

National Aeronautics and
Space Administration

John H. Glenn Research Center
Lewis Field
Cleveland, OH 44135-3191



October 25, 2013

Reply to Attn of: CEN

Mr. Daniel White
Director of Education
Midview Schools
13050 Durkee Road
Grafton, Ohio 44044

Dear Mr. White:

On behalf of the NASA Glenn Research Center (GRC), we are pleased to offer this letter of commitment to Midview Schools to enhance your Science, Technology, Engineering, and Mathematics (STEM) program and develop your Project Lead the Way (PLTW) K-12 curriculum. The goals and objectives of this program are aligned with many projects in the Educational Programs Office (EPO) at GRC.

One focus of the EPO is to increase the interest and engagement of underserved underrepresented students in STEM. The PLTW programs are designed to serve middle and high school students of diverse backgrounds. This program supports this effort by providing engaging and thought provoking classrooms, where critical thinking skills are developed through hands-on project based learning and students are prepared for real-world challenges.

The NASA STEM Education goals include improving STEM educator and leader preparation, induction and professional development programs; improving the capacity of U.S. education institutions to support effective STEM education and learning programs, and increase the STEM learning research base and widespread use of evidence-based STEM education practices. Additionally, some of our programs include community partnerships, while PLTW involves collaborations with leading corporations, philanthropic organizations, and educational institutions to create outstanding partnerships.

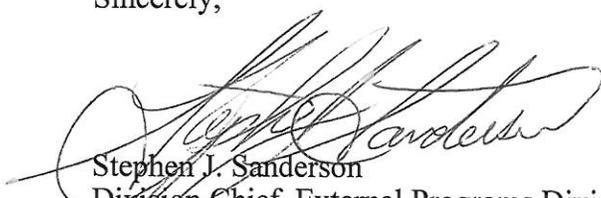
In support of this project, we can provide the following assistance:

- Support from our Digital Learning Network (DLN) which can provide interaction between students and NASA engineers and scientists who will serve as e-mentors/role model presenters
- Educator Design Challenges - Centaur, an Engineering Design and Challenge (7-9 Grade) November 22, 2013. See attached application information; due November 1, 2013
- National Lab Day – NASA GRC School Tours/STEM Activities: Date(s) to be determined
- NASA GRC Subject Matter Experts

- Educator Professional Development
- NASA GRC Speakers Bureau
- High School Internships, provided they are funded through your organization

NASA is cognizant of the need for and value of a scientifically and technically trained workforce to effectively compete in the global marketplace. This partnership will ensure that area students will be engaged in learning that is innovative and relevant to equip our future STEM workforce with the skills and training needed to excel in these fields. Our staff looks forward to collaborating with you, and providing solid support in your endeavors.

Sincerely,



Stephen J. Sanderson
Division Chief, External Programs Division