Orlando Science Schools Adopts Project Lead The Way (PLTW) STEM Education Program to Better Prepare Students for Jobs of the Future

Orlando Science schools glad to announce that it has adopted Project Lead The Way’s (PLTW) high school biomedical science program for the 2015-2016 school year. PLTW is the nation’s leading provider of STEM (science, technology, engineering, and math) programs, and Orlando Science Schools joins more than 6,500 schools across the U.S. in offering PLTW programs to students in grades K-12.

PLTW Biomedical Science™ introduces students to medicine and human body systems, preparing them for careers in medical and health-related fields. The program is a rigorous and relevant four-course sequence that allows students to play the roles of biomedical professionals as they investigate and study the concepts of human medicine, physiology, genetics, microbiology, and public health. Students engage in activities like investigating the death of a fictional person or dissecting a sheep’s heart, learning content in the context of real-world cases. They examine the structures and interactions of human body systems and explore the prevention, diagnosis, and treatment of disease, all while working collaboratively to understand and design solutions to the most pressing health challenges of today and the future. Through PLTW Biomedical Science, students often have the opportunity to earn college credit, admissions preferences, or scholarships for completed courses.

PLTW has a long history of successfully engaging students in STEM subjects. OSS is proud to offer PLTW to our students, giving them an advantage over their peers when it comes to high school, college, and career readiness. We believe our community will also see the benefits of PLTW as the supply of highly skilled workers increases for local businesses.”

In addition to providing world-class K-12 STEM programs, PLTW provides high-quality professional development training that equips teachers with the content, skills, and pedagogy required to teach each PLTW course. PLTW schools also benefit from the organization’s engaged network of Fortune 500 companies, educators, and partners. School-based PLTW Partnership Teams complement the curriculum by recruiting local business and industry professionals to serve as mentors and share their real-world experiences with students.

“In today’s global economy, Americans are competing not just against each other but against their peers all over the world,” said Vince Bertram, president and chief executive officer of PLTW. “It is more critical now than ever before that our education system helps students develop the critical-thinking and problem-solving skills that will prepare them for the global economy.”

About PLTW
Project Lead The Way (PLTW) is a 501(c)(3) nonprofit organization and the nation’s leading provider of K-12 STEM programs. PLTW’s world-class, activity-, project-, and problem-based curriculum and high-quality teacher professional development model, combined with an engaged network of educators and corporate partners, help students develop the skills needed to succeed in our global economy. More than 6,500 elementary, middle, and high schools in all 50 states and the District of Columbia are currently offering PLTW courses to their students. For more information, visit www.pltw.org.