**Sessions**

**9:00-9:45 Keynote**

*Expand Access and Start Earlier: Keys to building on the many successes in PLTW programs in Kansas and across the U.S.*

David Dimmett, Project Lead The Way Senior Vice President and Chief Engagement Officer (Beggs Ballroom)

**10:00-10:45 Concurrent Sessions**

*Introduction to the PLTW Learning Management System (LMS), Chris Wyant, Wichita East High School (Lucas Room)*

This session will introduce you to the PLTW Learning Management System (LMS) including how to access curriculum materials and how to setup the LMS for your students to use.

*PLTW Biomedical Program, David Hosick, Project Lead The Way (Pike Room)*

This session will introduce you to the PLTW Biomedical Science Program where students study the concepts of human medicine, physiology, genetics, microbiology and public health. RJ Dake, KSDE will talk about how Biomedical courses fit into Kansas pathways. Chanel Doyle, Derby Biomedical Teacher, will answer questions about Biomedical courses currently offered at Derby High School.

*PLTW - The Pathway to Community Partnerships, Carey Lybarger, Winfield High School (Spencer Room)*

Winfield High School will open its new Center for Collaboration and Innovation in Spring 2015. This session will discuss how the PLTW program was a catalyst that partnered district, industry, and community efforts to focus on STEM education.

*The Many Options for PLTW Gateway in Middle Schools, Shane Koranda, Wichita Christa McAuliffe Academy (Santa Fe Room)*

This session will include an overview of the units available for PLTW Gateway in the middle school classroom and how Gateway has been successfully implemented at Christa McAuliffe Academy.

*PLTW Overview, Dr. Lawrence Whitman, WSU College of Engineering, (Edmiston Room)*

What is Project Lead The Way and why is it important? This session will also include information about the PLTW Certification Process.

**11:00-11:45 Concurrent Sessions**

*PLTW Partnerships, David Dimmett and David Hosick, Project Lead The Way (Lucas Room)*

This session will discuss the benefits and importance of effective partnerships as well some ideas on how to build them.

*PLTW Launch - Two Implementation Models, PJ Reilly, Valley Center, and Sheila Wendling, Newton (Pike Room)*

Learn how Valley Center and Newton Schools created a VISION for PLTW Launch in Grades K-4, 5-6 (VC) as well sustaining and growing their 7-8 Gateway To Technology and 9-12 Engineering/Bio-Medical Programs.

*How PLTW fits into Kansas Career Pathways, RJ Dake, KSDE (Spencer Room)*

Are you wondering how PLTW Engineering, Biomedical and Computer Science courses fit into already established career pathways? This session will help you align your PLTW courses with those pathways.
Design and Modeling with a 3D printer, Gateway Students, Hadley Middle School, and Sherri Molde, PLTW Master Teacher (Santa Fe Room)

Hadley Middle School students will walk you through how to create a part in Autodesk Inventor and introduce participants to the Makerbot 3D printer and how it is used in the classroom to increase understanding of the importance of precise measurements.

The PLTW Course Sequence for Engineering, Biomedical Science and Computer Science, Robin Schott, Project Lead The Way (Edmiston Room)

Project Lead The Way is helping students develop the skills needed to succeed in the global economy. Project Lead The Way is the nation's leading provider of science, technology, engineering and math (STEM) programs. This session will share information on the K-12 course sequences that are now being developed and are available from PLTW in Engineering, Biomedical Science and Computer Science.

12:45-1:30 Concurrent Sessions

Using the PLTW LMS - Beyond the Basics, Chris Wyant, Wichita East High School (Lucas Room)

Learn how to effectively use the grading tools built into the CANVAS system. Topics will include rubric grading, general assignment grading, and how to effectively implement quizzes into the LMS system.

Getting started with PLTW, David Hosick, Project Lead The Way (Pike Room)

This session is designed for any school new/interested in implementing PLTW programs. A step-by-step discussion from Registration to Implementation to ongoing PD will be the focus.

Growing your PLTW Program, Dr. Steve Noble, Hillsboro (Spencer Room)

PLTW in Hillsboro USD 410 has grown over the last three years. Beginning with program exploration, understanding, teacher identification, and funding, PLTW has expanded throughout our district and now includes Launch at the elementary school, Gateway in our middle school, and six engineering courses in the high school. This session will reveal our successes, challenges, and future goals for PLTW in our schools.

Tools for Counselors, Robin Schott, Project Lead The Way (Santa Fe Room)

School counselors play a critical role in successful Project Lead The Way program implementation. This session will help counselors understand the different PLTW programs and courses, the critical need for more students prepared for STEM careers, and a facilitated discussion focused on student opportunities that include course scheduling, student advisement, and postsecondary transitions.

1:45-2:30 (Concurrent Sessions)

PLTW Computer Science, Dennis Boldt, Hillsboro High School (Lucas Room)

Computer Science Engineering aims to generate excitement about the field of computing by engaging students through relevant coursework and tools that foster creativity. This session will give an overview of the elements of CSE and how it appeals to students of all levels.

Jeff Yearout, Gateway Master Teacher, will discuss the new Gateway CSE course that will be piloted at Derby MS next year.

PLTW Launch, David Hosick, Project Lead The Way (Pike Room)

This session is designed to increase participants’ understanding of the PLTW K-5 program, Launch. Discussion will focus on current modules as well as pilot modules information.

Marketing your PLTW Programs, Dr. Lawrence Whitman and Andrea Holzwarth, WSU College of Engineering (Spencer Room)

Get ideas about how to promote your PLTW Program - to students, parents, industry, and the community.

What I Learned from Year One in PLTW, Lance Sawyer, Hillsboro High School (Santa Fe Room)

A 2nd year teacher talks about challenges and questions he had from his first year teaching a PLTW course. Topics range from engineering notebooks to preparing for the End of Course Assessment.

2:30-3:00

Round table discussions with Administrators, Teachers, Counselors and Project Lead The Way (Beggs Ballroom) Bring your questions and participate in an open discussion with colleagues who have implemented Project Lead The Way and can share their experiences.