

# Supporting Top 10 in 10

## CHALLENGING PERCEPTIONS; CULTIVATING CHANGE

WAYNE RESA  
ANNEX BUILDING  
33500 VAN BORN RD.  
WAYNE, MI

MARCH 26, 2018

### Goals:

At the end of the day participants will have a better understanding of [“inspiring, engaging, and caring learning environments that foster creative and critical thinkers who believe in their ability to positively influence Michigan and the world beyond”](#) including ideas for

- Leveraging the flexibility in the Michigan Merit Curriculum;
- First steps toward designing and delivering exciting, impactful learning opportunities;
- The importance of building and leveraging strategic partnerships such as the Career Pathway Alliance;
- Connecting students to more career and post-secondary options

**8:30-9:00 Registration**

**9:00- 9:15 Welcome: Overview of day and purpose of roadshows**

**9:15- 10:15 Presentation 1: Implementing NGSS into Biology/ Acc Bio**

Wayne Westland Community Schools, Greg Cooper, High School Teacher, and students  
Student groups will model for the audience the learning environment they experience in their classroom as they investigate a phenomena, create student models, develop whiteboards, and hold argumentative conversation. The phenomena investigation concludes with a driving question board activity, determining additional, unanswered queries these students have. Students will then field questions about this process, their experiences, and how this applies to their lives and possible career choices.

**10:15-10:30 BREAK**

**10:30-11:30 Presentation 2: Mechatronics - Secondary, Post-secondary and Business Partnership**

Downriver Career Technical Consortium, Mary Brockschmidt, Director  
Southgate Community Schools, John Nasarzewski, Mechatronics Instructor]  
Henry Ford College, Scott Jedele, Program Manager

The DCTC Mechatronics program is a unique program that was developed based on a partnership with Henry Ford College, Ford - Flat Rock Assembly Plant and DCTC. This is a two year program that combine the principles and skills from several areas vital to modern day manufacturing. Upon completion of the program a student will receive high school CTE credit along with a minimum of 25 credit hours at Henry Ford College. DCTC will be graduating its second cohort of students this year. All of our students from the first

cohort who graduated in June of 2017 has continued in their career path via college, work or apprenticeship programs. Twenty-five percent of the graduates were accepted into the MAT2 program.

### **11:30- 12:30 Working Lunch**

Reflection on the morning presentations and generation of areas of focus for the afternoon breakouts.

### **12:30 - 1:25 PM - Breakout 1**

- Leveraging the flexibility in the Michigan Merit Curriculum;
- The importance of building and leveraging strategic partnerships
  - Career Pathway Alliance;
  - MiSTEM Regions
  - Connecting students to more career and post-secondary options
- Exciting and impactful learning opportunities:
  - #GoOpen Districts - Our Journey with Open Education Resources (OER)  
Marysville Schools, Jennifer Johnson, Supervisor of Instructional Technology  
Wayland Union Schools, Cheryl Wilson, K-12 Teacher Technology Consultant

### **1:35-2:30 pm – Breakout 2**

- Leveraging the flexibility in the Michigan Merit Curriculum;
- The importance of building and leveraging strategic partnerships
  - Career Pathway Alliance;
  - MiSTEM Regions
  - Connecting students to more career and post-secondary options
- Exciting and impactful learning opportunities:
  - #GoOpen Districts - Our Journey with OER  
Marysville Schools, Jennifer Johnson, Supervisor of Instructional Technology  
Wayland Union Schools, Cheryl Wilson, K-12 Teacher Technology Consultant

### **Continue the conversation**

● [Google+ Community](#) – MDE Roadshows

● Twitter – #InnovationRoadshow

● [MichDeptEd Facebook Page](#)