



<https://dhedf.org/rural-stem>

Rural STEM Initiative

The goal is to establish ongoing relationships with schools participating in the initiative to supplement their other STEM resources at no charge to the school and on a non-exclusive basis.

In May 2022, DHEDF announced the launch of a National STEM Initiative focused on Rural Schools.

Overview of the Initiative

Dee Howard International Education Foundation (DHEDF) is a Texas based national non-profit established in January 2022 whose mission is to develop (in collaboration with others) programming, resources, curricula, and initiatives to engage primarily underserved Pre-K thru 12 students in STEAM learning based on the use of automotive and/or aeronautical project-based learning pathways.

The DHEDF flagship program is the **DHEDF National Rural STEM Initiative**, launched in May 2022 and inspired by Terri Mynatt, the Principal /Teacher at the [John Fredson School](#) in [Venetie, Alaska](#), population 166. There are no roads into this small village located one hundred miles north of the Arctic Circle; the only access is by bush plane or dog sled. Terri, her students, and the community quickly became our heroes. Working with Terri we developed, in collaboration with other stakeholders, the **DHEDF National Rural STEM Initiative for Pre-K -12 students, teachers, and school administrators** to deliver Aerospace and Automotive STEAM resources to rural schools primarily through virtual programming. John Fredson School was our launch school. Currently the Initiative is in thirty-five schools in ten states and is continuing to add schools and states each school semester.

For a listing of the live virtual presentations recorded to date, please visit www.dhedf.org/rural-stem/rural-stem-initiative-presentations

Rural STEM Participants...

- ✓ **Benefit from involvement with top educators and scientists!**
- ✓ **Participate in a national dialogue with rural school peers!**
- ✓ **Contribute to the structure and implementation of STEM program collaboration!**
- ✓ **Bring unlimited possibilities to bright young lives through learning!**

Join the DHEDF Rural STEM Initiative

www.dhedf.org/rural-stem

Rural STEM Presentations | Participating Schools | Testimonials | Contact Us
email us at wifagan@wifagan.com

Participating Schools

Current as of March 15, 2023

Arctic Village School

Arctic Village, Alaska

Brackett ISD

Brackettville, Texas

Delta School

Bay Minette, Alabama

Elsanor School

Robertsdale, Alabama

Frankford Elementary

Frankford, Missouri

Germantown Elementary

School District #60
Germantown, Illinois

Girard High School

Girard, Kansas

Girard Middle School

Girard, Kansas

Girard Schools USD 248

Girard, Kansas

Henry County Public Schools

Collinsville, Virginia

John Fredson School

Venetie, Alaska

Kansas Public Schools

Kansas, Oklahoma

Martinsville and Henry County National Society of Black Engineers

Martinsville, Virginia

Martinsville City Public Schools

Martinsville, Virginia

Miami Junior-Senior High School

Miami, Arizona

Paoli Public Schools

Paoli, Oklahoma

Questa Junior/Senior High School

Questa, New Mexico

R.V. Haderlein Elementary

Girard, Kansas

Rosinton School

Robertsdale, Alabama

Stapleton Elementary

Stapleton, Alabama

Rural STEM Initiative

Participant Testimonials

“Being part of the DHEDF Rural STEM Initiative has granted us access to a wide variety of STEM learning resources we can use to enhance instruction, as well as an impressive network of participating agencies who are specifically advocating for our students...”

Jim Perry, Principal, Stapleton School

“My students have enjoyed each session we’ve been on. It’s amazing that with today’s technology, my students get exposure to things that I as the teacher know nothing about. They love getting the chance to ask the presenter questions at the end. Hands down, their favorite so far has been the drones...”

Terri Bird, Principal, Frankford Elementary

Selected Rural School Presentations

Aerodynamics of Flight

*John Fredson School
Venetie, Alaska*

Bioscience and Aerospace

*Stapleton Elementary School
Stapleton, Alabama*

Drones

*Frankford Elementary
Frankford, Missouri*

Drones in Your Future

*Germantown Elementary School
Germantown, Illinois*

Is there a future for you in Engineering?

Paoli Public Schools, Paoli, Oklahoma

Participating Schools

Current as of March 15, 2023

Arctic Village School

Arctic Village, Alaska

Brackett ISD

Brackettville, Texas

Delta School

Bay Minette, Alabama

Elsanor School

Robertsdale, Alabama

Frankford Elementary

Frankford, Missouri

Germantown Elementary

*School District #60
Germantown, Illinois*

Girard High School

Girard, Kansas

Girard Middle School

Girard, Kansas

Girard Schools USD 248

Girard, Kansas

Henry County Public Schools

Collinsville, Virginia

John Fredson School

Venetie, Alaska

Kansas Public Schools

Kansas, Oklahoma

Martinsville and Henry County National Society of Black Engineers

Martinsville, Virginia

Martinsville City Public Schools

Martinsville, Virginia

Miami Junior-Senior High School

Miami, Arizona

Paoli Public Schools

Paoli, Oklahoma

Questa Junior/Senior High School

Questa, New Mexico

R.V. Haderlein Elementary

Girard, Kansas

Rosinton School

Robertsdale, Alabama

Stapleton Elementary

Stapleton, Alabama

Collaborating Organizations

Current as of March 15, 2023



Learn more at
dhedf.org/rural-stem

Join the DHEDF Rural STEM Initiative

www.dhedf.org/rural-stem

Rural STEM Presentations | Participating Schools | Testimonials | Contact Us
email us at wifagan@wifagan.com