

Project Lead the Way Update

October 19, 2016



Why are we looking at PLTW?

- Current technical education programming is becoming increasingly challenging in districts due to a significant teacher shortage in licensure and mobility rate (they are highly recruited)
- Technical education programming in WFB is currently not as strongly aligned between 6-12 (Brad and Adam have been working for over a year on this recommendation)
- Our current program is built around the teacher's abilities, skills and interest
- PLTW curriculum is not teacher dependent, and training to support will be available
- PLTW curriculum and instructional strategies are highly aligned to the WFB Seven Thriving Dispositions
- Biomedical has strong enrollment and there is interest to add to the offerings

Project Lead the Way: Gateway (Middle School)

Grade	Current Class	PLTW
Sixth Grade	Design and Construction 1	Design and Modeling
Seventh Grade	Design and Construction 2	Green Architecture
Eighth Grade	Advanced Design Construction	Medical Detectives

In Eighth Grade there is an additional class out of PLTW Courses sequence also being proposed: Design Challenges

Middle School Alignment with High School

Middle School Courses	High School Courses
Design Modeling	Introduction to Engineering
Green Architecture	Civil Engineering and Architecture
Medical Detectives	Biomedical Sciences
Design Challenge	Woodworking & Engineering Design & Development

Project Lead the Way: High School

Biomedical Track Additions:

- We are currently looking into Medical Interventions and Human Body Systems
- Human Body Systems is needing to complete a crosswalk with the full year course of anatomy and physiology
- Medical Interventions does not have a comparable HS course currently.