



Northglenn HS STEM Pathways Program

See more at NorthglennHS.org

Pathways

PLTW Engineering, PLTW Biomedical, and By Design

How STEM compares to a traditional education

Problem-Based Learning (PBL)

In each discipline, students are presented with authentic, real-world problems on which to work. They must present their findings and solutions to community/industry experts. If any new idea can be transformed into an entrepreneurial effort, we have business partners who can work with students to make their plans into reality.

Inquiry-Based Learning

“The power of an inquiry-based approach to teaching and learning is its potential to increase intellectual engagement and foster deep understanding through the development of a hands-on, minds-on and research-based disposition towards teaching and learning.” – Neil Stephenson

Collaborative Learning

“Cooperative learning is a type of structured peer interaction emphasizing positive human relationships, collaboration between peers, active learning, academic achievement, equal participation, and equal status of students in the classroom.” – Spencer Kagan

Transdisciplinary Lenses

When developing transdisciplinary contexts surrounding a PBL experience for students, teachers incorporate the varied lenses of different disciplines that individuals would typically explore in that authentic real-world context: cultural, social, political, economic, historical, and scientific lenses.

Parent Visits

Current and future Norse parents can attend a tour of Northglenn HS STEM. No appointment is necessary. Please park in the lot located at 102nd Ave. and Huron.

7:30-9:30 am	8:30-10:30 am
Th 9/12	M 9/23
Th 10/10	M 10/21
Th 11/7	M 11/18
M 12/2	Th 12/12

You may submit applications to Northglenn STEM Pathways for 2014-2015 starting November 1, 2013.

Students currently attending Adams 12 Five Star Schools:

- Students who are currently attending Northglenn HS and would like to select a pathway, can complete an in-building request.
- Eighth grade students in Adams 12, will need to complete the STEM Application.

Students currently outside Adams 12 Five Star Schools.

In addition to completing the STEM Application, out of district choice students must follow the district's guidelines and complete the district's choice application.

Important Dates for 2014-2015 Choice

- Applications for Northglenn HS STEM are available for download at NorthglennSTEM.weebly.com
- Applications will be accepted starting **November 1, 2013**.
- High School Information Night will be held at the Educational Support Center from 6:00-8:00 PM on **November 13, 2013**.
- Applications must be received by: **December 15, 2013**.
- Notice of acceptance will be sent by email and US mail no later than: **January 31, 2014**.
- Accepted candidates must inform NHS STEM of their plan to attend or not attend by: **February 21, 2014**.

School/Business/Corporate Tours

To schedule a tour, please contact:

Mr. Kerry Glenn
STEM Coordinator
kerry.glenn@adams12.org
720-972-4629

Mrs. Melissa Sivernell
Assistant Principal
melissa.s.sivernell@adams12.org
720-972-4606