



Northglenn HS

STEM Pathway

2018-2019 Application

Accepted from October 30 – Noon on December 8, 2017

Step 1: Personal Information – PRINT CLEARLY

Full Name: _____ Birthdate: _____ Gender: _____ Current Grade: **8**

Street Address: _____ # _____ City: _____ Zip: _____

AD 12 Student #: _____ Parent/Guardian Names: _____

Home Phone: _____ Cell: _____ Email: _____

Current School: _____ School District: _____

Boundary High School: _____ Boundary District: _____

Step 2: Post High School Education Commitment

“I, the undersigned, understand that I am enrolling in a rigorous course of study which prepares me to enter an institute of higher learning. If accepted into a STEM Pathway, I understand that I will not be able to graduate early. I agree to continue my formal education and apply to an institute of higher learning upon graduation of Northglenn High School STEM. Early College students (Computer Information Systems) will finish their associate’s degree at Front Range Community College. Institutes include four-year universities and colleges, community/junior colleges, and trade/vocational schools.”

Student Signature: _____ Date: _____

By noon on December 8, 2017, please return completed application to:

Northglenn HS STEM Application
 601 W. 100th Place
 Northglenn, CO 80260

Or FAX to (720) 972-4739

Office Use Only.

Date submitted: _____ [] App. [] Ed Co [] IT [] Rec 1 [] Rec 2 [] Trans [] Att [] Disc **EC Only:** [] S [] P/G [] C

Pathway Selection: _____ Biomedical Science _____ Early College – Computer Information Systems _____ Engineering

Boundary School: [] Horizon [] Legacy [] Mountain Range [] Northglenn [] Thornton [] Other: _____

Boundary District: [] Adams 12 [] Adams 50 [] Brighton 27J [] Denver [] Jefferson [] Mapleton [] Other: _____

Decision: [] Accept [] Waitlist # _____ [] Decline

Step 3: Select Your Pathway

Mark your selection with an "X"

<p>[] Biomedical Science</p> <p>Year 1: Principles of Biomedical Sci. Year 2: Human Body Systems Year 3: Medical Interventions Year 4: Biomedical Innovations</p> <p>Ex: Medical Practitioners, Veterinarians, Forensic Scientists, Medical Researchers</p>	<p>[] Computer Info Systems*</p> <p>Year 1: CIS 115, CIS 118 Year 2: CIS 155, CIS 145 Year 3: Students will choose programming or networking pathways Year 4: Six college classes Year 5: Students will finish AAS at Front Range Community College</p> <p>Ex: Programmers, IT Specialists, Networking, Cyber Security</p>	<p>[] Engineering</p> <p>Year 1: Intro to Engineering Design Year 2: Principles of Engineering or AP Computer Science A Year 3: Aerospace Engineering Year 4: Engineering Design & Dev.</p> <p>Ex: Engineers, Technicians, Aerospace, Architects</p>
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* Early College – Free AAS Degree (see stemearlycollege.weebly.com for more info)

Step 4: Pathway Specific Task

Include with your application. Use any format you want.

<p>Biomedical Science Pathway:</p> <ul style="list-style-type: none"> Write a letter of intent which includes a career interest statement for the Biomedical Pathway and explain why the study of biomedical science interests you. Include information about career goals, interests and experiences that helped you make a decision about applying to the Biomedical Science Pathway. How will the Biomedical Science Pathway help you achieve your goals?
<p>Computer Information Systems (coursework through FRCC at Northglenn HS STEM):</p> <ul style="list-style-type: none"> Write a career interest statement. It should include information about career goals, experiences that helped you make a decision about a career path, why you want to be in the Early College at Northglenn STEM program (EC@N-STEM), and what you think this will mean to you in terms of your education and future goals.
<p>Engineering Pathway: Complete one of these options</p> <ol style="list-style-type: none"> Create a design proposal for a new student desk in a 21st century classroom. Include annotated sketches. Describe innovations that can be made to a high school student’s backpack. Make sure your design includes charging capabilities for technology. Include annotated sketches. Describe a technological advancement in the United States that could be adjusted for use in a developing country. Include annotated sketches.

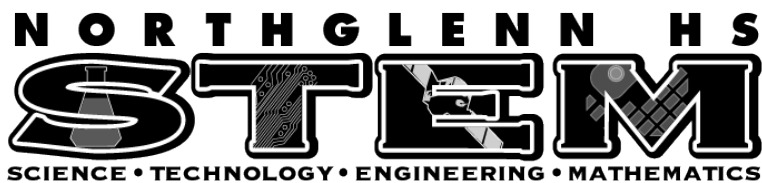
Step 5: Letters of Recommendation

Attached are **two** recommendation letters and your Parent/Guardian Form. One recommendation needs to be completed by your math or science teacher. A teacher of your choosing can complete the other. The completed letters need to be faxed, (720) 972-4739, or mailed to Northglenn High School.

Step 6: School Records

Include: an unofficial copy of your current transcript, at least a year’s attendance, and any discipline records.

<p>Mail or Deliver to: Northglenn HS STEM Attn: STEM Application 601 W. 100th Place Northglenn, CO 80260</p>	<p>For questions, feel free to contact a Coordinator.</p>		
<p>Ms. Leslie Foster Leslie.Foster@adams12.org 720-972-4691</p>	<p>Mr. Kerry Glenn Kerry.Glenn@adams12.org 720-972-4629</p>	<p>Mr. Nick Kosovich Nick.Kosovich@adams12.org 720-972-4689</p>	



Current Math or Science Teacher Recommendation for 2018-2019 STEM Program

Printed Student Name: _____ Current School: _____

All information will be kept confidential.

What is the name of the class(es) in which you've had this student? _____

Please rank this applicant's abilities. 5 = Exceptional (Top 5%), 4 = Excellent (Top 10%), 3 = Average, 2 = Fair, 1 = Poor, N = Not Sure

1. Demonstrates academic ability.	5	4	3	2	1	N
2. Follows through on work.	5	4	3	2	1	N
3. Driven by curiosity.	5	4	3	2	1	N
4. Willing to take reasonable risks.	5	4	3	2	1	N
5. Responsible.	5	4	3	2	1	N
6. Generates questions on his or her own – questions the common or unusual.	5	4	3	2	1	N
7. Approaches difficult problems with ingenuity.	5	4	3	2	1	N
8. Functions well within a team.	5	4	3	2	1	N
9. Self-directed; requires a minimum of adult direction and attention.	5	4	3	2	1	N
10. Able to plan and organize activities, direct actions, and evaluate results.	5	4	3	2	1	N
11. Completes high quality work as directed and on time.	5	4	3	2	1	N
12. Attends class regularly.	5	4	3	2	1	N
Overall recommendation of this applicant	5	4	3	2	1	

Please share your candid opinions about this student's ability to be successful in a STEM Program.

Thank you for your time!

Evaluator's Printed Name: _____ Evaluator's Signature _____ Date: _____

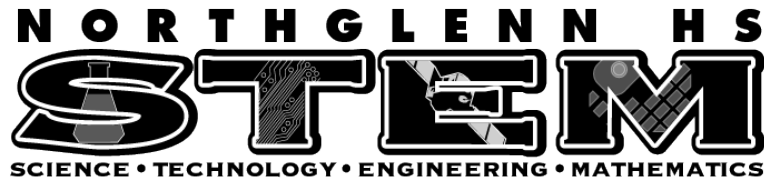
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 601 W. 100th Place
 Northglenn, CO 80260

or you may fax to:

(720) 972-4739

Recommendation must be RECEIVED by noon on December 8, 2017



Teacher Recommendation for 2018-2019 STEM Program

Printed Student Name: _____ Current School: _____

All information will be kept confidential.

What is the name of the class(es) in which you've had this student? _____

Please rank this applicant's abilities. 5 = Exceptional (Top 5%), 4 = Excellent (Top 10%), 3 = Average, 2 = Fair, 1 = Poor, N = Not Sure

1. Demonstrates academic ability.	5	4	3	2	1	N
2. Follows through on work.	5	4	3	2	1	N
3. Driven by curiosity.	5	4	3	2	1	N
4. Willing to take reasonable risks.	5	4	3	2	1	N
5. Responsible.	5	4	3	2	1	N
6. Generates questions on his or her own – questions the common or unusual.	5	4	3	2	1	N
7. Approaches difficult problems with ingenuity.	5	4	3	2	1	N
8. Functions well within a team.	5	4	3	2	1	N
9. Self-directed; requires a minimum of adult direction and attention.	5	4	3	2	1	N
10. Able to plan and organize activities, direct actions, and evaluate results.	5	4	3	2	1	N
11. Completes high quality work as directed and on time.	5	4	3	2	1	N
12. Attends class regularly.	5	4	3	2	1	N
Overall recommendation of this applicant	5	4	3	2	1	

Please share your candid opinions about this student's ability to be successful in a STEM Program.

Thank you for your time!

Evaluator's Printed Name: _____ Evaluator's Signature _____ Date: _____

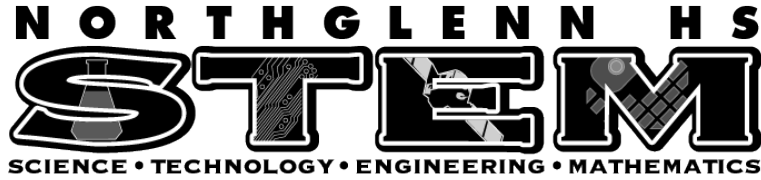
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Parent/Guardian Form – PRINT CLEARLY

Printed Student Name: _____

Parent/Guardian 1 Name:	Parent/Guardian 2 Name:
Highest level of education (please check one) <input type="checkbox"/> High School/GED <input type="checkbox"/> Associates degree <input type="checkbox"/> Bachelor's degree <input type="checkbox"/> Other: _____	Highest level of education (please check one) <input type="checkbox"/> High School/GED <input type="checkbox"/> Associates degree <input type="checkbox"/> Bachelor's degree <input type="checkbox"/> Other: _____

What are your hopes and aspirations for your child?

Please share any information that you feel is important for us to know about your child as a learner.

Please indicate your child's top two strengths and top two challenges.

EC@N-STEM ONLY

(Engineering & Biomedical Science Applicants do not need to complete this section)

Student Agreement

"I, the undersigned have completed this application to the best of my ability. I understand that this program will take between four and six years to complete. When I complete the minimum graduation requirements and receive my diploma from Northglenn HS, I will continue my education at Front Range Community College. I also understand that I will participate in unique learning experiences, internship opportunities, and employment possibilities with our industry partner. Because of this, I will participate in: college level coursework, extended day/year options, and may extend my education to receive my associate's degree by two years."

Student Signature: _____ Date: _____

Parent/Guardian Agreement

"I agree that my child may enroll in Early College at Northglenn STEM (EC@N-STEM). I realize that students participating in the program must be enrolled as a non-matriculated student at Front Range Community College and that his/her grades in the college level classes will become part of his/her college transcript. I also understand the academic calendar for EC@N-STEM students may be different from their home school, and may require summer coursework."

Parent/Guardian Signature: _____

Parent/Guardian Name
(Print): _____ Date: _____

School Counselor Recommendation for 2018-2019

Printed Student Name: _____ Current School: _____

All information will be kept confidential.

Please rank this applicant's abilities. 5 = Exceptional (Top 5%), 4 = Excellent (Top 10%), 3 = Average, 2 = Fair, 1 = Poor, N = Not Sure

1. Demonstrates academic ability.	5	4	3	2	1	N
2. Follows through on work.	5	4	3	2	1	N
3. Responsible. (Leadership)	5	4	3	2	1	N
4. Self-directed; requires a minimum of adult direction and attention.	5	4	3	2	1	N
5. Attends class regularly.	5	4	3	2	1	N
Overall recommendation of this applicant	5	4	3	2	1	

IEP/504? _____ Yes _____ No (Please submit a copy of the IEP/504 plan with the application.)

ESL/ELL Program _____ Yes _____ No Days Absent _____ Days Tardy _____

Thank you for your time!

Evaluator's Printed Name: _____ Evaluator's Signature _____ Date: _____

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