The Challenge
Retooling for the New STEM Economy
One Solution
The Kenan Fellows Program
Mission of the Kenan Fellows Program

Enhance curriculum relevance for the benefit of all students; engage teachers, business and universities through unique professional collaboration; and promote growth opportunities for teachers and the teaching profession.
Goals of the Kenan Fellows Program

1. Develop teacher leaders through identifying, developing and retaining the best and the brightest teachers in classrooms across North Carolina.

2. Advance effective teaching that prepares students for success in the new knowledge economy.

3. Foster collaboration among teachers, researchers and industry to make STEM education relevant.

NASA Flight Fellowships

Collaborative project designed to advance teaching
Twenty expert teachers, selected over two years
Build a sustainable coalition of high school teachers, research scientists and industry leaders in North Carolina
Drive STEM instruction and outcomes for students.
Offer hands-on, locally relevant opportunities to build aerospace science and aeronautics into instruction that is engaging and effective.
Projects

Aerospace Technology for STEM Education
Wilkes Community College
Russell Sparks, Wilkes County Schools

Aviation Safety
Center for Aviation Safety, NC A & T State University
Carol Taylor, Winston-Salem/Forsyth County schools

Building a Workforce in Aerospace and Aviation
Guilford Technical Community College
Danielle Flores, Guilford County Schools
Allison George, Forsyth County Schools

Airport Engineering
RDU International Airport Authority
Jill Oliver, Wake County Public Schools

STEM Resources Library for Formal & Informal Education
Morehead Planetarium and Science Center
Tara Blalock, Johnston County Schools

Scientific Principles of Engine Assembly
GE Aviation, Durham
Dr. Jeffrey LaCosse, Durham Public Schools

Aviation & Aerospace Careers: Airplane Manufacturing
Spirit AeroSystems, Inc.
Jennifer Deschoff, Wake County Public Schools

Solar Energy for Space Travel
Duke University
Lauren Beeson, Durham Public Schools