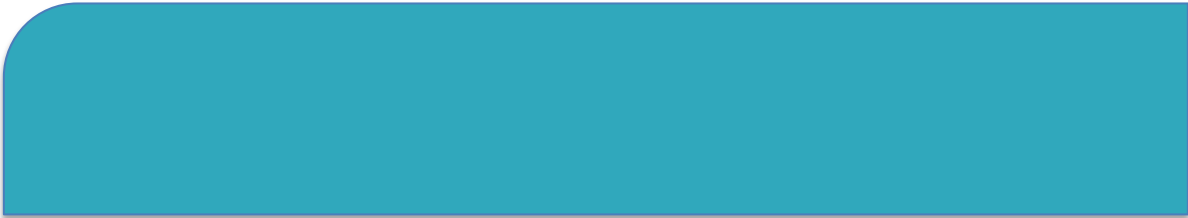


# 2017 K to Career Grant Recipients | North Carolina



Duke Energy awarded grants totaling \$2.7 million to more than 70 education institutions and organizations throughout North Carolina. The grants, from the Duke Energy Foundation, enhance programs and initiatives focused on science, technology, engineering and math (STEM) learning, childhood reading proficiency and workforce development.

Organization	Service	Location
<b>Asheville Art Museum Association</b> <i>More Than Math</i>	Address gap in mathematics learning during early school years and provide cultural experiences for low- and moderate-income students	Haywood Co. Henderson Co. McDowell Co.
<b>Asheville City Schools Foundation</b> <i>ACSF in Real Life: Improving STEAM Education After School</i>	Fund after-school program focused on STEAM activities to improve academic skills and enhance social and emotional development for students	Buncombe Co.
<b>Asheville Museum of Science</b> <i>Increasing Access to STEM with AMOS</i>	Provide a pipeline to STEM careers through out-of-school education experiences	Western N.C.
<b>Latin Americans Working for Achievement</b> <i>LAWA Padres y Padrinos Literacy Program</i>	Offer a literacy program, including tutoring, social development and parent engagement, for ESL students	Mecklenburg Co.
<b>Bald Head Island Conservancy</b> <i>Barrier Island Botanists</i>	Facilitate hands-on STEM learning through exploration of barrier island habitats	Brunswick Co.
<b>Big Brothers Big Sisters of Greater Charlotte</b> <i>Beyond School Walls</i>	Provide job shadowing and mentoring opportunities through local companies	Mecklenburg Co.
<b>Boys and Girls Club of Greater Durham</b> <i>STEM Fridays</i>	Expand STEM programming beyond the classroom through weekly projects, experiments and lessons	Durham Co. Orange Co.
<b>Boys and Girls Club of Henderson County</b> <i>Project READ</i>	Promote literacy for 1,000 at-risk youth, mitigate summer learning loss and avoid “summer slide”	Henderson Co.
<b>Boys and Girls Club of Central Carolina</b> <i>STEM Rising</i>	Motivate students in grades K-12 to explore STEM careers	Chatham Co. Lee Co.
<b>Boys and Girls Club of Wake County</b> <i>Project Learn: Academic Success &amp; STEM Instruction</i>	Provide a learning environment that enables youth to excel in academic instruction and exposes students to STEM activities during the summer and after school	Wake Co.



**Boys and Girls Clubs of North Central North Carolina**  
*Project Learn: Academic Success & STEM Instruction*

Provide a learning environment that enables youth to excel in academic instruction and exposes students to STEM activities during the summer and after school

Franklin Co.  
Granville Co.  
Halifax Co.  
Vance Co.  
Warren Co.



**Buncombe County Schools Foundation**  
*Energizing Elementary Education*

Provide curriculum for renovated STEM labs

Buncombe Co.



**Charlotte Mecklenburg Library Foundation**  
*Reading to Learn: Opening a World of Discovery for K-3 Students*

Increase access to nonfiction materials available to students in grades K-3 and required for state standards

Mecklenburg Co.



**Chatham County Schools**  
*Destination Innovation Literacy*

Provide access to software that enhances literacy in the classroom and provide teacher development to engage reluctant readers

Chatham Co.

**Chatham Education Foundation**  
*Book Access and Literacy Instruction*

Enhance access to books for underprivileged students and provide specialized literacy resources and professional development for teachers

Chatham Co.



**Classroom Central**  
*Strategies that Engage Minds through STEM*

Provide access to free STEM materials, lesson plans and lab projects for teachers to use in the classroom

Cabarrus Co.  
Gaston Co.  
Iredell Co.  
Mecklenburg Co.  
Union Co.  
Lancaster, S.C.



**Communities in Schools of Cape Fear**  
*STEM After-school Activities*

Support after-school programs at Title 1 middle schools, including the implementation of hands-on STEM activities

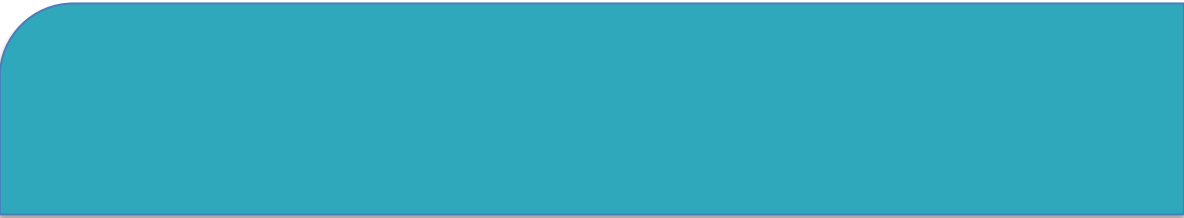
Pender Co.

**Communities in Schools of North Carolina**  
*Building Early Literacy with Parents through Reading Rockets*

Educate parents of struggling readers how to develop reading mastery through evidence-based strategies

Statewide





**Communities in Schools of Wake County**  
*The SMART Academy: Doing the Smart Thing*

Fund the expansion of the SMART Academy, which uses technology to help students develop 21<sup>st</sup>-century thinking skills in mathematics and language arts

Wake Co.

**Craven County Partners in Education**  
*Bridging STEM to Bridgeton Elementary*

Fund a STEM lab and software to improve student achievement in math and science and enhance hands-on learning opportunities

Craven Co.

**CrossRoads Corporation for Affordable Housing and Community Development**  
*GHCC Workforce Training and Development*

Support job readiness, computer basics and high school equivalency courses at Grier Heights Community Center

Mecklenburg Co.

**Discovery Place**  
*Da Vinci Machines and Robotics exhibition and public programs*

Fund international exhibit that will engage citizens in STEM learning experiences from November 2017 to May 2018

Mecklenburg Co.

**Durham Public Schools**  
*Stemming Summer Learning Loss: Early Literacy Initiative*

Provide students with books and science kits to encourage summer reading and STEM education

Durham Co.

**East Carolina University**  
*S<sup>2</sup>ENC Supporting STEM in Eastern North Carolina*

Attract more young people to STEM careers and provide necessary job readiness and leadership training to create the next-generation workforce

Eastern N.C.

**East Durham Children's Initiative**  
*Summer Camp 2017*

Support five-week intensive summer learning program for students in grades K-2 to enhance reading and mathematics skills

Durham Co.

**EducationNC**  
*Identifying best practices in STEM and K-3 literacy*

Pave the way for exceptional STEM and literacy education through best-practice sharing

Eastern N.C.

**Enable America**  
*VETCONNECT Job Seekers Workshop*

Provide disabled veterans, wounded warriors and spouses with job-seeking training and support

Cumberland Co.  
Durham Co.  
Onslow Co.  
Wake Co.  
Wayne Co.

**FIRST North Carolina**  
*Robots for All*

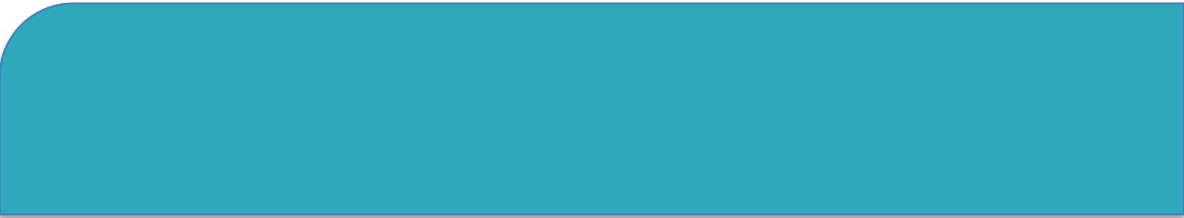
Fund competitive robotics teams for underrepresented students

Statewide

**Freedom School Partners Inc.**  
*2017 Freedom Schools: Literacy Programming*

Address the "summer slide" through a targeted literacy curriculum and enrichment activities for students in grades K-8

Mecklenburg Co.



**Friends of the NC Museum of Natural Sciences at Whiteville**  
*Youth Science Education*

Support hands-on STEM education and natural world educational programming and activities for youth

Southeastern N.C.

**Friends of the North Carolina State Museum of Natural Sciences**  
*Science for All: Accessibility & Inclusion Programs*

Provide access to hands-on science education and experiences for underserved communities

Statewide

**Girl Scouts North Carolina Coastal Pines**  
*TechnoQuest STEM Events*

Fund daylong STEM programs and workshops for middle and high school girls to explore science and technology alongside professional women in STEM fields

Statewide

**Graham County Schools**  
*New Frontier*

Provide funding for software to engage students in STEM subjects and inspire interest in related careers

Graham Co.

**Heart Math Tutoring**  
*Tutoring School Sponsorship*

Provide elementary school students with hands-on math instruction twice per week from trained volunteers at selected school site

Mecklenburg Co.

**Hill Center**  
*Math Professional Development Partnership*

Offer professional development opportunities for math teachers

Durham Co.  
Person Co.  
Vance Co.  
Caswell Co.  
Granville Co.

**Junior Achievement of Eastern North Carolina**  
*Aligning STEM in the Workplace*

Provide more than 3,500 students with programs that include an emphasis on critical STEM areas; introduce them to the concepts of soft skills and how STEM and soft skills help students obtain high-demand jobs in the future

Eastern N.C.

**Junior Achievement of the Triad**  
*Mission Possible: STEM Skills for the 21<sup>st</sup> Century*

Help students explore STEM careers and identify skills in demand by today's employers and 21<sup>st</sup>-century workforce

Triad Region

**Lee County Schools**  
*STEM Educator Development*

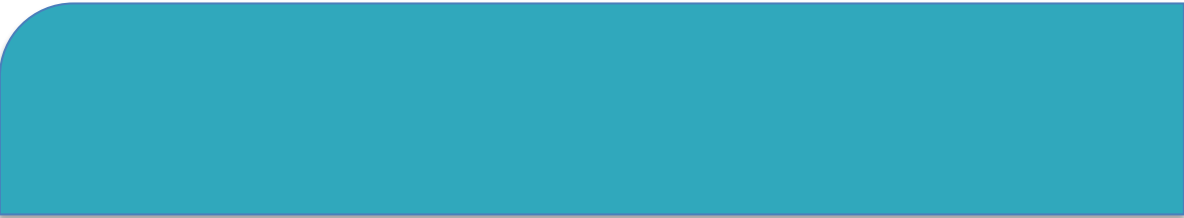
Provide professional development for math and science teachers to support deep learning in the classroom

Lee Co.

**LIFE of North Carolina**  
*Strive Employment Training Program*

Support program designed to train, equip and empower individuals to become productive members of society

Pitt Co.



**Madison County North Carolina Public Library**  
*STEAM Across the Ages*

Facilitate one-on-one literacy tutoring for students and adults, enhance local internet connectivity and develop hands-on creative play centers for children focused on environmental preservation

Madison Co.

**Marbles Kids Museum**  
*STEM Access*

Provide hands-on STEM activities to children in disadvantaged counties that promote investigation and active engagement for effective learning

Statewide

**Masonboro.org**  
*Island Explorer Program*

Provide fifth-grade students in New Hanover County the opportunity to explore and understand the diverse ecosystems of Masonboro Island

New Hanover Co.

**Morehead Planetarium and Science Center**  
*Duke Energy Science Nights and the North Carolina Science Festival*

Support the 2018 North Carolina Science Festival and Duke Energy Science Night program, which will reach 170 schools statewide

Statewide

**Nash Community College**  
*Workforce Development Improvement Plan*

Fund driving simulator and new training modules to support the Electric Line Construction Technology Academy and prepare students for applicable careers

Statewide

**North Carolina Agricultural and Technical State University**  
*Duke Energy HOME Scholars*

Support five-week bridge program – Helping Orient Minorities to Engineering (HOME) – which recruits and retains high-achieving students in engineering and computer science

Guilford Co.

**North Carolina Aquarium Society**  
*Aquarium Scholars*

Expand conservation education programs to low-income schools; create new opportunities for distance learning and field trip participation

Statewide

**North Carolina Independent Colleges and Universities**  
*Duke Energy STEM Scholarship*

Fund scholarship designated to students pursuing an engineering, math, environmental studies or education major

Statewide

**North Carolina Veterans Foundation**  
*Veterans Employment Initiative*

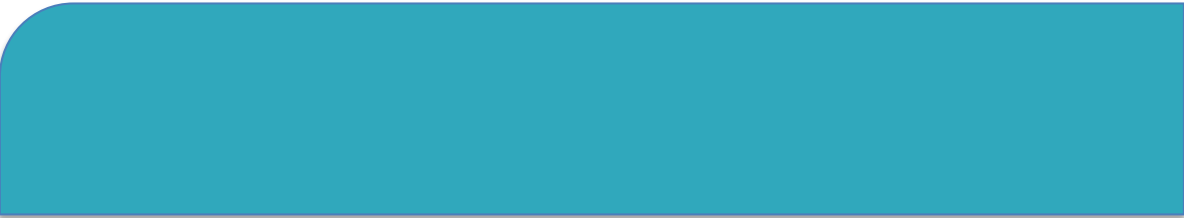
Support initiative to create a streamlined path for North Carolina veterans from military exit to civilian employment

Statewide

**Phoenix Employment Services of Wilmington**  
*Job and Life Skills Programs*

Break down barriers to employment and equip participants with essential skills for living-wage employment

Brunswick Co.  
New Hanover Co.  
Pender Co.



**Profound Gentlemen**  
*Collaborative Cohorts*

Support, develop and retain an additional 25 highly effective male educators of color teaching STEM subjects

Mecklenburg Co.

**Project Scientist**  
*Scholarships and Outcome Tracking Support*

Empower economically disadvantaged girls ages 4-12 with passion for STEM to attend Project Scientist's summer academy

Mecklenburg Co.

**Read and Feed**  
*Feed the Reader – Digital Books Pilot*

Support a mobile, after-school literacy program for low-income elementary school students in Raleigh's highest-needs communities; pilot will deliver literacy curriculum via electronic tablets

Wake Co.

**Richmond Community College Foundation**  
*Electric Utility Substation and Relay Technology Program*

Expand the curriculum for the Electric Utility Substation and Relay Technology program and help build a skilled workforce for the energy industry

Richmond Co.  
Scotland Co.

**Teach for America | Eastern North Carolina**  
*Advancing STEM Equity*

Support efforts to recruit, place and train over 80 new teachers in the 2017-2018 school year; provide STEM opportunities for low-income students

Eastern N.C.

**Teach for America | Charlotte**  
*Developing Culturally Competent Educators in High-poverty Charlotte Schools*

Fund teacher development centered on culturally relevant education; increase student outcomes for more than 9,300 students

Mecklenburg Co.

**The Center for Energy Education**  
*C4EE Summer Camp & Teacher Training*

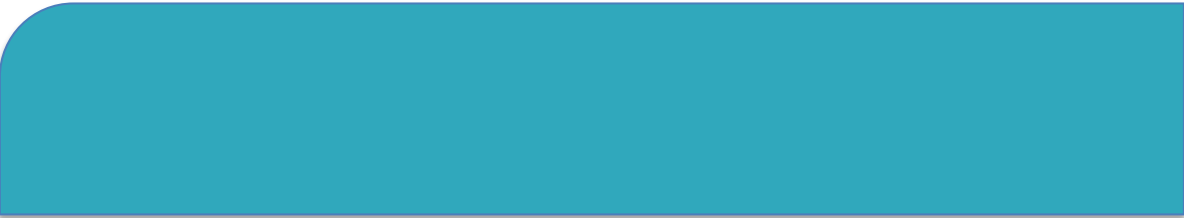
Support summer science camps that provide renewable energy science and technology education

Halifax Co.

**The Center for Inquiry-based Learning**  
*Hands-on STEM Learning*

Help ensure that every sixth-, seventh- and eighth-grade student in Columbus County Schools and Whiteville City Schools will experience at least nine weeks of hands-on, materials-based STEM instruction with a trained teacher

Columbus Co.



**The Foundation of Wayne Community College**  
*Camp Kilowatt*

Support summer day camp for high school and middle school students focused on creating interest in STEM fields and developing skills in demand by the energy industry

Wayne Co.

**The North Carolina Agricultural Foundation**  
*NC 4-H Electric Program*

Provide electric kits, electric awards and Electric Congress funding for educational 4-H electric program

Statewide

**The Winston-Salem Foundation for Project Impact**  
*Early Steps*

Help accelerate reading performance of at-risk first-graders

Forsyth Co.

**The University of North Carolina at Pembroke Foundation**  
*K-12 STEM Outreach*

Extend Duke Energy's funding of K-12 STEM outreach, with a focus on programs including the pollinator garden, science and engineering fair, research symposium and family math night

Eastern N.C.

**Urban League of Central Carolinas**  
*Continuum of Opportunity – CAST Preparation*

Support CAST test preparation for 120 youth and adult workforce participants, helping them secure entry-level careers in energy, engineering, construction, manufacturing and more

Cabarrus Co.  
Catawba Co.  
Gaston Co.  
Mecklenburg Co.  
Union Co.  
York, S.C.

**Wake County Public School System**  
*WAKE Up and Read*

Help increase grade-level reading by the end of third grade, increase school readiness and attendance, and reduce summer learning loss by educating parents and providing students with books

Wake Co.

**Wake Education Partnership**  
*Advancing STEM Instruction Through Teaching Transformation*

Support professional development for Wake County public school teachers in project-based learning, STEM immersion and multi-track program instruction

Wake Co.

**Western Carolina University Foundation**  
*WCU Duke Energy Scholars: Initiative to Grow and Nurture Innovative and Talented Engineers*

Provide scholarship support for five juniors and seniors at WCU majoring in engineering

Jackson Co.

**Western Piedmont Council of Governments**  
*Scaling STEM West*

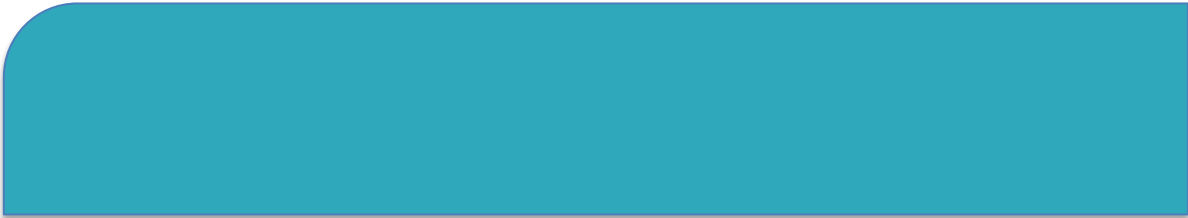
Help train additional teachers for Girls Engaged in Math and Science (GEMS) clubs across western North Carolina

Western N.C.

**YMCA of Greater Charlotte**  
*YMCA Achievement Gap – Y Readers*

Provide intensive summer and after-school literacy instruction to students in first through third grades who are reading below grade level

Lincoln Co.  
Mecklenburg Co.



**YMCA of the Triangle**  
*Y Learning/Lightner Y Achievers*

Provide funding for YMCA programs that help low-income students improve academic performance, build leadership skills and explore career options with mentors

Chatham Co.  
Durham Co.  
Johnston Co.  
Lee Co.  
Orange Co.  
Wake Co.

**Young Women’s Christian Association of the Central Carolinas**  
*YWCA Southside Youth Learning Center*

Support a year-round, out-of-school literacy program for low-income students in grades K-5 currently in the Charlotte Housing Authority

Mecklenburg Co.  
Union Co.

**Young Women’s Christian Association of Asheville and Western North Carolina**  
*Primary Enrichment Program*

Support a new curriculum to include i-Ready literacy and math programming and hands-on STEM education

Buncombe Co.

**The Duke Energy Foundation**

The Duke Energy Foundation provides philanthropic support to address the needs of the communities where its customers live and work. The Foundation provides more than \$30 million annually in charitable gifts. The Foundation’s education focus spans kindergarten to career, particularly science, technology, engineering and math (STEM), early childhood literacy and workforce development. It also supports the environment and community impact initiatives, including arts and culture.