



The West Bloomfield School District is pleased to continue the growth of our STEAM Program at the Middle School level. This is part of the District's K-12 STEAM instructional initiatives. **STEAM** stands for **Science, Technology, Engineering, Arts, and Mathematics**. STEAM programs employ a Project Based Learning approach, a teaching method in which students gain knowledge and skills by working for an extended period of time to investigate and respond to a complex question, problem or challenge. STEAM uses critical thinking skills and incorporates the arts into this framework by recognizing that in order to be successful in technical fields, students must also be creative.

The Middle School STEAM Pathway will be elective-based, with a number of exciting Project Lead the Way elective options from which admitted students can choose, like

- Design and Modeling Automation and Robotics
- App Creators
- Computer Science for Innovators and Makers
- Energy and the Environment
- Flight and Space
- Science of Technology
- Magic of Electrons
- Green Architecture
- Medical Detectives

Admitted STEAM students will select from several of these courses over their three (3) years at Abbott or Orchard Lake Middle School as one of their elective choices each year.

The Middle School STEAM Pathway uses the Project Lead the Way Gateway curriculum, which fuels students' passion for discovery through explorations of coding and robotics, flight and space, and DNA and crime scene analysis. As they engage in hands-on, collaborative problem solving focused on real-world challenges, students use and stretch their imaginations in brand-new ways and connect their learning to life. All the while, students step into roles spanning the career landscape – a crucial experience during this transitional time in their lives.

Applicants will be selected based on a review of the following criteria:

(Applications will be available on the [district website](#) from January 14th- February 12th)

1. Most Recent Report Card

- a. For students currently enrolled in the West Bloomfield School District, staff will access student data records
- b. For students not currently enrolled in the West Bloomfield School District, **parents must bring a copy of their child’s most recent report card to their chosen Assessment Session**

2. Attendance Record

- a. For students currently enrolled in the West Bloomfield School District, staff will access student data records
- b. For students not currently enrolled in the West Bloomfield School District, **parents must bring a copy of their child’s most recent attendance records to their chosen Assessment Session**

3. NWEA MAP Testing in Reading

- a. For students currently enrolled in the West Bloomfield School District, staff will test students during school hours
- b. Students not currently enrolled in the West Bloomfield School District will be tested during their chosen assessment session (see dates below)

Timeline			
Date	Action	Location	Assessment note*
Monday, January 14th- Tuesday, February 12th	Application Period		
Wednesday, January 30th 6:30pm-8:00pm	Parent Informational Meeting	West Bloomfield High School	
Friday, February 8th*	Incoming 6th-12th grade assessment (for students not currently enrolled in the West Bloomfield School District)	Orchard Lake Middle School	*You will need to have completed the application in order to be registered for this assessment.
Alternate assessment date: February 22nd*	Incoming 6th-12th grade assessment (for students not currently enrolled in the West Bloomfield School District)	Orchard Lake Middle School	*You will need to have completed the application in order to be registered for this assessment.
February 26th, 2019	Schools of Choice Lottery	ACS	
March 1st, 2019	Notice of Admission to Middle School STEAM Pathway Program		