and field trip access for your educators during the summer institutes.
- ***Travel & Conference Reimbursements:*** Travel funds to reimburse teachers for local summer convening mileage, as well as fully funded travel for a mentor to help facilitate cross-network summer institutes in states like Alaska or Arizona.
- ***In-Kind Professional Development Support:*** Ongoing support and collaboration from Bit Source, Digital Promise, and other district teachers and leaders.