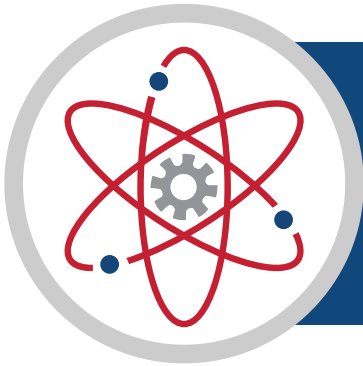


Attention all 2018-2019 VMS 7th & 8th Graders!

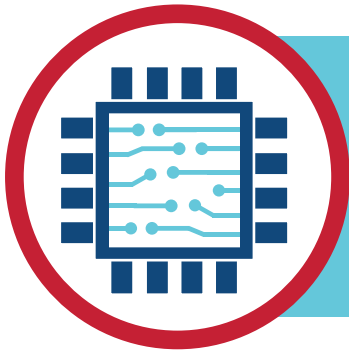
PROJECT LEAD THE WAY

GATEWAY PROGRAM 2018-2019



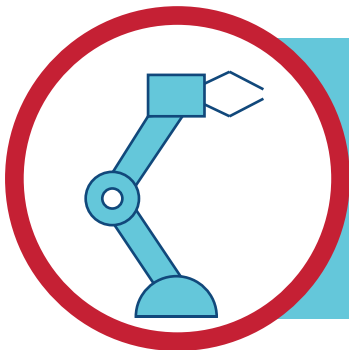
PLTW GATEWAY'S LEARNING UNITS EMPOWER STUDENTS TO LEAD THEIR OWN DISCOVERY. THE HANDS-ON PROGRAM BOOSTS CLASSROOM ENGAGEMENT AND EXCITEMENT, DRIVES COLLABORATION, AND DEEP COMPREHENSION.

VANDEVENTER OFFERS A ONE YEAR COMMITMENT GATEWAY PROGRAM FOR 7TH & 8TH GRADERS



DESIGN AND MODELING

STUDENTS DISCOVER THE DESIGN PROCESS AND DEVELOP AN UNDERSTANDING OF THE INFLUENCE OF CREATIVITY AND INNOVATION IN THEIR LIVES. THEY ARE THEN CHALLENGED TO USE AND APPLY WHAT THEY'VE LEARNED THROUGHOUT THE UNIT TO DESIGN OBJECTS.



AUTOMATION AND ROBOTICS

STUDENTS LEARN ABOUT THE HISTORY AND IMPACT OF AUTOMATION AND ROBOTICS AS THEY EXPLORE MECHANICAL SYSTEMS, ENERGY TRANSFER, MACHINE AUTOMATION, AND COMPUTER CONTROL SYSTEMS. USING THE VEX ROBOTICS® PLATFORM, TO DESIGN AND PROGRAM ITEMS.

If you would like to submit a course change request so that you can be enrolled in the Gateway program, please click [HERE](#).