

# Innovation Goals for 2021-2022

Cultivating creativity, flexibility, resilience, growth mindset and exploration by ensuring each student experiences comprehensive career exploration  
 Learning environments throughout the district are designed to promote collaboration, responsiveness, rigor and authenticity

## Progress Monitoring Measures

Timeline

### TECHNOLOGY INFRASTRUCTURE

Establish current status of Technology Infrastructure through the completion of Technology Network and Infrastructure Audit. (3RT Report)	Fall 2021
Create a plan to address the areas of need based on the Technology Network and Infrastructure Audit (document of priorities list)	Fall 2021
Create a long term technology plan to support the infrastructure and instructional technology needs of the district (technology plan)	Spring 2022
Identify technology needs for staff and students. Document conversations with staff to help in decision making process. (summary of staff feedback)	Fall 2021
Create a status report of Department of Technology work (status report document)	Fall 2021

### COMMUNITY PARTNERSHIPS, BUSINESSES, HIGHER EDUCATION.

#### In collaboration with Relationships:

Complete an audit of existing <a href="#">Career Pathways</a> and technical education course offerings to identify existing instructional programming, resources and opportunities for students to explore career pathways (Create a document outlining the external organization and nature of partnership/role they provide)	2021-2022
Create a plan to expand on and develop more partnerships with local and global businesses to create student awareness of available career opportunities and in developing career areas ie: Technology, Programming, Medical (Documentation will be part of curriculum revision process outlined in Student Success).	2021-2022

### INSTRUCTIONAL PROGRAMMING AND PRACTICES

Establish a baseline of existing instructional programming, resources and opportunities for students to explore <a href="#">career pathways</a> (document curriculum resources, programming and career exploration)	2021-2022
Analysis of Brightbytes survey data to be used as guidance in decision making for instructional programming, technology purchases and professional development planning. (planning documents include data from Brightbytes survey where applicable)	2021-2022
Identify existing after school programs, activities, or clubs focused on innovation. Examples: coding, <a href="#">STEAM</a> (Science, Technology, Engineering, Art, Math) and other areas that connect to student interest and career preparedness (document and analyze opportunities)	2021-2022
Complete an audit of existing Career Pathways and technical education course offerings to identify existing instructional programming, resources and opportunities for students to explore career pathways. Evaluation and analysis of programming to determine potential gaps in programming or opportunities to enhance programming.	2021-2023

## Strategies and Action Steps

Timeline

### Increase, enhance and diversify learning opportunities which may include: coding, world language, enrichment, real-life connections, [career pathways](#), two and four-year college, certifications and school-to-career programs

Expand and develop more partnerships with local and global businesses to create awareness of career opportunities and skills necessary for available and developing career areas (ie: Technology, Programming, Medical)	2021-2022
Evaluate and analyze programming to determine potential gaps and opportunities to enhance programming. Potential steps include - student, parent, community partner surveys; evaluation of existing career pathway exploration tools to assess their impact or effectiveness.	2021-2022
Identify instructional programming, <a href="#">career pathways</a> , and resources necessary to support students in their education toward a career of their choosing	2021-2022

Coordinate with business leaders, higher education faculty, etc. to help identify skills, experiences and programming/classes that would benefit students in their career exploration and preparation	2021-2022
Create career mentorship opportunities for students to help them develop the necessary skills and knowledge for future career paths. This mentorship should begin early to provide multiple opportunities for students to explore careers and learn about local community groups and businesses.	2021-2022
<b>Equitable access to resources provided for all students to participate in a high-quality childhood education</b>	
Deployment of new student devices in a 1:1 ratio to allow all students PreK-12 to have access to technology	2021-2022
Evaluation and analysis of instructional programming and career exploration opportunities to determine potential gaps in programming or opportunities to enhance programming	2021-2022
Analysis of Brightbytes survey data used to provide guidance in instructional programming and supporting student access and use of technology for learning	2021-2022
Develop performance rubrics emphasizing instruction around the <a href="#">4Cs</a> (Critical Thinking, Collaboration, Communication, Creativity), specifically Communication, in year 1 and the other areas of the <a href="#">4Cs</a> in subsequent years	2021-2022
Staff will complete Apple training to learn and grow in their knowledge and skills in utilizing their new devices. Professional development will emphasize the creative tools included within the devices that can be used with students.	2020-2022
Train staff to implement a curricular program focused on career exploration beginning in kindergarten and building through graduation, to expose students to the multitude of available <a href="#">career pathways</a> . This will work in conjunction with existing career exploration like Xello.	2021-2022
Celebrate artifacts of learning and the process of creating those artifacts. Core areas tend to be highlighted. Sharing the instructional practices and products of learning in tech ed. FACE, art, etc. highlighting problem solving skill development.	2021-2022
Develop and publish curricular standards for career exploration beginning in kindergarten and building through graduation, to expose students to the multitude of <a href="#">career pathways</a> available. This will work in conjunction with existing career exploration like Xello.	2021-2022
<b>Design innovative, flexible, learning opportunities through strategic use of physical space, technology and time.</b>	
Classroom technology audit to establish needs for instructional technology needs including hardware and software. This will serve as the guide to future technology purchases.	Fall 2021
Document a curriculum that defines what students will learn and how they will learn it	2021-2022
Support personalized learning planning and implementation through the adoption of a <a href="#">LMS</a> Learning Management System to support instructional practices and communication between teacher, student and families	2021-2022
Support the creation/adoption of strong common assessments and best practice use of those assessments through the integration of technology. Actions include identifying technology resources, (formative assessment tools) and providing learning opportunities for staff to support implementation.	2021-2022
Support student ownership of assessment/learning through implementation of technology resources that allow students to demonstrate their learning. Actions include demonstration of audio/video tools, presentation tools, accessibility tools.	2021-2022
Classroom technology updates ie: installation and implementation of upgraded classroom technology.	Spring 2021
Technology upgrades for certified staff. Deployment of new devices for certified staff.	December 2020
Upgrade to Internet Backup Connection, from 200MB to 1GB redundant connection	Spring 2020
Analysis of infrastructure and network audit to develop a technology plan to address issues and plan for supporting vision for future technology	2020-2022
Creation of long term technology plan	2020-2022
Analysis of current classroom technology and instructional needs to help determine what equipment needs to be purchased to support instructional technology vision	January 2021- March 2021
Replacement of existing web filter	December 2020- January 2021
Replacement of existing firewall	Spring 2020
Replacement of servers	October 2020
<b>Promote student leadership through voice and choice by providing personalized opportunities that develop problem-solving and decision making</b>	
Analysis of Brightbytes survey data used to provide guidance in instructional programming and supporting student access and use of technology for learning	2021-2022
Develop performance rubrics emphasizing instruction around the <a href="#">4Cs</a> specifically Communication, in year 1 and the other areas of the <a href="#">4Cs</a> in subsequent years (4Cs:Critical Thinking, Collaboration, Communication, Creativity)	2021-2022
Apple teacher training - Work with Vanguard teams to support a shift in instructional practice emphasizing student creation and choice	2020-2022

	Train staff to implement a curricular program focused on career exploration beginning in kindergarten and building through graduation, to expose students to the multitude of <a href="#">career pathways</a> available. This will work in conjunction with existing career exploration like Xello.	2021-2022
	Celebrate artifacts of learning and the process of creating those artifacts. Core areas tend to be highlighted. Sharing the instructional practices and products of learning in tech ed. FACE, art, etc. Highlight the problem solving skill development.	2021-2022
	Develop and publish curricular standards for career exploration beginning in kindergarten and building through graduation, to expose students to the multitude of <a href="#">career pathways</a> available. This will work in conjunction with existing career exploration like Xello.	2021-2022
<b>Terms/Abbreviations</b>	<b>Definitions</b>	
<b>4Cs</b>	"Four Cs": considered by most to be the four most important skills we teach for the 21st century students. They are critical thinking, creativity, collaboration, communication.	
<b>STEAM</b>	Science, Technology, Engineering, Art and Math	
<b>Vanguard Teams</b>	Apple's term for the instructional leaders within a district who receive training from Apple and then lead professional development training for their staff.	
<b>Career Pathway</b>	"Career Pathways": a small group of occupations within a career cluster-see example at this <a href="#">link</a>	
<b>LMS</b>	A "Learning Management System": technology that helps to organize, manage, and deliver instruction in an online environment, including options to help facilitate parent communication and access.	
<b>Xello</b>	is an engaging college and career readiness software that unlocks every student's potential by opening their eyes to future possibilities.	