

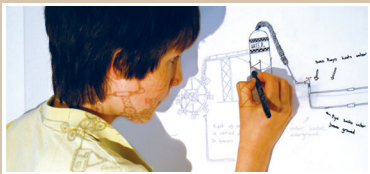
Creek Valley MS
Downing MS
Forestwood MS
Hedrick MS

MISSION

All students at an LISD middle school STEM academy will learn to apply basic content and practices of the STEM disciplines to situations they encounter in life.

STEM SCIENCE

All students will participate in an enhanced science course with a focus on the engineering design process. Students will experience a curriculum that includes design challenges, investigations, and career exploration that connects them to real-world problems.



All rising 6th grade students (current 5th graders) are eligible to apply for a transfer to an LISD middle school STEM academy, regardless of their participation in an elementary STEM academy. Students currently zoned to attend a middle school STEM

STUDENTS ELIGIBLE TO APPLY FOR TRANSFER TO LISD MIDDLE SCHOOL STEM ACADEMY

academy campus will automatically gain enrollment into the LISD STEM academy. Unlike the elementary STEM academies, there is no application for middle school STEM academies. Additional seats, based on campus capacity, will be made available to transfer students.

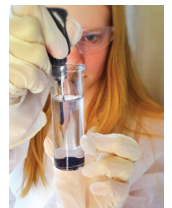
Request a transfer to a middle school STEM academy campus through Skyward during the Spring

2021 open transfer window. More information on the transfer process can be found at www.lisd.net/transfer. The Spring general transfer window runs from January 25, 2021 to February 19, 2021.



LISD STEM academies will offer Project Lead the Way's Gateway to STEM courses. These middle school electives empower students to make their own discoveries through engagement, excitement, and collaboration. The elective for the 2021-2022 school year is Gateway to STEM 1, taught over two semesters.

Gateway to STEM 1 Science of Technology
Science impacts the technology of yesterday, today, and the future. In this unit, students apply physics concepts, chemistry, and nanotechnology to projects, including making ice cream, cleaning up oil spills and discovering properties of nano-materials. *1 semester*



Gateway to STEM 1 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 and empowered to use and apply what they've learned throughout the unit to design a therapeutic toy for a child who has cerebral palsy. *1 semester*



APPLY FOR TRANSFER BY FEB. 19 lisd.net/transfer