Aligning Technology to College and Career Readiness Pathways

A Plan for Learning and Operational Excellence

Presented By:
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Creating College and Career Ready Graduates

“Columbia Heights Public Schools create worlds of opportunity for every learner in partnership with supportive small-town communities by challenging all to discover their talents, unleash their potential, and develop tools for lifelong success.”
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Community
Excellence
Collaboration
Integrity
Respect
Courage
Innovation
Aligning Technology to College and Career Readiness and 21\textsuperscript{st} Century Skills Committees

- District Technology Leadership Team Cohort I
- District Technology Leadership Team Cohort II
  - District staff at all levels of the organization
- External Stakeholder group
  - Parents and community members
Components of our Work

Technology Support

Portfolio of Programs/Strategies

College Benchmarks

Life Skills
COLLEGE & CAREER READINESS PATHWAY

OUR MISSION
Columbia Heights Public Schools create worlds of opportunity for every learner in partnership with support our students need by challenging all to discover their talents, unlock their potential, and develop tools for lifelong success.

COLUMBIA HEIGHTS HIGH SCHOOL
✓ Earn a GPA of 3.0 or higher each semester.
✓ Successfully complete four years of math.
✓ Earn a score of 22 or higher on the American College Test (ACT).
✓ Meet college readiness benchmarks on the PLAN test in 10th grade.

COLUMBIA ACADEMY
✓ Earn a GPA of 3.0 or higher each semester.
✓ Achieve a Marks or Exceeds on MCA Reading Standards by sixth grade.
✓ Achieve a Marks or Exceeds on MCA Math Standards by eighth grade.
✓ Meet college readiness benchmarks on the EXPLORE test in 8th grade.

HIGHLAND, NORTH PARK & VALLEY VIEW ELEMENTARY SCHOOLS
✓ Achieve a Marks or Exceeds on Minnesota Comprehensive Assessments (MCA) Reading Standards in third grade.
✓ Achieve a Marks or Exceeds on MCA Math Standards by fifth grade.
✓ Meet quarterly Kindergarten expectations.

EARLY CHILDHOOD
✓ Listen and understand stories, conversations and directions.
✓ Know colors, letters and numbers.

Creating College and Career-Ready GRADUATES
College Pathway

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College Pathway

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- Earn a GPA of 3.0 or higher each semester.
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- Meet college readiness benchmarks on the PLAN test in grade 10.
The College and Career Pathway starts in Columbia Heights Public Schools with early childhood and continues through graduation. Columbia Heights Public Schools is committed to helping develop these essential Life Skills for all of our learners.

✓ PERSISTENCE
Stick it in. Be determined when things are challenging. Embrace opportunities and see things through to the end.

✓ INNOVATION
Shape ideas into realities. Act on creative ideas to make tangible, useful contributions.

✓ COLLABORATION
Work together. Work well with others to achieve shared goals.

✓ CREATIVITY
Imagine. Demonstrate originality and inventiveness.

✓ CRITICAL THINKING
Pose good questions. Analyze and evaluate evidence; identify problems, arguments, claims and beliefs.

✓ PROBLEM SOLVING
Discover the opportunity. Use what is known to identify the problem and design a better solution.

✓ COMMUNICATION
Seek understanding. Listen effectively to decipher meaning and clearly share thoughts and ideas in appropriate and meaningful ways.

✓ SELF-DIRECTION
Take control of your own learning. Use time wisely and be able to work independently to achieve goals.

✓ FLEXIBILITY
Be adaptable. Understand, negotiate and balance diverse views and beliefs to reach workable solutions, particularly in multicultural environments.

✓ INITIATIVE
Do it. Be a leader and get things done.

✓ WELLNESS
Be balanced. Attend to body, mind and spirit.

Creating College and Career-Ready GRADUATES

For additional information, call 763-528-4500 or visit www.colheights.k12.mn.us/pathway.
Life Skills

- **PERSISTENCE**
  *Stick to it.* Be determined when things are challenging. Embrace opportunities and see things through to the end.

- **INNOVATION**
  *Shape ideas into realities.* Act on creative ideas to make tangible, useful contributions.

- **COLLABORATION**
  *Work together.* Work well with others to achieve shared goals.

- **COMMUNICATION**
  *Seek understanding.* Listen effectively to decipher meaning and clearly share thoughts and ideas in appropriate and meaningful ways.

- **SELF-DIRECTION**
  *Take control of your own learning.* Use time wisely and be able to work independently to achieve goals.

- **FLEXIBILITY**
  *Be adaptable.* Understand, negotiate and balance diverse views and beliefs to reach workable solutions, particularly in multicultural environments.
**Life Skills**

- **Creativity**
  *Imagine.* Demonstrate originality and inventiveness.

- **Critical Thinking**
  *Pose good questions.* Analyze and evaluate evidence; identify problems, arguments, claims and beliefs.

- **Problem Solving**
  *Discover the opportunity.* Use what is known to identify the problem and design a better solution.

- **Initiative**
  *Do it.* Be a leader and get things done.

- **Wellness**
  *Be balanced.* Attend to body, mind and spirit.
Technology Alignment Plan

1. Relevant and Authentic Student Learning
2. Digitally Enhanced World Class Teaching
3. Connected and Engaged Parents
4. Operational Systems and Service Excellence

Technology Philosophy Statement
We believe that technology is a critical tool for excellence by engaging all students, families and staff in collaborative and innovative learning that is equitable, efficient and effective.
The Strategies and Deliverables

1. Relevant and Authentic Student Learning
   - Demonstrated mastery and growth
   - Rigorous learning
   - Acceleration/interventions to meet students’ needs

2. Digitally Enhanced World Class Teaching
   - Globally connected classrooms
   - Current best-practice teaching
   - Reflective/dynamic teaching informed by the P21 Framework

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3. Connected and Engaged Parents
   - Easy access to resources
   - Clear pathway for student success
   - Outreach to support family involvement

4. Operational Systems and Service Excellence
   - Robust, secure, customer-focused, technology-driven educational system
   - Increased efficiency and value-added investments over time
## The Design and Tactics

### 1. Relevant and Authentic Student Learning
- Access to online learning through tools including Moodle, Schoology and Google Apps for Education
- E-Portfolios for all students
- Access to innovative, cutting edge and appropriate technology in all areas
- 1:1 student devices
- Personalized Learning Plans for all students
- Hybrid/online learning options for all students

### 2. Digitally Enhanced World Class Teaching
- Access to on-demand, focused, continuous and relevant staff development
- Access to one-on-one classroom staff development with Technology Integration Specialists
- Access to appropriate instructional technology tools for all classrooms
- Employ technology to provide immediate feedback to students and teachers to adapt instruction to student needs

### 3. Connected and Engaged Families
- One-portal access to digital programs for parents and students
- Dynamic district and school websites for improved online access to information
- Effective and flexible ways to communicate with families
- Increased access to technology for families and community
- Clear expectations for student-assigned devices

### 4. Operational Systems and Service Excellence
- Flexible and nimble computer systems supporting College and Career Pathway and Life Skills
- Bandwidth to match the growing digital classroom needs
- Anywhere and anytime access to learning
- Easy access to student data for better informed decision making
- Equitable access to relevant and current technologies for all students
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   - Access to online learning through tools including Moodle, Schoology and Google Apps for Education
   - E-Portfolios for online and classroom connections
   - Access to 1:1 student devices
   - Personalized Learning Plans for all students

2. Digitally Enhanced World Class Teaching
   - Access to on-demand, focused, continuous and relevant staff development
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Columbia Heights Public Schools Technology Plan

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The Structures
1. Personalized learning system for all students
2. Differentially professional development
3. Appropriate broadband for all learning environments
4. Equitable access to technology tools for all students and staff

The Strategies And Deliverables
- Relevant and Authentic Student Learning
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  - Rigorous learning
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  - Globally connected classrooms
  - Current best-practice teaching
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The Foundation
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District Mission Statement
Next Steps

• Develop live links to further information on programming, testing, and support systems

• Prepare communication plan for fall roll-out to staff, parents, and students

• Further develop college readiness options including Early College