2021

FORGING INNOVATION IN RURAL EDUCATION

14th
Bi-Annual

FIRESUMMIT

BEYOND THE PANDEMIC

April 21, 2021

VIRTUAL FIRE SUMMIT

Welcome to Digitalachia!

Digitalachia is a place for learners, leaders and makers where *"the possible"* **is revealed every day.**

We celebrate innovation and grit, we inspire creativity and rural genius, and we collaborate and network with other folk committed to education and community.

We are proud to once again be hosting the Forging Education in Rural Education (FIRE) Summit in Digitalachia.

For years the FIRE Summit has been held in the *"REAL"* **and attended by 1500 folks or more.**

You may not have realized that the FIRE Summit always included a virtual component with an international audience of tens of thousands.

This is our 14th FIRE Summit and the third 100% virtual Summit.

We're celebrating Innovation, Hard work, Creativity, and Grit. We're lifting up the amazing things going on in education across our region.

So again, Welcome to Digitalachia

and

WELCOME **to the FIRE SUMMIT!**

Overview of Projects for the 2020-21 Spring Virtual FIRE Summit

Learning Innovation Grant

KVEC has long held the belief that all learners need educational experiences that allow them to actively engage in creating real-world solutions to identified challenges. KVEC included Innovation Learning Micro Investments for classroom teachers based on the action research model. Beginning in 2014, teachers were invited to apply for an Innovation Micro Investment award in amounts up to $1,000 to identify a challenge specific to their learning environment and identify how they could utilize materials/resources from the micro investment to engage students and/or leverage other supports to advance student outcomes. One of the early trainings we provided for educators was the Action Research Model. We wanted our teachers to understand that they could apply for and implement an innovation learning project based on action research. Our teachers already conduct action research through their daily instruction.

Special Education Micro-Credential Network

The Special Education Micro-Credential Network is designed to engage education leaders in a practitioner-driven professional learning network that builds capacity and leverages staff strengths to develop strong models of competency-based professional learning within and across the KVEC region that will advance educator professional learning and practice and student outcomes.

As a result, experienced special education practitioners will develop 6 micro-credentials for professional learning that are aligned to regional needs and are designed to advance professional practice and student outcomes that will be available to the KVEC region and beyond. The micro-credential collaborative provides competency-based clinical professional learning for special education teachers and supports general education teachers that work with students with special learning needs.

Building it Forward-Tiny House

Area Technology Center teachers work with their students to apply for a grant to design and build a Tiny House. This work is sustainable because the houses are designed, built and sold at auction; proceeds are given back to the schools to continue the work the next year.

The Building it Forward-Tiny House Project is taking learning outside and students are getting hands-on learning opportunities. Students are able to consider different career fields, learn basic workplace behavior and develop specific skills within an industry. The KVEC Tiny House project can impact all students. Those high academic achievers will develop skills they may not gain from sitting in a classroom focused solely on a book; students with learning disabilities and poor academic records due to poverty and other issues are learning skills that could provide them with a successful future. Students learn and stay engaged from 'a tiny house project' and teachers learn by developing a multidisciplinary curriculum and tutorial series for schools and for individuals. Students earn credits in math, science and English while also learning the necessary skills to build their own small house (or possibly to start their own business building tiny houses for others).

The Tiny House Project continues to draw state and national attention for demonstrating what young people have the potential to accomplish. East Kentucky student designed and built Tiny Houses are now located coast to coast – from Williamsburg, Virginia to Pismo Beach, California.

Overview of Projects for the 2020-21 Spring Virtual FIRE Summit
(Continued)

Dell Tech Crew

The Dell Tech Crew is a student-based training experience that teaches students how to service and maintain Dell devices. The Tech Crew allows students to gain access to the same fundamental training and skills that employees at Dell receive themselves. With this training students are able to gain real-life experience of servicing and maintaining school devices for other students in their school. These experiences foster leadership, customer service and communication while also developing career readiness fundamentals. Through this program Floyd County students will not only benefit from this opportunity through skill development but also concluding the program with certifications from Dell. Floyd County Schools and Kentucky Valley Education Cooperative have partnered together to pilot this program with their high schools. The hope is that by having a successful pilot in Floyd County, additional Chapters of Dell Tech Crew can be added in other districts.

Supporting Elementary Social Studies K-3 with National Geographic

This year, K-3 teachers from across the KVEC region have participated in a pilot program with National Geographic and other K-5 teachers from Iowa and North Carolina. The virtual cohort is designed to address teachers' instructional needs as they implement new inquiry-based standards in their respective states. These educators share the impact this pilot has made on their classrooms.

Narrative 4

Narrative 4 is a global organization driven by artists, shaped by educators and led by students. Their core methodology, the story exchange, is designed to help students understand that their voices, stories, actions and lives matter, and that they have the power to change, rebuild and revolutionize systems. Floyd Central High School teacher, Mary Slone, and students have been collaborating with Narrative 4 for several years. Mary will share some of the things they are doing during her presentation.

The Spring Virtual FIRE Summit consist of two (2) segments that run simultaneously. You will choose the segment you want to view.

April 21, 2021
Segment I
Begins at 9:00am
Learning Innovation Grants-K-6
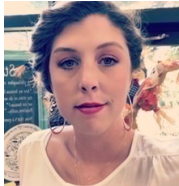**Special Ed Micro-Credential Network**
Dell Tech Crew

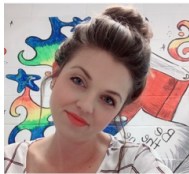**Learning Innovation Grants**
K-6

Bennett, Sabrina
sabrina.bennett@jenkins.kyschools.us
District/School: Jenkins Independent, Jenkins Independent Elementary School
Grade Level: 4-5
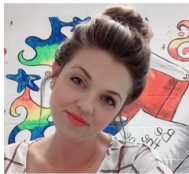**Project Title:** Cavalier Greens

Shana Berry
shana.berry@perry.kyschools.us
District/School: Perry County, Leatherwood Elementary School
Grade Level: Kindergarten
Project Title: Kinder Kits

Burton, Anna
anna.burton@johnson.kyschools.us
District/School: Johnson County, W.R. Castle Elementary School
Grade Level: STEAM K-6
Project Title: Tom Cat Theater

Campbell, Elisha
elisha.lewis@knott.kyschools.us
District/School: Knott County, Carr Creek Elementary School
Grade Level: 3
Project Title: A "Merging Classroom"

Campbell, Elisha
elisha.lewis@knott.kyschools.us
District/School: Knott County, Carr Creek Elementary School
Grade Level: 3
Project Title: Students Soar with Rocketbooks

Campbell, Traci
traci.campbell@johnson.kyschools.us
District/School: Johnson County, Highland Elementary School
Grade Level: Pre-6 Complex Needs Classroom
Project Title: Adapted Digital Resources for Distance Learning in the Complex Needs/Life Skills Classroom - Boom Cards

Collins, Cynthia
cindy.collins@magoffin.kyschools.us
District/School: Magoffin County, North Magoffin Elementary School
Grade Level: 6
Project Title: Paperless Math!

Farler, Eleanor "Nikki" & Sharp, Heather
nikki.farler@perry.kyschools.us & heather.sharp@perry.kyschools.us
District/School: Perry County, Robinson Elementary School
Grade Level: K-8
Project Title: Putting the BOOM in Virtual Learning

O'Bryan, Amanda
amanda.obryan@johnson.kyschools.us
District/School: Johnson County, Highland Elementary School
Grade Level: 3
Project Title: Hands-On at Home

Puckett, Frankie & Branham, Sheila
frankie.puckett@paintsville.kyschools.us & sheila.branham@paintsville.kyschools.us
District/School: Paintsville Independent, Paintsville Elementary School
Grade Level: K-6
Project Title: Traveling Student Totes: T.S.T. Program

Puckett, Frankie
frankie.puckett@paintsville.kyschools.us
District/School: Paintsville Independent, Paintsville Elementary School
Grade Level: K-6
Project Title: Are you ready to learn? Students: We are ready to learn!

Puckett, Frankie
frankie.puckett@paintsville.kyschools.us
District/School: Paintsville Independent, Paintsville Elementary School
Grade Level: K-6
Project Title: Play Based Learning and Exploring

Rowland, Andrea
andrea.rowland@lawrence.kyschools.us
District/School: Lawrence County, Louisa East Elementary School
Grade Level: 2
Project Title: Leveling the Virtual Playing Field

Slone, Brandi
brandi.slone@floyd.kyschools.us
District/School: Floyd County, Duff-Allen Central Elementary
Grade Level: 1
Project Title: Making Sense of Math

Thomas, Natasha
natasha.sparkman@knott.kyschools.us
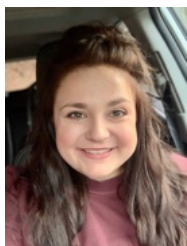**District/School:** Knott County, Beaver Creek Elementary
Grade Level: 1
Project Title: Beaver Achievers: Digital Writers in First Grade

Please use the hashtags below to share and communicate during and after our Virtual FIRE Summit!

#Team606 #hollerproud #Virtual FIRE Summit
#KVECforward #teamkentucky
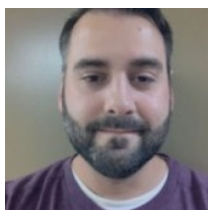
Special Education Micro-Credential Network

Kincer, Emily
emily.kincer@letcher.kyschools.us
District/School: Letcher County, Letcher County Central High School
Grade Level: 9-12
Project Title: Delivering Virtual (Hybrid) Accommodations

Branham, Tyler
tyler.branham@pikeville.kyschools.us
District/School: Pikeville Independent, Pikeville High School
Grade Level: 9-12
Project Title: Delivering Virtual (Hybrid) Accommodations

Gayhart, Kara
kara.gayhart@perry.kyschools.us
District/School: Perry County, East Perry Elementary School
Grade Level: K-8
Project Title: Building Relationships in a Virtual Setting

Cook, Tammy
tammy.cook@letcher.kyschools.us
District/School: Letcher County, Martha Jane Potter Elementary School
Grade: K-5
Project Title: Building Relationships in a Virtual Setting

Cordle, Angie
angie.cordle@floyd.kyschools.us
District/School: Floyd County, Prestonsburg Elementary School
Grade: K-2
Project Title: Building Relationships in a Virtual Setting

Newsome, Autumn
autumn.newsome@letcher.kyschools.us
District/School: Letcher County, West Whitesburg Elementary School
Grade: K-12
Project Title: Virtual or Hybrid Instruction for Students with Disabilities

Minix, Elizabeth
elizabeth.minix@breathitt.kyschools.us
District/School: Breathitt County, Sebastian Elementary School
Grade: K-12
Project Title: Virtual or Hybrid Instruction for Students with Disabilities

Combs, Justin
justin.combs@breathitt.kyschools.us
District/School: Breathitt County, Breathitt County High School
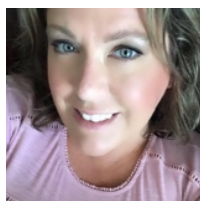**Grade Level:** 9-12
Project Title: Station Teaching

Hamilton, Marlene
marlene.hamilton@breathitt.kyschools.us
District/School: Breathitt County, Marie Roberts Caney Elementary School
Grade: 4-6
Project Title: Station Teaching

Perkins, Tiffany
tiffany.perkins@knott.kyschools.us
District/School: Knott County, Hindman Elementary School
Grade Level: K-8
Project Title: Progress Monitoring

Suffridge, Jennifer
jennifer.thornsbeary@knott.kyschools.us
District/School: Knott County, Hindman Elementary School
Grade: K-8
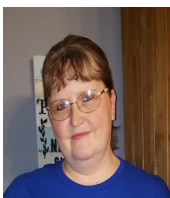**Project Title:** Progress Monitoring

Hall, Melissa
melissa.hall@breathitt.kyschools.us
District/School: Breathitt County, Highland Turner Elementary School
Grade: K-6
Project Title: Determining Mild Mental Disability and Functional Mental Disability Eligibility

Prater, Chasity
chasity.prater@wolfe.kyschools.us
District/School: Wolfe County, Campton Elementary School
Grade: K-6
Project Title: Determining Mild Mental Disability and Functional Mental Disability Eligibility

Dell Tech Crew

Tackett, Kelsey
kelsey.tackett@floyd.kyschools.us
District/School: Floyd County, South Floyd Elementary School
Grade Level: 8
Project Title: Dell Tech Crew

Supporting Elementary Social Studies K-3 with National Geographic

Baker, Denise
denise.baker@letcher.kyschools.us
District/School: Letcher County, Martha Jane Potter Elementary School
Grade Level: 3 and 4
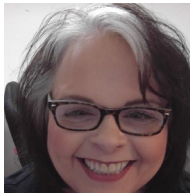**Project Title:** Supporting Elementary Social Studies with National Geographic

King, Allison
allison.king@paintsville.kyschools.us
District/School: Paintsville Independent School
Grade Level: K-3
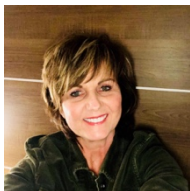**Project Title:** Supporting Elementary Social Studies with National Geographic

Sergent, Kimberly
kim.sergent@hazard.kyschools.us
District/School: Kentucky Valley Education Cooperative
Grade Level: K-3
Project Title: Supporting Elementary Social Studies with National Geographic

Taylor-Rowe, Latonya
latonya.rowe@johnson.kyschools.us
District/School: Johnson County, Highlands Elementary School
Grade Level: STEAM Teacher, Remote Learning/In-Person First Grade Teacher
Project Title: Supporting Elementary Social Studies with National Geographic

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April 21, 2021
Segment II
Begins at 9:00am
Learning Innovation Grants   Grades 7-12
Building it Forward-Tiny Houses
Narrative 4

Learning Innovation Grants
Grades 7-12

Artrip Jimmy
jimmy.artrip@knott.kyschools.us
District/School: Knott County, Knott County Central HS/Knott County ATC
Grade Level: 9-12
Project Title: Convergence or 3D with Robotics

Bailey, Cheryl
District/School: Magoffin County, Herald Whitaker Middle School
Grade Level: 7-8
Project Title: Cultivating Culture from the Ground Up

Chandran, Haridas
haridas.chandran@pike.kyschools.us
District/School: Pike County, Belfry High School
Grade Level: 12
Project Title: Synthesis and Characterization of Carbon Based and Transition Metal Quantum Dots

Chandran, Haridas
haridas.chandran@pike.kyschools.us
District/School: Pike County, Belfry High School
Grade Level: 10
Project Title: Vex Robotics In Principles of Engineering Curriculum

Combs, Donna
donna.combs@breathitt.kyschools.us
District/School: Breathitt County, Breathitt County High School
Grade Level: 8-12
Project Title: Lap Quilts for Hospice

Combs, Donna
donna.combs@breathitt.kyschools.us
District/School: Breathitt County, Breathitt County High School
Grade Level: 8-12
Project Title: Raised Garden Beds

Conley, Cathy
cathy.conley@knott.kyschools.us
District/School: Knott County, Knott County Central High School
Grade Level: 9-12
Project Title: "Whenever I Want You, All I Have To Do Is Stream"

Estep, Tami
tammy.estep@jenkins.kyschools.us
District/School: Jenkins Independent, Jenkins Middle/High School
Grade Level: 6-12
Project Title: Do the Math!

Kidd, Cortney
cortney.kidd@floyd.kyschools.us
District/School: Floyd County, Floyd County School of
Innovation **Grade Level:** 9-12
Project Title: Building Bridges to the Future

Kidd, Cortney
cortney.kidd@floyd.kyschools.us
District/School: Floyd County, Floyd County School of Innovation
Grade Level: 9-12
Project Title: Case Studies that Captivate

Kidd, Cortney
cortney.kidd@floyd.kyschools.us
District/School: Floyd County, Floyd County School of Innovation
Grade Level: 9-12
Project Title: The "Heart" of Medical Science and Bioengineering

Lucas, Jesse
jesse.lucas@pikeville.kyschools.us
District/School: Pikeville Independent, Pikeville High School
Grade Level: 9-12
Project Title: STEM Virtual Worlds

Napier, Debra
debbie.napier@harlan.kyschools.us
District/School: Harlan County, Rosspoint Elementary School
Grade Level: 8
Project Title: Sewing: A Bridge to Appalachian History, Economic Success, and Cultural Awareness

Sexton, April
april.sexton@paintsville.kyschools.us
District/School: Paintsville Independent, Paintsville Elementary/High School
Grade Level: K-12
Project Title: Virtual Learning in the Music Room

Slone, David & Slone, Chalice
david.slone@johnson.kyschools.us & chalice.slone@johnson.kyschool.us
District/School: Johnson County, Johnson Central High School & Johnson Central Middle School
Grade Level: K-12
Project Title: Computation Migration

Spangler, Hannah
Hannah.spangler@mboro.kyschools.us
District/School: Middlesboro Independent, Middlesboro High School
Grade Level: 9-11
Project Title: Launch into Learning: Cultivating Curiosity in an IBL Blended Classroom

Tackett, Kelsey
kelsey.tackett@floyd.kyschools.us
District/School: Floyd County, South Floyd Elementary School
Grade Level: 8
Project Title: Strategic Support for Differentiated Learners from a Distance

Building it Forward-Tiny Houses

Herald, Craig & Judd, Tommy
craig.herald@lee.kyschools.us & thomas.judd@lee.kyschools.us
District/School: Lee County, Lee County ATC
Grade Level: 9-12
Project Title: Building it Forward-Tiny House

Mayabb, Joseph; Booth, Gene & Clibern, Kelly
joseph.mayabb@breathitt.kyschools.us, gene.booth@breathitt.kyschools.us &
kelly.clibern@breathitt.kyschools.us
District/School: Breathitt County, Breathitt County ATC
Grade Level: 9-12
Project Title: Building it Forward-Tiny House

Mobley, Steve; Sparkman, Phillip & Martin, Teddy
steve.mobley@knott.kyschools.us; phillip.sparkman@knott.kyschools.us &
Teddy.martin@knott.kyschools.us
District/School: Knott County, Knott County ATC
Grade Level: 9-12
Project Title: Building it Forward-Tiny House

Page, Don
don.page@pike.kyschools.us
District/School: Pike County, Phelps ATC
Grade Level: 9-12
Project Title: Building it Forward-Tiny House

Woods, Kevin; & Shelton, Eddie
kevin.woods@floyd.kyschools.us & eddie.shelton@floyd.kyschools.us
District/School: Floyd County, Floyd County ATC
Grade Level: 9-12
Project Title: Building it Forward-Tiny House

Narrative 4

Slone, Mary
Mary.slone@floyd.kyschools.us
District/School: Floyd County, Floyd County Central High School
Grade Level: 9-12
Project Title: Narrative 4

Please complete the feedback form and follow the instructions for submission.

FEEDBACK FORM

We encourage all viewers to complete and submit the feedback form.

Grant Recipients are required to submit feedback on at least 3 presentations.

This continuous improvement tool provides KVEC with valuable data that will enable us to continue providing innovative opportunities for learners in the region.

After you complete the feedback form, we will send you a certificate of participation. This can count as 6 hours of EILA Conference Credit

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Educational Excellence

KVEC
Kentucky Valley Educational Cooperative

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