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Detroit Students Build and Test 1965 Ford Daytona Coupe as Part of Ford Fund STEAM Education Learning Experience

- Ford Motor Company Fund collaborates with Detroit Public Schools Community District and Experience Aviation to engage students with STEAM learning, career opportunities
- More than 50 career and technical education students assembled a 1965 Ford Daytona Coupe with nearly 1,000 parts over the course of 18 weeks
- Program culminates with mini hack session where students practice solution-based thinking to improve vehicle safety and sustainability through technology

DEARBORN, Mich., June 2, 2017 – More than 50 Detroit high school students gathered Friday to unveil a unique class project – a 1965 Ford Daytona Coupe.

The assignment – in which students assembled a working vehicle from nearly 1,000 parts – is the culmination of a learning experience created by Ford Motor Company Fund, the philanthropic arm of Ford Motor Company, in collaboration with Detroit Public Schools Community District and Experience Aviation.

The hands-on project taught vital skills, and provided students an up-close look at how science, technology, engineering, the arts and mathematics come together in a modern work environment, increasing awareness of technology-based career opportunities.

“Ford is proud to be a part of a collective effort to help Detroit Public School Community District students prepare for careers in STEAM,” said Shawn Wilson, multicultural manager, Ford Motor Company Fund. “Students who are inspired to learn are better prepared to reach their full potential in academics and in life.”

Students from the Detroit Public Schools Community District’s Breithaupt Career and Technical Center spent the past 18 weeks assembling the car. It features a Ford 306 engine that delivers 350 horsepower, a Ford TK5 transmission and a new independent rear

suspension – all provided with support from Ford Fund. The car was designed by Factory Five Racing Inc.

Instructional support for the students was provided by Experience Aviation by applying principles from Ford’s STEAM Lab digital curriculum. The Ford STEAM Lab was launched in October 2014 to spark student passion for technology entrepreneurship, careers in traditional STEM fields, as well as automotive design and vehicle technology. STEAM Lab adds an arts component to the original STEM elements of science, technology, engineering and math to help students learn how creativity and innovation can be used in problem solving and collaboration.

Before the test track unveiling at Ford’s Dearborn Development Center, the students were challenged to reimagine how they would improve safety and sustainability through technology. They were joined by students from Douglas Academy for Young Men in Detroit – one of the special STEAM Academies launched by Ford Fund’s Next Generation Learning initiative.

The mini hackathon and panel discussion featured award-winning pilot Capt. Barrington Irving, founder of Experience Aviation, who gained fame in 2007 when he became the youngest person to fly solo around the world.

“The significance of this project is the empowerment and industry knowledge it builds for students,” Irving said. “Now, each student can point the finger at themselves and say, ‘I am the scientist, technologist, engineer, designer and mathematician who made this happen.’”

The session included a cross-section of Ford engineers and other experts from Ford Driving Skills for Life; Ford Fund’s education office; as well as Ford’s Automotive Safety Office and product development departments.

Ford Motor Company Fund invests more than \$18 million a year in scholarships and other education initiatives globally. In addition to Ford STEAM Lab, Ford Fund educational programs include Ford Blue Oval Scholars, Ford Next Generation Learning, Ford College Community Challenge and Ford Driving Dreams Tour.

About Ford Motor Company

Ford Motor Company is a global company based in Dearborn, Michigan. The company designs, manufactures, markets and services a full line of Ford cars, trucks, SUVs, electrified vehicles and Lincoln luxury vehicles, provides financial services through Ford Motor Credit Company and is pursuing leadership positions in electrification, autonomous vehicles and mobility solutions. Ford employs approximately 202,000 people worldwide. For

more information regarding Ford, its products and Ford Motor Credit Company, please visit www.corporate.ford.com.

About Experience Aviation

Founded by Barrington Irving in 2005, Experience Aviation is a non-profit organization which utilizes aviation to build **STEM** skills and address the shortage of professionals. To learn more, visit www.experienceaviation.org.