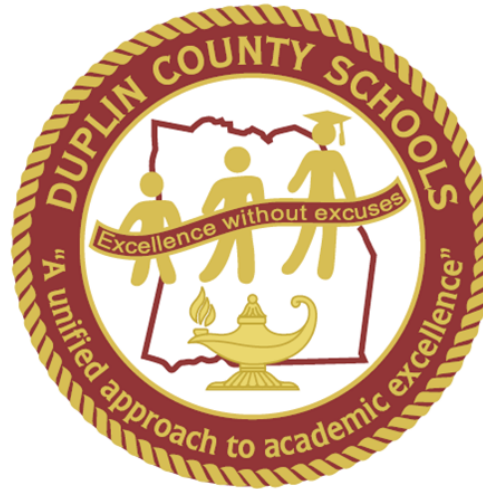


Duplin County Schools

2016-2020 Digital Learning Plan



Committee Members

Ashton Ballard, Student

Scott Ballard, Principal

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Jason Ginn, Director of Technology Services

Lindsay Ginn, Instructional Technology Facilitator

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Denise Humphries, Teacher

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Laura Thornton, Media Coordinator

Lee Woodard, Parent

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Focus Area One: Leadership

Focus Area Goal: A diverse district leadership team exists with a shared vision for goals and strategies that ensure continuous improvement based on on-going and varied data collection. The goals and strategies are integrated as core components of all other strategic plans and are communicated regularly with all stakeholders. In order to sustain digital teaching & learning goals, the district utilizes a comprehensive long-term funding plan and procurement procedures to ensure equitable digital content for all users. Policies have been adopted to support student-centered learning environments and digital teaching & learning. The district works to employ and develop administrator and teacher-leaders for digital teaching & learning. District and school leaders maintain a collaborative and transparent digital culture while serving as lead learners of digital teaching and learning and modeling effective use of high quality digital resources.

Current Ranking: 2015-2016 **Developing** 2016-2017 2017-2018 2019-2020

Alignment to Other Plans & Initiatives: Duplin County Schools 5-Year Strategic Plan Strategic Goal Three: Every student will be instructed & supported by excellent & innovative leaders, teachers, & personnel.

District Strategies	Evaluation Methods	Completion Date
Utilize a district digital teaching and learning committee to develop a shared vision for goals and strategies.	Meeting agendas and minutes	December 2016
Align district digital teaching & learning goals to the district strategic plan.	District & School Digital Learning Plan	August 2016
Educate all stakeholders regarding the district digital teaching and learning goals and strategies to promote and encourage support & implementation of DLP.	Meeting agendas and minutes	June 2017
Provide professional development for cabinet and school administrators to ensure modeling and effective use of seamless high-quality digital integration.	Professional Development Offerings Attendance Logs	August 2017
Utilize and continuously evaluate the district digital learning plan based on on-going and varied data collection.	Yearly Rubric Results Yearly Digital Learning Plan Updates	Ongoing Yearly
Investigate the use of current school-level personnel roles and responsibilities to determine where staff could be leveraged to meet the district digital teaching and learning goals	Modified job descriptions	June 2017
Develop specific exemplary questions that administrators could use during the interview and vetting process.	Interview Questions Distributed	February 2017
Integrate the DCS mobile app utilizing PowerSchool Parent Portal and Connect Ed features	Track number of accounts	December 2016
Implement social media use by the district utilizing the state professional guidelines for implementation.	Social Media Policy Social Media Followings	June 2017
Fund and utilize the digital sustainability plan and share with all stakeholders.	District Technology Purchasing Records District website	Ongoing
Collaborate with the finance committee to develop a long-term funding plan that evaluates district spending priorities and district allocation of funds.	Meeting agendas and minutes Budget Records	Ongoing
Continue to participate in HomeBase and MCNC services.	Usage Reports Invoices	Ongoing
Evaluate and procure digital resources and hardware through a collaborative effort among all departments lead by the curriculum team.	Evaluations Invoices Meeting agendas	Ongoing
Develop relations with external partners to secure additional funding for support of digital teaching and learning.	Grant applications, award letters and sponsorships	Ongoing
Investigate terms of use agreements.	Adoption of Terms of Use Agreement Policy	June 2018

Focus Area Two: Technology & Infrastructure

The district maintains a network that has the necessary Internet bandwidth and wireless connectivity to support all access needs. Systematic reviews of the network and replacement cycles exists to support the digital technology infrastructure and assure that all user's needs are met. Additionally, content filtering and single-sign gives administrators, teachers, and students the access to the necessary technology resources. In order for learning to continue outside of school setting, the district leverages partnerships to increase Internet access outside of school. A sustainability plan is utilized to increase the number of current end-user devices and create modern learning environments that promote digital teaching and learning. As the amount of technology increases, the district will continue to provide adequate technical support.

Focus Area Goal:

District Strategies	Evaluation Methods	Outcomes & Completion Date
Evaluate school network, Internet connection bandwidth, and wireless connectivity through on-going and varied data collection.	Performance Reports	Ongoing
Refresh network infrastructure and update as needed based on evaluation.	Performance Reports	Ongoing
Purchase devices for teachers and students based on the sustainability plan in order to decrease the student:device ratio.	Purchase Records Student:Device Ratio	Ongoing
Develop and promote a district Bring Your Own Device Plan.	BYOD Plan DCS Website	June 2017
Develop a district approved list of cost-effective interactive display options to ensure a learning environment conducive for digital teaching & learning.	District-wide interactive display option list	September 2016
Purchase interactive display systems in classrooms based on the sustainability plan.	Purchase Records Work Order System Records	Ongoing
Ensure that all facilities are equipped with sufficient power receptacles.	Meeting agendas for new facilities Plan for updating facilities	August 2017
Purchase peripheral devices that can be controlled by teacher and student devices.	Purchase Records	Ongoing
Ensure that all media centers have a flexible design to promote the use of the spaces as educational hubs for collaboration, makerspaces, & innovation.	Meeting agendas Media Center schedule Observation and Evaluation	August 2016
Ensure the all learning spaces (classroom, STEM Labs, Media Centers, etc.) provide individual and collaborative workspaces.	Media Center Observation	Ongoing
Work to increase the number of technicians as the amount of technology increases in our schools.	Device/Technician Ratio	Ongoing
Encourage and promote the use of the work order system.	Usage Reports	Ongoing
Investigate a system that will provide inventory & tracking of portable and fixed technology assets.	Evaluation records Invoice	March 2017
Continually update and evaluate the sustainability plan to ensure that routine & comprehensive replacement cycles exists for all technology devices and technology infrastructure.	Budget Reports Sustainability Plan	Ongoing Yearly
Continue to work with NCEdCloud and integrate additional applications as they come available.	Application Integration Report	Ongoing
Investigate options for authentication for all users which will allow for role-specific content filtering on and off campus.	Authentication System	August 2017
Encourage Internet providers to provide service in all areas.	Meeting Agendas	Ongoing
Encourage faith based organizations & other businesses in the area to offer free internet access.	Meeting agendas	Ongoing

Focus Area Four: Content & Instruction

Focus Area Goal:	In the district, the role of the educator has shifted to that of a facilitator in which instruction is driven by a variety of data. Administrators and teachers are proficient in the NC Digital Learning Competencies, and ensure that students are participating in digital learning activities the integrate critical thinking, communication, collaboration, and creativity skills. Teachers and students consistently use digital tools to personalize learning paths to reach all learners. The district works to secure and develop digital content and resources through a vetting process that allows students, teachers, and parents access anytime/anywhere. A district learning management system exists to assist teachers with organizing content, student activities, and tracking student progress.									
Current Ranking:	2015-2016	Developing	2016-2017	2017-2018	2018-2019					
Alignment to Other Plans & Initiatives:	Duplin County Schools 5-Year Strategic Plan Strategic Goal Two: All students will receive a personalized education through access to STEM, career, college, and digital learning. Duplin County Schools 5-Year Strategic Plan Strategic Goal Four: Develop & maintain strategic partnerships supported by 21st Century financial, business, and technology systems.									
District Strategies					Evaluation Methods		Outcomes & Completion Date			
District leaders and administrators drive the shift in the educator role to that of a facilitator in a digital learning environment through observation & evaluation.					Walkthrough Data		Ongoing			
Instructional Technology Facilitators, Media Coordinators, and Curriculum Specialists provide training and support for teachers and administrators to develop their proficiency in the NC Digital Learning Competencies.					PD Attendance Logs		Ongoing			
Create "model digital-learning classrooms" across the district and provide those teachers with intensive support in developing personalized data-driven digital learning practices, which will allow other teachers the opportunity to observe and implement digital learning strategies.					Surveys/Evaluations Model Classroom Observations		June 2017			
Increase student technology use within the classroom that focuses on personalized digital learning activities that integrate critical thinking, communication, collaboration, and creativity skills.					Walkthrough Data District PD Catalog		June 2017			
Utilize the district website to curate and communicate with all stakeholders the digital resources available to students, teachers, and parents.					DCS Website		Ongoing			
Utilize the applications available to students, teachers, and parents through NC Home Base (Parent Portal, Canvas Schoolnet)					Usage Records		Ongoing			
Purchase licenses for Canvas for students and teachers for full implementation in classrooms.					Invoices Licenses		August 2017			
Develop a district vetting process for schools in selecting and developing digital content.					Documented Process		June 2017			
Implement the use of Canvas, Schoolnet, and Safari Montage to share and customize teacher curated and/or developed digital content at the school and/or district level.					Usage Records District PD Catalog Content Records		June 2017			
Create flexible scheduling for media centers, so that media coordinators and ITF's may be a part of school level PLCs collaboratively plan and enhance instruction.					Media Center Schedule PLC Attendance logs and minutes		Ongoing			
Utilize Schoolnet to develop a district vetting process for teachers to share lessons and activities related to digital learning at their school and district.					District Instructional Resources Records from Schoolnet		June 2017			

