

Northwood-Kensett COMMUNITY SCHOOL DISTRICT Master Facility Plan



an environment for **collaboration, technology, and problem-solving** to support student success and safety



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Northwood-Kensett School District

Board of Education

- Larry Hovey, President
- John Anderson, Vice President
- Roger Harris, Director
- Susan Kliment, Director
- Cindy Pangburn, Director

Administration

- Michael R. Crozier, Superintendent
- Deb Athey, Secretary

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Introduction

THE NORTHWOOD-KENSETT COMMUNITY SCHOOL DISTRICT is committed to providing safe, secure, and comfortable school buildings and grounds that establish an engaging learning environment for students. To ensure this commitment, the school district realizes that school facilities need to be maintained and reflect environments conducive for learning and teaching. The purpose of creating this long-range facility plan is to provide the community, staff, and students an understanding of the state of our existing facilities in relationship to our educational program standards and curriculum visions, enrollment trends and forecast, maintenance and improvement needs, and projected facility demands for the next five years. A well-considered long-range plan for our campuses will also ensure that facilities and grounds are maintained and developed in a fiscally responsible manner that contributes to the success of our students and our district, while considering the changing needs of our students, staff, and community.

Our Mission

CREATING HEALTHY, EDUCATED, ETHICAL AND PRODUCTIVE CITIZENS

Our Values

WE VALUE OUR SIX PILLARS/CHARACTER COUNTS TRAITS:

Trustworthiness, Respect, Responsibility, Fairness, Caring, and Citizenship

- We believe in creating well-rounded, educated individuals with strong character and integrity.
- We believe in high ethical standards.

WE VALUE GROWTH AND ACHIEVEMENT

- We believe all students and staff should be actively engaged in meaningful learning.
- We believe all students can attain high levels of growth and achievement.
- We believe in creating life-long learners.

WE VALUE A CULTURE OF OPEN COMMUNICATION AND COLLABORATION

- We believe that success depends on the collective energy and input of all stakeholders (community, staff, school board, students, parents).
- We believe in collaborative leadership.

WE VALUE A SAFE AND HEALTHY LEARNING ENVIRONMENT

- We believe that relationships are the key to a safe and healthy school.
- We believe in providing a safe environment where everyone is respected and valued.
- We believe that promoting a healthy lifestyle supports learning.

Guiding Principles

The following **GUIDING PRINCIPLES** have been developed by the Northwood-Kensett School District to shape the development of the Master Facility Plan for the district.

Based upon these principles, the district will prioritize and develop plans for long-range facilities improvements that will best serve student needs and meet community expectations.

**21st Century
Learning Environment**

Accessibility

**Campus Safety
and Security**

Sustainability

**Campus
Aesthetics**



**GUIDING
PRINCIPLES**

Joint Ventures

**Technology
Infrastructure**

with the city, local businesses,
county, other districts, and colleges

Guiding Principles *continued*

21st Century Learning Environment

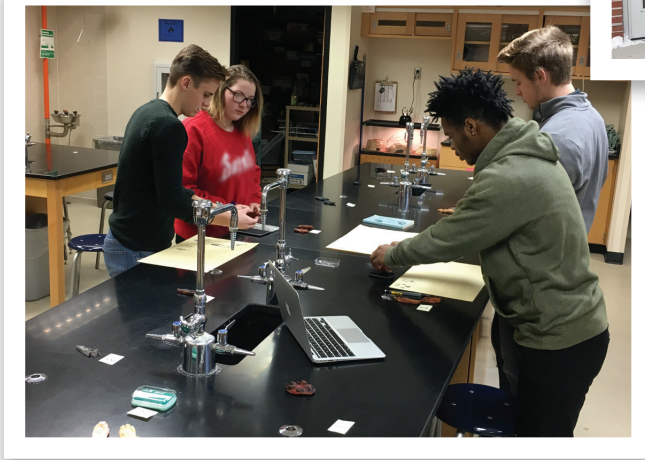
The enhancement of safety and security is the first step in creating an environment to facilitate learning and teaching. Classroom designs with long distance learning capabilities and the ability to encourage hands-on collaborative learning will need to be considered. This can be accomplished through flexible learning spaces developed through layout, the proportion of rooms, and furnishings.

OTHER CONSIDERATIONS:

- Comply with Americans with Disabilities Act
- Be energy efficient which includes state of the art air quality control and occupancy sensors
- Use of technology to change instruction and learning to a more engaging, interactive environment to support and enhance the curriculum



ADA compliant entrance to the Jr./Sr. High School



Creating an interactive and engaging classroom experience

Campus Safety and Security

Along with providing strong academic programs and extracurricular activities, the issue of campus safety is a vital concern. The Northwood-Kensett Community School District is committed to safeguarding our students' and staff's security as they pursue their educational endeavors. To help create a safe and secure environment, our school district has taken preventive steps such as crisis response planning, continuous training of staff and students, and implementing technology which includes video surveillance cameras, physical access controls, and paging/radio systems.



Window wraps at both Northwood-Kensett school buildings support campus security efforts

Guiding Principles *continued*

Accessibility

Accessibility goals will include improved traffic flow, all accesses to meet ADA guidelines, and a well-lit campus at night. These goals will create a friendlier and safer atmosphere for students, employees, and patrons. Funding sources will come from PPEL and SAVE funds.

Campus Aesthetics

Beautification of the grounds will create outdoor learning spaces to enhance the district's education programs. The appearance of our outdoor facilities is an important part of creating a positive atmosphere where students want to come and learn. When adding buildings, and changing traffic flow and parking areas, we will take into consideration the loss of current trees, new plantings, and be diligent not to destroy any of our outdoor learning areas, such as the prairie and the Nature Center.

GOALS

- Maintain and enhance landscaping throughout the campus
- Engage in environmental stewardship and conservation
- Create an aesthetically pleasing view of the campus and buildings
- Promote physical activity and hands-on learning

AREAS FOR POTENTIAL DEVELOPMENT

- Greenhouse for the horticulture class
- District produce garden

Sustainability

Building remodels and new construction will continue to be environmentally efficient, improve human health, and protect the natural environment.

THE MAIN COMPONENTS ARE:

- Improving economic efficiency
- Enhancing the well-being of all
- Efficiently using energy, water, and materials

DRIVING FORCES

- Economics
- Energy efficiency
- Indoor environment quality
- Improved public/occupant health
- Growing limitation of non-renewable energy systems
- Pollution and its effect on climate change and ecological health

The district expects future buildings and grounds projects to be designed with sustainable design principles such as energy efficiency and student and employee well-being.

Guiding Principles *continued*

Technology Infrastructure

The major technology goal for the last several years has been our comprehensive 1:1 laptop initiative. Students in grades 5-12 are able to take the laptops home. In 4th grade, students each have their own computer that stays at school. In grades K-3 there is one laptop cart per grade that is shared between the classes. With our 1:1 laptop initiative, we have dramatically increased the network infrastructure of the district. Every classroom, K-12, has its own wireless access point. The elementary is connected by a fiber connection to the main server room at the Jr./Sr. High School. We have upgraded all of the switches in each building to support gigabit networking and PoE (power over ethernet) to power the wireless access points.

Our next major technology infrastructure goal is to continue the process of moving to cloud-based servers, when possible. Also, we will evaluate the remaining servers to replace several older servers with one newer server. These solutions save energy and maintenance expenses. The infrastructure of Northwood-Kensett Community School District is very robust, and is moving large amounts of data every day. The network is capable of more traffic as our data requirements increase. We are able to increase our internet bandwidth, if needed, through WCTA.

The district is committed to providing the necessary resources to keep our network up to date and at the capacity we need.

Joint Ventures

The Northwood-Kensett Community School District strives to partner with the City of Northwood, Worth County, other school districts, community colleges, businesses, and non-profit organizations. This includes but is not limited to offering post-secondary education courses with North Iowa Area Community College, internships with area businesses, sharing with the City of Northwood Parks & Rec Department, and others.



Student internship with a local business



Northwood-Kensett Community Schools
Wellness Center Addition Proposal

Facilities Overview

Elementary

Year Built: 1999 main building, 1954 east end

FEATURES: 22 classrooms, media center, offices, small gym, cafeteria

APPROXIMATE CAPACITY: 350 students

CURRENT USE: PK-6 and Administration Office

Recently Completed Projects

2006	<ul style="list-style-type: none">• Auditorium seating• Sound systems in classroom• Soundproofing of offices
2008	<ul style="list-style-type: none">• Tuckpointing
2010	<ul style="list-style-type: none">• 1954 wing heating system• New A/C in administration offices
2011	<ul style="list-style-type: none">• Playground fencing• Install canopy at north entrance of elementary gymnasium
2012	<ul style="list-style-type: none">• Refaced outside north wall of gymnasium
2013	<ul style="list-style-type: none">• Six classrooms remodeled in 1954 wing
2014	<ul style="list-style-type: none">• Lighting in gym and lunchroom• Ceiling in art room and reading room• Sound system in gym• New phone system
2015	<ul style="list-style-type: none">• New camera security system• Remodel bathrooms in 1954 wing• Carpet replacement

Facilities Overview *continued*

Elementary

Recently Completed Projects

2016

- Carpet replacement
- Gutters replaced
- Kitchen remodel



2017

- Air-conditioning added to the 1954 wing
- Replace HVAC controls
- Carpet replacement
- Handicapped door operator replaced
- Sealed playground blacktop



2018

- New media center furniture
- Window wraps on main entrance



Five Year Vision

Anticipated Purchases & Maintenance

2019-2023	
• Painting as needed	• Additional window wraps
• Replace windows in 1954 wing	• Roof repairs as needed
• Carpet media center	• Replace fire alarm systems
• Added speakers to intercom system	

No Anticipated Structural Changes

Facilities Overview *continued*

Secondary

Year Built: 1963

FEATURES: 23 classrooms, media center, offices, gym, cafeteria, two shops, wrestling room, and weight room

APPROXIMATE CAPACITY: 350 students

GROUNDS: Football and track stadium, baseball/softball complex, outdoor science classroom and prairie

CURRENT USE: 7-12

Recently Completed Projects

2006	<ul style="list-style-type: none">• New lockers for locker room• Sound proofing of offices
2007	<ul style="list-style-type: none">• Gymnasium floor• Gymnasium bleachers• Commons/cafe/teria• Restrooms
2008	<ul style="list-style-type: none">• Science and two classrooms• Classrooms renovated• Wrestling room roof• Facade
2009	<ul style="list-style-type: none">• Classrooms remodeled• West corridor remodel• Three classrooms and two offices (east corridor)
2011	<ul style="list-style-type: none">• Tuckpoint• Shower room remodel
2012	<ul style="list-style-type: none">• Sports complex• Track, football field with irrigation, bleachers, press box, entry ticket booth, memorial, goal posts, scoreboard, water well, fencing

Secondary

Recently Completed Projects

2013

- Current TAG room (old office) and storage area at high school
— These rooms became a Technology Coordinator Office and a TAG room

2014

- Lighting in the gym
- Sound system in the gym
- Heating and cooling system in weight room and wrestling room
- New phone system
- Baseball complex: leveling ground, seeding outfield, dugout repair, replace fencing
- Irrigate baseball diamond, softball diamond, and practice field
- Athletic complex restrooms and concession stand remodel
- Bleachers for both the baseball and softball diamonds



2015

- New camera security system
- Family and Consumer Science room and west hall renovation
- Nature center renovation



2016

- Secondary kitchen expansion and remodel
- Ceiling and hallway LED lights
- Art room and concession stand remodel



Facilities Overview *continued*

Secondary

Recently Completed Projects

2017

- Replaced parking lot lights with LED lights

2018

- New Industrial Arts/Ag shops and classroom addition
- Replacement of HVAC
- Window wraps on main entrance



Five Year Vision

Anticipated Purchases & Maintenance

2019-2023	
• Media Center remodel	• Gym floor refinishing (down to bare wood)
• Painting as needed	• Roof repairs as needed
• Locker room improvements	• Addition of fitness center
• Added speakers to intercom system	• Rerouting of traffic flow to one-way traffic
• Additional window wraps	• Update fire alarm systems

No Anticipated Structural Changes

Facilities Overview *continued*

Transportation Facility

Year Built: 1968

FEATURES: Two enclosed bays, restroom, office, storage bay, 12 non-secured bays

APPROXIMATE CAPACITY: 10 buses, 6 vehicles, one tractor, and one trailer

CURRENT USE: Houses all transportation



Buses Owned		Vehicles Owned	
• Bus #5	2018	• Silver Suburban	2019
• Bus #10	2016	• Blue Ford Truck	2015
• Bus #9	2014	• White Mini Van	2014
• Bus #8	2013	• White Ford Escape	2012
• Bus #3	2011	• Grey Suburban	2009
• Bus #4	2008	• Burgundy Suburban	2004
• Bus #7	2007	• Green Chevy Truck	1998
• Bus #6	2004	• John Deere Tractor	2009
• Bus #1	2002	• John Deere Utility Tractor	2004
• Bus #2	2001		



Recently Completed Projects

2015	<ul style="list-style-type: none"> • LED lights on buses
2016	<ul style="list-style-type: none"> • Replacement of all bus cameras

Five Year Vision

Anticipated Purchases & Maintenance

2019-2023
• Replace green Chevy truck
• New bus every two years
• New transportation facility constructed
• Replace a suburban

Major Projects Timeline

Project	Construction Start	Construction Completion	Price (Estimation)	Funds Used
Library Renovation	May 2019	August 2019	\$500,000	SAVE, PEPL, and WCDA
New Transportation Facility	June 2020	August 2020	\$800,000	SAVE, PEPL, and WCDA
Fitness Center	August 2020*	January 2021*	\$5,000,000	Borrowing money from future SAVE revenue, money from committee fundraising, grants

* Depends on the passing of the SAVE extension by the Iowa legislature