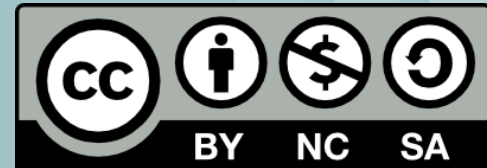


Digital Skills on a Shoestring

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Centennial Schools ISD 12



Welcome!

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District-wide Technology Integration Coach for
Centennial Schools ISD 12





CENTENNIAL
SCHOOL DISTRICT 12

- Serving the communities of Blaine, Centerville, Circle Pines, Lexington and Lino Lakes
- Five elementaries, one middle and one high school
- 6,400 students, 17% free and reduced lunch
- 97% graduation rate
- Very little business or industry for tax base

K-5 “Cybrary”

History:

- Replaced two positions: Media Specialist and Computer lab para teacher
- Is written to require only a K-5 teaching license, not specialty MLIS or tech.
- Meets one 30 minute block each week
- Did not have a curriculum, standards or any units across buildings

Now:

- ISTE based scope and sequence
- Facilitated PD time



Scope & Sequence Sample

A	B	C	D	E	F	G	H	I	J	
	Subsection	Skill	K	1	2	3	4	5	6	
1. Empowered Learner: Students leverage technology to take an active role in choosing, achieving and demonstrating competency in their learning goals, informed by the learning sciences	A. Articulate and set personal learning goals, develop strategies leveraging technology to achieve them and reflect on the learning process itself to improve learning outcomes	Map out a project: set a schedule and reflect on the final						I		
	B. Build networks and customize their learning environments in ways that support the learning process	Join a Schoology course and communicate appropriately			I		I / R	R	M	
	C. Use technology to seek feedback that informs and improves their practice and to demonstrate their learning in a variety of ways.	Share a document with a peer or teacher for feedback					I	R	M	
		Place digital artifacts in folders or portfolio for sharing			I		R	R	M	
	D. Understand the fundamental concepts of technology operations, demonstrate the ability to choose, use and troubleshoot current technologies and are able to transfer their knowledge to explore emerging technologies	Basic Keyboarding (Ultra Key, Dance Mat, KB Climber)			I	I	R	R	R	
		Using links, windows etc	I	R	R	M				
		Use basic editing functions: Fonts, spell check etc		I	R	R	M			
Mouse / Trackpad Skills		I	R	R	M					



5th Grade exit goals



- Log into and navigate a Schoology course
 - Join a course given the code
 - Use appropriate behavior and language
 - Find a quiz / file in the Materials section
 - Submit an assignment via upload or link
- Log into their ISD 12 Google account and:
 - -Create a Google Doc
 - -Create a Google Slide Presentation
 - Find a file that was Shared with them
- Use the Destiny Library System
- Define and Display Digital Ethics / Citizenship
- Critically evaluate resources and message
- Complete basic Digital Research
- Understand Basic Computational Thinking / Computer Science Concepts

Logistics of DS

- District adoption of Schoology made Blended Learning an option
- Admin created a building schedule to support 30 min class time
- 1 team per Quarter (6-8)
- 5 labs- A-E rotation for Florin, Co-teaching with DS teacher
- 3 types of days-Florin, Flipped, and Keyboarding (Keyboardingonline.com)
- I do the grading for DS for the quarter
- Extra help available the first week is a must!



My Schedule

Quarter 1

September 2017

Mon	Tues	Wed	Thurs	Fiday
	5 LC-week 1	6	7 C202-week 1	8 C206-week 1
11 C128-week 1	12 C134-week 1	13	14 LC-week 2	15 C202-week 2
18 C206-week 2	19 C128-week 2	20	21 C134-week 2	22 LC-week 3
25 C202-week 3	26 C206-week 3	27	28 C128-week 3	29 C134-week 3

October 2017

2 No School for Students	3 LC-week 4	4	5 C202-week 4	6 C206-week 4
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Lab Schedule

Learning Commons Quarter 1 September 2017

Mon	Tues	Wed	Thurs	Friday
	5 Florin-week 1	6 Team Day	7 Flipped-week 1	8 Keyboarding
11 Keyboarding	12 Keyboarding	13 Team Day	14 Florin-week 2	15 Flipped-week 2
18 Keyboarding	19 Keyboarding	20 Team Day	21 Keyboarding	22 Florin-week 3
25 Flipped-week 3	26 Keyboarding	27 Team Day	28 Keyboarding	29 Keyboarding

October 2017

2 No School for students	3 Florin-week 4	4 Team Day	5 Flipped-week 4	6 Keyboarding
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Digital Skills Teacher Guide

Quarter	Team
1	601, 701, 801
2	602, 702, 802
3	603, 703, 803

Content Area	Lab Assignment
ELA	Learning Commons
Science	C206
Social Studies/Global Studies	C202
Specialist	C134
Math	C128

Each lab will have a calendar to show you if you are on Florin, Flipped, or Keyboarding day. These calendars are also available in Schoology.

Attendance:

Please take attendance each day at the start of Digital Skills Class (even the Florin days)

Florin Day:

Florin will be delivering instruction. You can help with behavior monitoring and enjoy the show! This lesson will help you support the students on the Flipped Day.

Flipped Day:

Students log into Schoology and go to the DS course. If needed, remind them which week we are working on (they can check the calendar posted in the course or the due date in their Schoology calendar). The activities are all explained in the Flipped folder for that week. If needed, Florin day materials are available in the Florin folder for that week

Keyboarding Days:

Students log into Schoology and go to the DS course. Click on Keyboarding folder for login and directions. Monitor behavior and support students. Please see [Keyboarding Teacher Guide](#) for more info

Teacher Guide- all staff and subs have access to this

Topics Covered

- Google/Schoology basics review
- Password Safety
- Digital Footprint
- Cyberbullying
- Copyright/Fair Use/Plagiarism
- Power of Images/Citing images
- Online Databases and credibility of sources
- Personal vs Academic/Professional Profiles (7th)
- Sexting (8th)
- Digital Portfolios (8th)





Content and Materials

Created Materials

- Word Processing Activity
- Images Search and Citation
- “Choose Your Own Adventure” story via Google Forms
- Formative assessments via Schoology Quizzes

Found / Purchased Materials

- Common Sense Media
- ProfessorGarfield.org
- YouTube videos
- Keyboarding Online
- Rosen Interactive E-Books



Pitfalls and Adjustments

- Staff pushed back-blamed me for one more thing
- Required trust on both sides
- More PD was needed for Keyboarding-have in-person training
- 3 different technology platforms caused problems--also filter issues
- More tech needed because labs are used 4th hour daily-fundraisers and donations allowed this to happen



Moving Forward...



- Additional content added to middle school ‘flipped’ days
- Looping in the High School / Extending the scope and sequence
- Connecting the outcomes to Advisory tasks
 - Portfolios
 - Resumes
 - Community outreach

Questions and Time to Ponder

