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 Artic 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 programing. 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](http://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](http://www.dhedf.org/rural-stem)

**Participating Schools**

Current as of March 15, 2023

- Arctic Village School
  - Arctic Village, Alaska
- Brackett ISD
  - Bracketville, 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
Bracketville, Texas
Delta School
Bay Minette, Alabama
Elsanor School
Robertsdale, Alabama
Frankford Elementary
Frankford, Missouri
Germantown Elementary
School District #50
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, Virginia
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

Join the DHEDF Rural STEM Initiative

www.dhedef.org/rural-stem

Rural STEM Presentations | Participating Schools | Testimonials | Contact Us

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