

Wilson Area School District Planned Course Guide

Title of planned course: Technology

Grade Level: 3

Course Description: Students will increase knowledge of basic Google Chromebook operations, concepts, application, and online safety.

***Please note:**

- Click on the **blue links** throughout the document to access the suggested templates and links.
- Items in **red** will be completed during library class time by the library teacher. Classroom teachers are not responsible for teaching these skills but are encouraged to reinforce them.

Suggested Sequence: Grade 3

Major focus on Google Docs/Typing

** The following is a **suggested sequence** of skills and activities, which will allow students to meet all of the objectives in the curriculum. As an educator, please do what is best for your students given your grade-level academic curriculum and pacing.**

	Major Themes	Minor Themes/Activities
September	Expectations	Chromebook Slides
		WASD Acceptable Use Policy
	Logging in to Google	Log-in Boot Camp if needed
	Google Classroom	Join class; navigate using links provided
	Google Docs	Google Docs Scavenger Hunt
		Create, name, and share a new document as directed
		Complete writing assignments in Google
	Typing	Fill in the Home Row keys on a blank keyboard
Worksheet for students to label/color homerow keys		
Internet	Navigate a browser (back, forward buttons, and tab) as directed by teacher	
October	Google Docs	Type vocabulary list & insert images (change image properties)
		Vocabulary List Typing/Image activity
		Input spelling words for extra typing/editing practice
	Google Drive	Locate student and shared files
	Typing	Introduce typing skills using https://www.typingclub.com (allot 25 min per week)
Digital Citizenship	Unit 1 lesson 1 of 3-5 Digital Citizenship curriculum	
November	Google Docs	Edit a document with several sentences/ paragraphs of text with capitalization and punctuation errors
		Editing assignment
	Google Classroom	Respond to multiple choice survey/exit ticket style questions and short-answer discussion questions
	Digital Citizenship	Unit 1 lesson 2 of 3-5 Digital Citizenship curriculum

	Typing	Continue typing skills using https://www.typingclub.com (allot 25 min per week)
December	Google Docs	Insert drawings (text box, shapes, word art, graphics) using poster/flyer assignment Poster/Flyer Assignment
	Digital Citizenship	Unit 1 lesson 3 of 3-5 Digital Citizenship curriculum
	Typing	Continue typing skills using https://www.typingclub.com (allot 25 min per week)
January	Digital Citizenship	Unit 1 lesson 4 of 3-5 Digital Citizenship curriculum
	Typing	Continue typing skills using https://www.typingclub.com (allot 25 min per week)
February	Google Slides	Create a brochure using a teacher provided template
	Digital Citizenship	Unit 1 lesson 5 of 3-5 Digital Citizenship curriculum
March	Google Slides	Create a 4-slide Google Slides presentation on an assigned topic (uses text and graphics); class presentations when finished
	Research Practices	Use a search engine to find answers to content-related questions (for Google Slides presentation); Focus on using keywords to search
	Typing	Continue typing skills using https://www.typingclub.com (allot 25 min per week)
April	Typing	Continue typing skills using https://www.typingclub.com (allot 25 min per week)
May	Typing	Continue typing skills using https://www.typingclub.com (allot 25 min per week)
	Coding	Basic exposure to coding via Hour of Code (code.org)

Curriculum Scope & Sequence

Title of planned course: Technology

Grade Level: 3

Unit: Basic Chromebook Operations and Concepts

Essential content/objectives: At end of the unit, students will be able to:

- Efficiently log in to and sign out of Google
- Demonstrate proficiency in pointing, clicking, dragging, using mouse pad
- Locate and use all keys on the keyboard and use left-right hand placement to type
- Print assignments using assigned printer
- Navigate through Google Apps, including Drive, Docs, Slides, and Classroom
- Demonstrate proper use of Chromebook equipment

Core Activities: Students will complete/participate in the following:

- Log-in Boot Camp: practice logging in 10 times on 3-4 different occasions as needed
- [Google Docs Scavenger Hunt](#)
- Fill in the Home Row keys on a blank keyboard and use typing website (<https://www.typingclub.com>) to practice typing proficiency.
 - **Explicit typing instruction is introduced in grade 3. Allot a **minimum of 25 minutes** of practice per week.
 - Program is self-paced, so students can practice independently for morning work, during library, as an early finisher, at home, etc.
- Input spelling words into Google Docs which provides an opportunity for typing and editing skills.
- Editing assignment: Prepare a document with several sentences/ paragraphs of text with capitalization and punctuation errors. Have students edit this document. See [example assignment](#).
- Join teacher-created Google Classroom. Independently navigate posted hyperlinks. Answer teacher-assigned multiple choice survey/exit ticket style questions and short-answer discussion questions.
- Create, name, and share a new document in Google Docs and Slides.

Instructional Methods:

- Demonstration
- Explicit instruction
- Activities

Assessments:

- Teacher created assessments
- Observations

Curriculum Scope & Sequence

Title of planned course: Technology

Grade Level: 3

Unit: Chromebook Applications

Essential content/objectives: At end of the unit, students will be able to:

- Demonstrate word processing skills during writing activities using the writing processes in Google Docs
- Use the following icons on standard toolbar:
 - Review: Font name, size, color, style
 - Introduce: Insert (images, drawing); Tools (spell check); zoom
- Format and manipulate images and graphics into a document
- Create a Google Slides presentation that has text and images.
- Present a Google Slides presentation
- Use Google Classroom to navigate links and answer multiple choice and short-answer discussion questions
- Print assignments using assigned printer
- Use coding to complete a task
- Use third grade level technology vocabulary (see Grade Level Vocabulary Appendix for specific terms)

Core Activities: Students will complete/participate in the following:

- Complete writing assignments using Google Docs, in which students use proper capitalization, punctuation, spacing, and spelling (using spell check)
 - Reinforce double space after end punctuation for each sentence
 - Instruct students to print completed assignments.
- Type a vocabulary list from any content area, locate and insert a graphic image that illustrates the concept. See [example assignment](#).
- Create a poster/flyer advertising a new invention, place, or event; another option is a wanted poster; Poster/flyer should include shapes, text, word art, and graphics. See [example assignment](#).
 - Explicitly teach students to draw shapes and wrap text and images
- Create a brochure using Google Slides. See example templates below. Search web for other free templates.
 - Sample Topic Ideas
 - Travel brochure/famous landmark
 - [State project](#)
 - [Animal study](#)
 - [Informational brochure](#) about your class for next year
 - ^^Click the link for information & a free template
- Create a 4-slide Google Slides presentation on an assigned topic. Include a title slide. Insert text and a graphic into each slide. Present this to the class.
 - **Google Slides will be taught during library class time with library teacher.**
 - Sample Topic Ideas
 - Novel summary- choose 3 or more important scenes from a book. Insert a text summary and an image for each.

- [About Me](#)-describe family, favorites (food, color, etc.), activities, school related topics, vacations
- [Water Cycle](#)-show the stages in the water cycle
- Click [here](#) for other ideas

*Any content-related topic (Science, social studies, reading)

- Join teacher-created Google Classroom. Independently navigate posted hyperlinks. Answer teacher-assigned multiple choice survey/exit ticket style questions and short-answer discussion questions
- The Hour of Code or other coding activity ([code.org](#))
 - This coding activity is a **basic exposure** to computer programming. Consider incorporating a coding activity around the holidays or at the end of the year.

Instructional Methods:

- Demonstration
- Explicit instruction
- Activities

Assessments:

- Teacher created assessments
- Observations

Curriculum Scope & Sequence

Title of planned course: Technology

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Unit: Internet Applications and Safety

Essential content/objectives: At end of the unit, students will be able to:

- Perform internet searches using approved hyperlinks
- Understand their responsibilities as digital citizens
- Explain concept of copyright
- Learn appropriate ways to deal with cyberbullying
- Experiment with different keyword searches and compare their results.
- Distinguish between personal information, which is safe to share online, and private information, which is unsafe to share
- Understand the Acceptable Use Policy

Core Activities: Students will complete/participate in the following:

- Research project involving finding answers to content-related questions. Focus on the idea of using keywords in the search.
 - **Research to be conducted during library class time with library teacher.**
- Cyberbullying [lessons](#)/activities
- Cyber citizenship and safety online (by watching videos, participating in activities, lessons); Grade 3 should complete Unit 1 of [3-5 Digital Citizenship curriculum](#) (5 lessons)
 - **Lessons 1-4 to be completed during scheduled library class time; Classroom teacher is responsible for lesson 5**
- FBI Online [safety lessons](#)

Instructional Methods:

- Demonstration
- Video
- Explicit instruction
- Activities

Assessments:

- Teacher created assessments
- Observations

Appendix A:

Technology Related Vocabulary: Grade 3

1. **Cite sources** – give credit for information used
2. **Crash** – when a computer suddenly stops working
3. **Data** – information that you input to a computer, or that the computer outputs
4. **Database** – information stored in a file
5. **Graphics** – pictures
6. **Hardware** – the parts of the computer that you can see and touch
7. **Home row keys** – keys where fingers rest when typing
8. **Hyperlinks** – clicking on text or images that connect you to other text or images
9. **Network** – a system of interconnected computers
10. **Search engine** – software that makes it possible to look for and get material on the internet
11. **Slide show** – a presentation containing more than one slide

Appendix B:

Technology Links and Resources: Grade 3

*Click on the **blue links** to access the templates and links.

Sample Curriculum Assignment Templates

****If you use the provided templates, please click "File">> "Make a Copy," to create your own copy in your Drive.**

- [Rules and Expectations for using the Chromebook Google Slides Presentation](#)
- [Google Docs Scavenger Hunt](#)
- [Google Slides Scavenger Hunt](#)
- [Using Google Shortcuts](#)
- Sample Google Slides Brochure Ideas
 - [State project](#)
 - [Animal study](#)
 - [Informational brochure](#) about your class for next year (click for info and free template)
- [Grade 3-4 About Me Google Slides](#)
- [Grade 3 Water Cycle Google Slides](#)
- [Grade 3 Editing](#)
- [Flyer/Poster using word art, images, shapes](#)
- [Vocabulary Table](#)
- [ABC Book Template in Google Slides](#)

Grades 3-4 Resources

- [Keyboard labeling worksheets](#)
- [Webquest creator and search tool](#)
- [Quill.Org](#) - free writing and grammar activities
- [NoRedInk](#) - more writing and grammar activities; differentiated for students with sentences and material based on student interests; many free assignments/activities, but a subscription required for full access
- [ReadWorks](#) - library of nonfiction and literary articles with quizzes; able to print or assign digitally; differentiated levels available
- [ReadWriteThink](#) - Excellent free resource for all things reading and writing: lesson plans, printables, interactive activities, support
- [Newsela](#) - assign articles related current events and every subject; differentiated levels available
- [Daily Writing Prompts](#) - writing prompts for every day of the year, with many focused on monthly events (ex. Holidays, special birthdays, etc.)
- [Every-Day Edits](#) - collection of short paragraphs with grammatical errors for students to edit; organized by month, with many focused on monthly events. Great practice for students!

Sites and Apps for All Grades (by Subject)

- **Technology**
 - [The Chromebook Academy](#)
 - Google Site with a ton of resources (great for typing tutorials, worksheets, among other resources)

- [K5 Technology Lesson Plans](#)
 - Amazing Resource! Grade level lesson plans, iPad integration, and great **templates/graphic organizers** for **Google-based** projects (slides, sheets, etc.)
- [Google Apps](#)
 - [Google Docs Scavenger Hunt](#)
 - [Google Slides Scavenger Hunt](#)
 - [Google Slides Cheat Sheet](#)
 - [Making Digital Books using Google Slides](#)
 - [Google Classroom Tutorials and Blog Posts with Alice Keeler](#)
- [Keyboarding Games](#)
- **Presentation/Instructional Sites/Apps**
 - [Nearpod.com](#) - Interactive PowerPoint type presentations (free to sign up, many free presentations to download, and free to create your own--limited storage under the free subscription)
 - [LearnZillion](#) - videos and lessons plans to provide extra practice or instruction for students in math and language arts; great for flipping the classroom
 - Edpuzzle - Create Interactive videos; Find/create a video on youtube, crop a video, explain it with your own voice and embed quizzes at any time
 - [Educreations](#) - create video lessons to provide extra practice or instruction for students; students can create as a means of assessment; great for flipping the classroom
 - [Screencastify](#) - (Chrome Extension)-record your entire desktop, an application, current browser tab or just your webcam and add narration; great for flipping the classroom
- **Assessments/Study tools**
 - [Kahoot!](#) - game-based learning and trivia platform perfect for quiz/test reviews
 - [Socrative](#) - great formative assessment or test review site; launch quizzes, space race games, or exit tickets; see responses in real time
 - [Quizizz](#) - another interactive formative assessment too; self-paced quizzes to review, assess, and engage—in class and at home.
 - [Quizlet](#) - Digital vocabulary flash card creator
 - [GoFormative](#) - awesome formative assessment tool; similar in a way to Google Forms, but with so many more capabilities
 - [Padlet](#) - online bulletin board site and app; great for sharing notes with group work. Assign discussion questions, exit tickets, and Do Now activities
- **Cross-curricular**
 - [Interactive Sites for Education](#) - comprehensive list of interactive games and sites organized by subject; TONS of awesome activities and games!
 - Includes math, science, social studies, language arts, music, art, brain teasers, Spanish, typing, and holiday-based activities
 - [MrNussbaum](#) - comprehensive list of interactive games and sites organized by subject; TONS of awesome activities and games
 - [FuelTheBrain.com](#) - collection of printables and interactive games organized by subject; also has teacher articles/guides; students can create their own mini books
 - [ABCya](#) - comprehensive list of interactive games and sites organized by subject

- [TurtleDiary](#)- games, videos, printables, quizzes, and teaching tools organized by subject
- [PrimaryGames.com](#) - despite the title, this site has tons of games and lessons for grades pk-6
- [Boom Learning](#) - self-checking digital task cards (a lot of free sets, but many require purchase (available on Boom or Teachers Pay Teachers); if you use task cards, you have to try Boom!
- [Quia](#) - interactive activities and quizzes for virtually every subject/topic imaginable; many free assignments/activities, but a subscription required for full access; Flash player required
- **Science**
 - [American Museum of Natural History - Kids Ology](#): games, stories, videos, and hands on activities related to and organized by different science topics
 - [Scholastic Study Jams](#) - videos, songs, quizzes for every science topic imaginable
 - [Lawrence Hall of Science](#) - well-designed and highly educational science activities and investigations
 - [Explore Live Web Cams](#) - live webcams that show countless animals and habitats; some videos have narration and speaking from experts
 - [Arkive.org](#) - tons of engaging videos, lessons, games, and activities related to animal species and nature
- **Math**
 - [ProdigyGame](#) - video game style math game, involving fantasy, battles, wizards, etc. Curriculum aligned and student approved. Super engaging!
 - [Math Games](#) - fantastic resource for practicing Common Core math skills; organized by topic and grade
 - [Freckle](#) - aka Front Row; assign or have students work through various math concepts, as well as math fact practice
 - [Sumdog](#) - Math & ELA standards aligned adaptive learning for grades K-8; math is free to use, ELA requires subscriptions
 - [Khanacademy](#) -assign standards-aligned practice, videos, and articles.
 - [NCTM Illuminations](#) - lessons and interactive activities, aligned with either NCTM or Common Core Standards; organized by grade level/topic; a lot of the interactive activities are free to use, but many of the lessons require an NCTM membership
 - [Scholastic Study Jams](#) - videos, songs, quizzes for countless math topics
- **Language Arts**
 - [ReadWorks](#) - library of nonfiction and literary articles with quizzes; able to print or assign digitally; differentiated levels available
 - [ReadWriteThink](#) - Excellent free resource for all things reading and writing: lesson plans, printables, interactive activities, support
 - [Newsela](#) - assign articles related current events and every subject; differentiated levels available
 - [Freckle](#) - aka Front Row; assign or have students work through comprehension passages, but also word study/vocabulary, and individual skill work

- [TheStoryStarter](#) - site that generates random story starters to give your students a start to a creative story.
- [Storybird](#) - site for students to create their own digital storybooks
- **Music and Art**
 - [MetKids](#)
 - [ArtsEdge](#)
 - [Virtuoso](#)- digital keyboard iTunes and Google Play app
 - [TheColor.com](#)- online digital coloring pages
- **Safe Research Sites**
 - <http://www.kidzsearch.com/>
 - <http://quinturakids.com/>
 - <http://kidrex.org/>
 - <http://kidsclick.org/>
 - http://www.squirrelnet.com/search/Google_SafeSearch.asp
- **ESL**
 - [Manythings.org](#)- website designed for people studying ESL; There are quizzes, word games, word puzzles, proverbs, slang expressions, anagrams, a random-sentence generator and other computer assisted language learning activities.
 - [EnglishMediaLab](#)-website designed for people studying ESL; There are reading, vocabulary, and grammar lessons, interactive activities, games, puzzles, and pronunciation tips
- **Coding**
 - [Code.org](#)
 - [Scratch](#)

Digital Citizenship and Internet Safety

- [Acceptable Use Policy](#)- student-friendly Acceptable Use contract for students to sign at the beginning of the year
- [Common Sense Education: Digital Citizenship](#)
 - Resource for digital citizenship lessons plans, games, assessments, posters, ideas. Free to sign up and use (so many incredible resources!)
- [FBI Safe Online Searching](#) (grades 3-8)
 - Lessons embedded in interactive games
- [Youtube Channel: Planet Nutshell- NetSafe](#)
 - Short videos (2-3 minutes) of various Internet safety concepts and rules, organized by grade level (k-3, 4-6)
- [Youtube Channel: Common Sense Education](#)
 - Digital Citizenship and Media Literacy: Short videos (1-4 minutes) of various Internet safety concepts and rules (geared for older students, but you may find something you want to use)
 - Tech tips and resources for teachers

- [Nearpod.com](https://nearpod.com)
 - If you use Nearpod (iPad app or Web), there are a lot of free Digital Citizenship presentations you can use. Just search “Digital Citizenship”
- [Digital Citizenship Poster](#) (upper grades)