



**SIOUX CITY CAREER  
ACADEMY**

*supplemental materials*

# LINKS AND RESOURCES:

[OVERVIEW OF THE SIOUX CITY CAREER ACADEMY:](#)

[HTTPS://YOUTU.BE/FENIDR-DGG8](https://youtu.be/FENIDR-DGG8)

[Sioux City Career Academy health science instructor explains the Wall-to-Wall academy.](#)

<https://youtu.be/dx4xEbsYuOk> (start at 6:25)

[Lesson plan for War and Medicine Documentary:](#)

[https://docs.google.com/document/d/1JMs\\_TINldiaW0xJcAqJPFElqzCly96XOJi6RnHyqHg/edit](https://docs.google.com/document/d/1JMs_TINldiaW0xJcAqJPFElqzCly96XOJi6RnHyqHg/edit)

[Public-Service Announcement created by students in the health science pathway](#)

[Currently in use by the Siouxland District Health Department:](#)

<https://youtu.be/PbA46AJJq3o> (immunizations)

[https://youtu.be/FP-6\\_tZxgqY](https://youtu.be/FP-6_tZxgqY) (well-child visits)

<https://youtu.be/CcltjVIUurQ> (hookah facts)

[https://youtu.be/OWF\\_uwwznaQ](https://youtu.be/OWF_uwwznaQ) (dental screening)

[Department of Education article:](#)

<https://educateiowa.gov/article/2018/04/25/students-here-never-ask-why-am-i-learning>

[Sioux City Journal article about student finding his path:](#)

[https://siouxcityjournal.com/lifestyles/local/career-academy-helps-west-high-student-discover-career-path/article\\_a475f67d-9be2-5d54-9d6e-9a870af6c232.html](https://siouxcityjournal.com/lifestyles/local/career-academy-helps-west-high-student-discover-career-path/article_a475f67d-9be2-5d54-9d6e-9a870af6c232.html)

# LINKS, continued...

## Skills Day Event:

[https://siouxcityjournal.com/news/local/sioux-city-college-event-allows-students-to-show-off-health/article\\_ldaa97a2-58b3-506c-a215-cb37d6857bda.html](https://siouxcityjournal.com/news/local/sioux-city-college-event-allows-students-to-show-off-health/article_ldaa97a2-58b3-506c-a215-cb37d6857bda.html)

## Wall-To-Wall Article:

[https://siouxcityjournal.com/special-section/local/education/wall-to-wall-program-offers-sioux-city-students-a-look/article\\_12109e98-a68c-59d3-9f79-5022d418ac55.html](https://siouxcityjournal.com/special-section/local/education/wall-to-wall-program-offers-sioux-city-students-a-look/article_12109e98-a68c-59d3-9f79-5022d418ac55.html)



# Answer to question #17

## Career Pathway Plan of Study



### Pathway: Heath Services / C.N.A. CIP Title: Health Services/Allied Health/Health Sciences, General CIP Code: 510000000

*This Career Pathway **Plan of Study Tool** can serve as a guide, along with other career planning materials, as you continue developing your **Program of Study**. Courses listed within this plan are only recommended coursework and should be individualized to meet each learner's educational and career goals. All plans should meet high school graduation requirements as well as college entrance requirements.*

Education Levels	Grade	English	Math	Science	Social Studies/ Sciences	Other Required Courses, Recommended Electives, & Learner Activities	Career & Technical Courses and/or Degree Major Courses	SAMPLE Occupations Relating to this Pathway
<i>Interest Inventory Administered and 8<sup>th</sup> Grade Plan Developed</i>								
Secondary	9	Algebra 1	English 1	Biology	Success Strategies	Foreign Language Health P.E. Social Studies Elective Fine Arts Electives	4000 Individuals and Families	<b>Management Level:</b> Charge Nurse Floor Manager Unit Manager Director of Nursing Nurse Anesthetist Nurse Practitioner  <b>Skill Level:</b> Registered Nurse Licensed Practical Nurse  <b>Entry Level:</b> Certified Nursing Assistant
	10	Geometry	English 2	Chemistry	World History		7615 Health Careers and Teams I 7025 Health Careers and Teams II	
	11	Algebra 2	English 3	Physics	American History		7611 Medical Terminology 7612 Issues in Health and Society	
	12	Pre-Calculus	English 4	Science Elective	American Government		7613 Nurse Aide Theory 7614 Nurse Aide Clinical 7608 Advanced Nurse Aide	
<i>Articulation and Concurrent Enrolled Courses:</i>								
Postsecondary	Year 13-14		MAT 772 Applied Math			SDV 108 The College Experience PSY 111 Intro to Psychology PSY 121 Developmental Psychology PSY 241 Abnormal Psychology SOC 110 Intro to Sociology ENG 105 Comp 1	BIO 169 Human Anatomy & Physiology IA w/lab BIO 151 Nutrition PNN 624 Nursing 1 BIO 174 Human Anatomy & Physiology IIA w/lab PNN 625 Nursing II BIO 186 Microbiology ADN 621 Nursing III ADN 235 Principles of Pharmacology for Nursing ADN Nursing IV	

# Answer to question #17

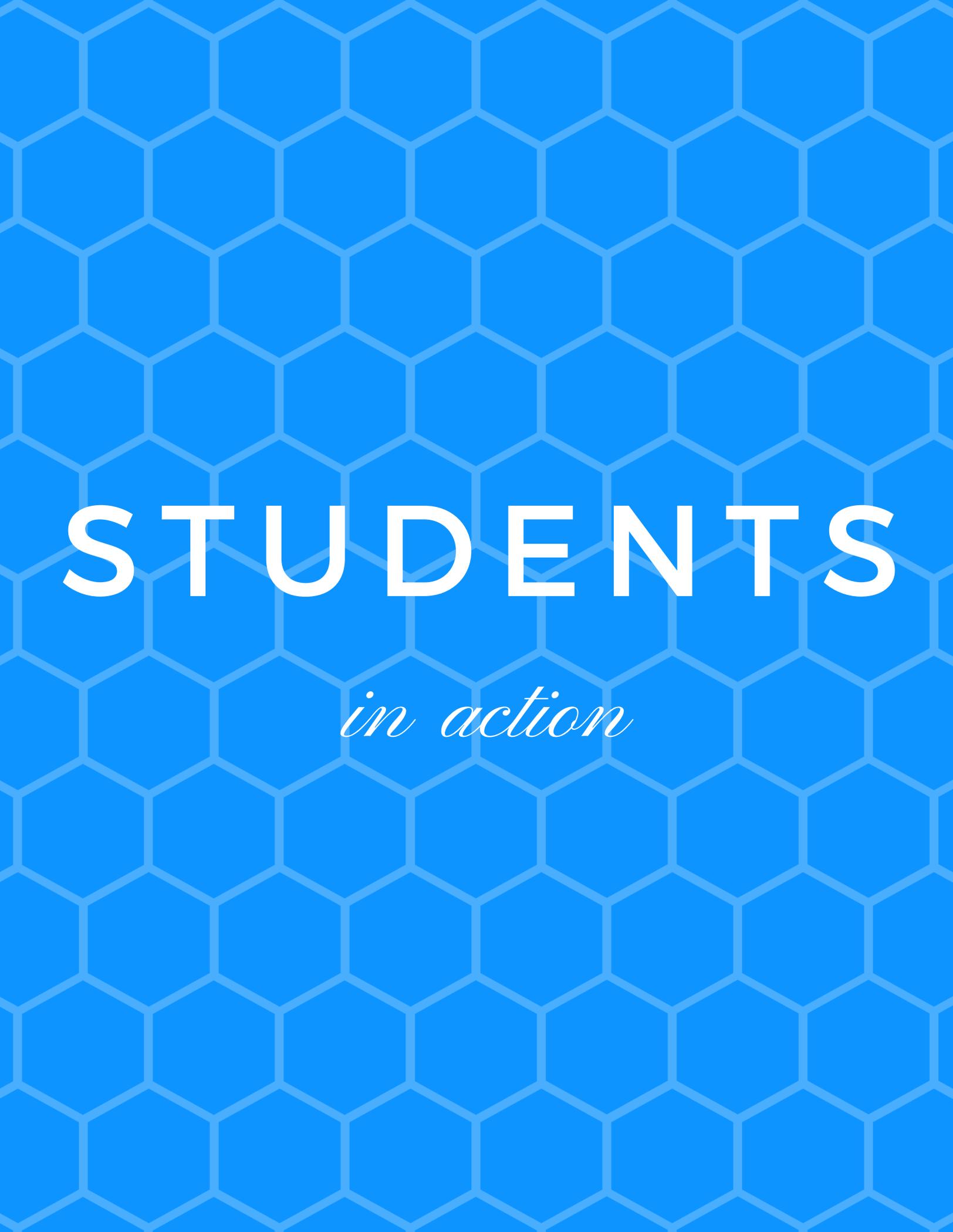
## ▲ Career Pathway Plan of Study



**Pathway: Heath Services / Pharm Tech CIP Title: Health Services/Allied Health/Health Sciences, General CIP Code: 510000000**

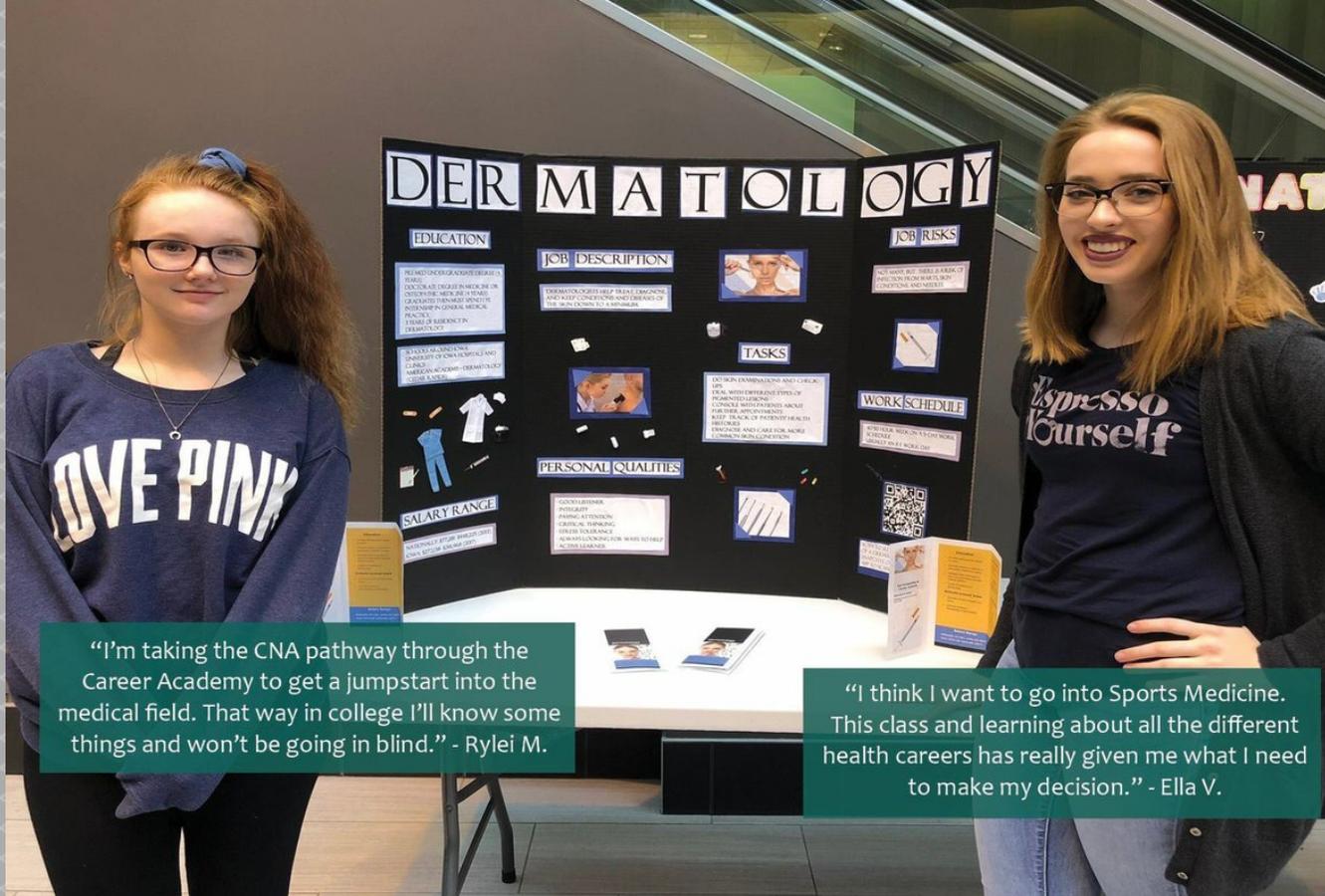
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	11	Algebra 2	English 3	Physics	American History		7611 Medical Terminology 7612 Issues in Health and Society	
	12	Pre-Calculus	English 4	Science Elective	American Government		7609 Pharmacology for Pharm Tech 7610 Pharmacy Practicum 7622 Intro to Pharm Technology	
<i>Articulation and Concurrent Enrolled Courses:</i>								
Postsecondary	Year 13-14					SDV 108 The College Experience  ADM 105 Intro to Keyboarding  HSC 245 Team Building  ADM 154 Business Communication  PHI 105 Intro to Ethics  PSY 102 Human & Work Relations	PHR 135 Pharmacy Calculations and Compounding BIO 163 Essentials of Anatomy and Physiology PHR 140 Pharmacy Law PHR 932 Internship	



STUDENTS

*in action*



“I’m taking the CNA pathway through the Career Academy to get a jumpstart into the medical field. That way in college I’ll know some things and won’t be going in blind.” - Rylei M.

“I think I want to go into Sports Medicine. This class and learning about all the different health careers has really given me what I need to make my decision.” - Ella V.

# Health career research on public display



“I’m set on being a Prosthetist. I will continue taking courses through the Career Academy to prepare myself for college and then medical school later on.” - Phoebe S.

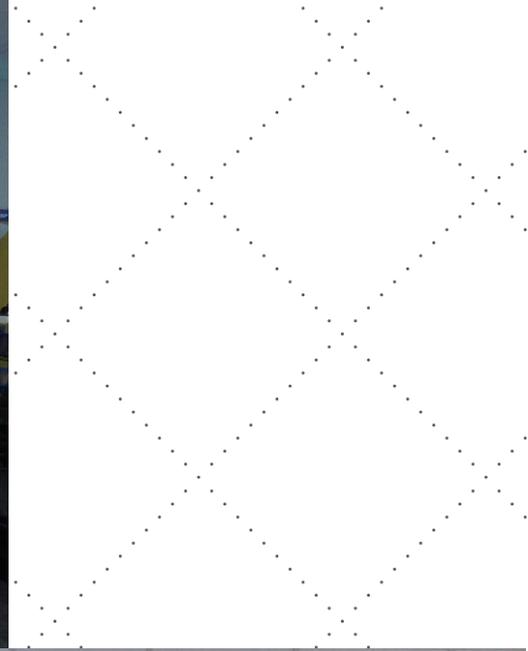
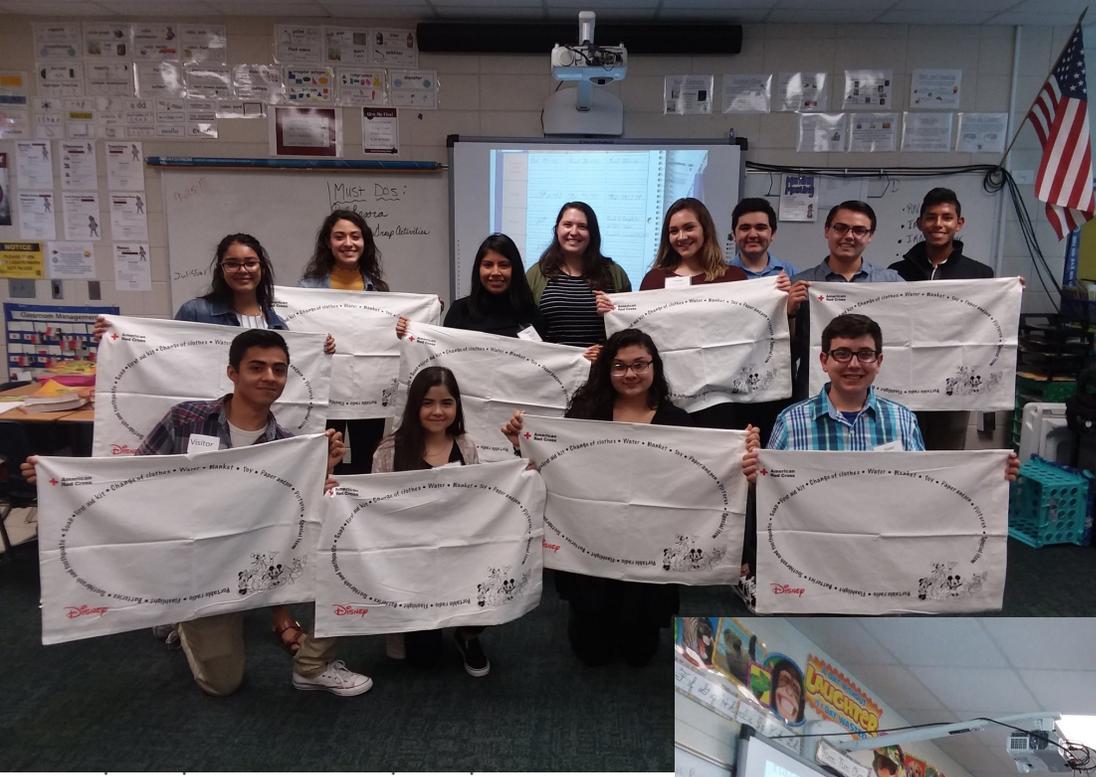
“My top pick as of right now is to be an Orthopedic Surgeon. I’ll get to put the credits I’ve earned here toward a degree from a four year college.” - Edder G.



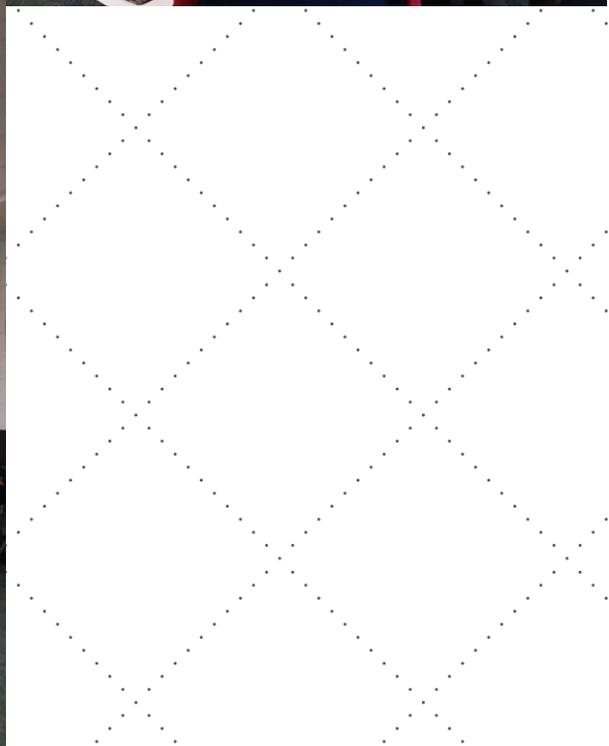
Students learning about the importance of patient care in CNA

Compounding in pharmacy





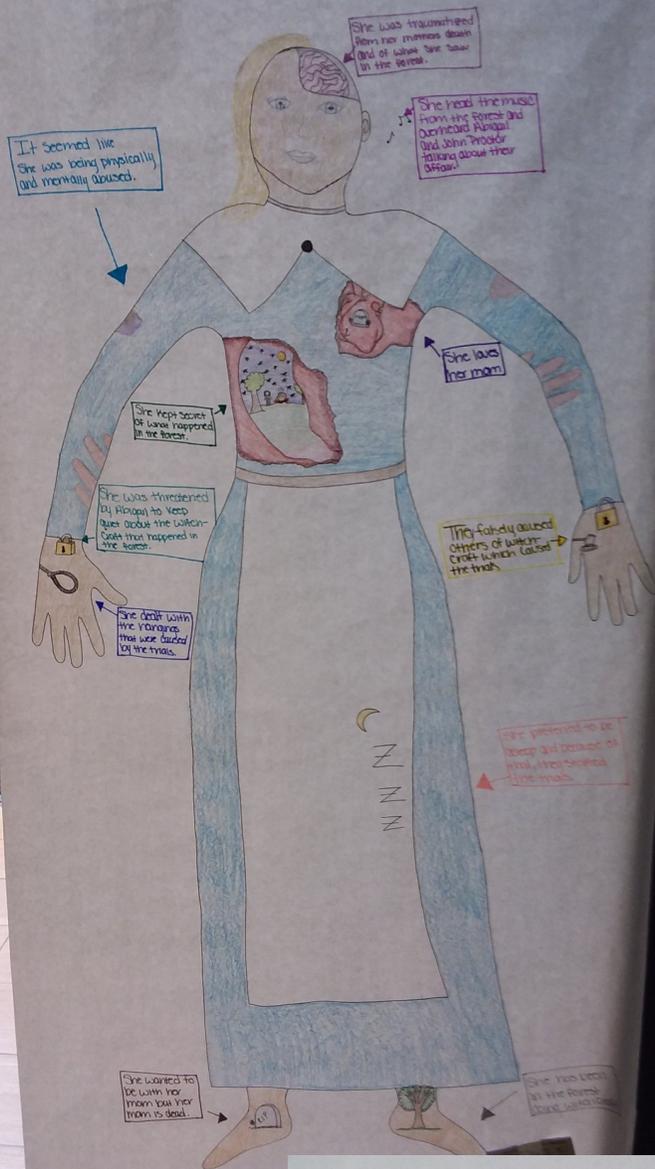
Presenting Red Cross  
Pillow Case  
Project to elementary  
school students





Students working in teams to collaborate on projects





Student work from the Wall-to-Wall academy. ELA standards through a health science lens. Students read *The Crucible* and medically diagnosed the characters. Students also wrote poetry based on war experiences.

“The Beast Released: Through the Eyes of Private Carleton Burgan”

The blast of the bombs  
 Sill ring in my head  
 With the Beast now released  
 Oh I wish I was dead

With a stroll down the street  
 The children run in tears  
 The parents are angry,  
 The children are scared

The Battle was tragic,  
 The results were destructive.  
 The man that was here  
 Is now forgotten.



# LETTERS

*of support*



|  
ACTE  
1410 King St.  
Alexandria, VA 22314

To Whom It May Concern,

Please accept this letter in support of the Health Science pathway, a program within the Sioux City Career Academy. As the director of the Sioux City Public Schools Foundation I encounter passionate educators and motivated students daily, but there is something extra special about the students in the health science pathway that truly sets them apart.

Watching the students interact with adults and leaders in our community illustrates the confidence and passion the Health Science courses instill in these students. Our students have excelled in changing the rhetoric that surrounds teenagers in Sioux City. Whether working through a clinical experience at one of our local hospitals, assisting in one of our long-term care facilities, or simply ordering coffee at a local café, they are demonstrating incredible citizenship, responsibility, and a passion to make a difference in our community.

The students in the Health Science pathway work very hard at everything they do. Not only are they tackling dual-credit, rigorous courses, but they are also committed to work experiences that can include up to 75 out of class clinical hours. Many high school students are not willing to make that great of a commitment and the work ethic is a standard for the Career Academy kids.

One of my responsibilities at the SCPSF is to visit with community members, local businesses and leaders about what the needs are in our area. Healthcare is always in the conversation. The Health Science program in the Sioux City Career Academy is the life-source for many of our health care employers. Without the strength of this pathway, many future health care workers may leave high school with an unknown path forward. Because of the structures put into place in the Sioux City Career Academy, students now leave high school as employable citizens who have a vision and a plan for their future.

Thank you for considering an award to recognize the dedication, professionalism, and intelligence displayed by the students in the Sioux City Career Academy Health Science pathway.

Best regards,

Kari Treinen

ACTE  
1410 King St.  
Alexandria, VA 22314

To Whom It May Concern,

I am pleased to recommend the Sioux City Career Academy's health science pathway for the Advance CTE Excellence in Action Award. I am impressed with the structure of the health science pathway, the knowledge and background of the instructors, and the outcome for students who participate.

It is important to me, as an employer in the healthcare industry, that we ignite a passion for healthcare in students at a young age. The Sioux City Career Academy does just that. Students are exposed to healthcare education through a multi-disciplinary approach. Students are engaged in hands-on, project-based instruction. They work in teams and develop a strong foundation for a future in as healthcare workers.

The instructors in the health academy come with a variety of health care experience. Most are RN's who have spent time in long-term and acute care facilities, some have taught health care courses at the college level, and others are content experts in English, math, and social studies. This group works together to create a unique learning experience for students offering exposure to grade level curriculum through the lens of healthcare.

Students who participate in the health science pathway are most definitely better prepared as they leave high school. Some students are leaving with their advanced CNA certification while others are certified pharmacy technicians. The opportunities these students are presented with make them better prepared to work with patients in both a human and technical manner.

CNOS has recently formed a partnership with the Sioux City Career Academy health science pathway. This partnership blossomed from our respect of the work they have done and are currently doing and an eagerness to walk beside them as they continue to positively impact the lives of so many in Siouxland.

Please do not hesitate to contact me if I can be of any further assistance.

Sincerely,



Nolan Lubarski  
Chief Executive Officer  
CNOS