

**TECHNOLOGY
&
ENGINEERING
DEPARTMENT**



Department Accomplishments

Recognized as a 5 Star Exemplary Technology Education Program by the NJTEEA

Created original “DECIDER” design process which is implemented throughout all department courses

Conduct annual safety inspections of every room and auto/wood shop in the department to ensure all machines and equipment are safe

Department Accomplishments

Created “Liter of Light” Unit of Curriculum which has been used as a model curriculum by the Liter of Light Organization

Developed innovative real world authentic projects such as solar street lamp, drones project, 3D printed cell phone case, car safety prototypes, and animation

Adaptive iSTEM course featured on NJEA “Classroom Close-up” program.

Department Accomplishments

7 students accepted to the International Association of Machinists Automotive Mechanic apprenticeship program

40 Automotive Technology students received Valvoline Oil Change Certifications this year

Created PARCC exam questions structure guide. All quarterly exam questions are now structured similar to the PARCC exam

Department Goals



Implement more math into curriculum and hands-on projects

Revise Architectural and Engineering Design I and II Curriculums

Redesign the Graphic Communications room

Involve local community to develop innovative real world authentic projects

Expand STEM curriculum to elementary grade levels by implementing STEM projects