5th Grade Digital Competency
Minimum Standards
What every fifth grade student should be able to do on their ipad by the end of the school year

IPAD Basics

● Students learn the correct way to turn off the IPAD. ● Students learn how to reset/reboot the IPAD. ● Students learn how to organize their apps into themed folders on their homescreen.	● Students learn how to multitask by having apps running in the background and using the home button to switch back and forth. ● Students learn how to close apps running in the background.	● Students learn how to add apps to the ipad dock. ● Students learn how to take a screenshot. ● Students learn tips for conserving battery life and charging faster.	● Students know how to use the features of the control center. ● Students know how to use Spotlight Search. ● Students know how to use Zoom feature. ● Students know how to split keyboard.

Word Processing   What integration could look like in content areas…

A. Students demonstrate the ability to use the ipad keyboard to type answers to essay type questions. B. Students demonstrate the ability to use the ipad keyboard to type complete paragraphs and reports. C. Students can insert images/graphics/multimedia into their reports.	**Computer Science Standard** 3-5.NC.2 Use productivity technology tools(word processing, spreadsheet, presentation software) for individual and collaborative writing, communication, and publishing. **You could use:** Pages, Numbers, Keynote, Canvas, Google Docs	**Language Arts Standard** 5.W.4 The Writing Process Generate a draft by developing, selecting and organizing ideas relevant to topic, purpose, and genre; revise to improve writing and edit writing for format. Use technology to interact and collaborate with others to publish legible documents. **You could use:** Pages, Keynote, Canvas, Google Docs
		Social Studies Standard 5.2.7 Identify the three branches of the United States government and explain the functions of each. You could use: Pages, Keynote, Canvas, Google Docs

Web Browsing   What integration could look like in content areas…

A. Students learn to perform online searches using search engines, such as Google and Bing, and use search best practices. B. Students learn to evaluate the accuracy, relevance, and biases that occur in electronic information sources. C. Respecting copyright and giving credit.	**Computer Science Standard** 3-5.IC.3 Evaluate the accuracy, relevance, appropriateness, comprehensiveness, and biases that occur in electronic information sources. **You could use: Google, Bing, World Book, Google Scholar**	**Social Studies Standard** 5.1.3 Compare and contrast historic Indian groups of the West, Southwest, Northwest, Arctic and subArctic, Great Plains, and Eastern Woodlands regions. **You could use:** Google/Bing/World Book to have students complete online research then share out.

Resources to help:
Google Search Lesson Plans
Key to Keywords
Reliable Sources
Helping students become better online researchers

Spreadsheets

What integration could look like in content areas...

A. Students can enter, track, organize, and present data within a spreadsheet. B. Student knows basic mathematical functions. C. Students can read and understand data presented in a spreadsheet and draw conclusions or learnings.	**Computer Science** 3-5.NC.2 Use productivity technology tools (e.g., word processing, spreadsheet, presentation software) for individual and collaborative writing, communication, and publishing activities. **You could use:** Numbers app Basics of Numbers app Google Sheets	**Math Process Standard** PS.4 and PS.5 Mathematically proficient students use tools such as graphs, charts, formulas, spreadsheets, and a computer algebra system. **You could use:** Numbers app Google Sheets	**Math standard** 5.M.3 Develop and use formulas for the area of triangles, parallelograms and trapezoids. Example: https://www.icloud.com/numbers/0sjezqhPj_Q0ILhXHyONnqTyw#Blank Give the students some shapes with dimensions and have them set up a table with the formulas for area. **You could use:** Numbers app Google Sheets

Presentations

What integration could look like in content areas...

A. Students create a presentation using best practices, effective language, and appropriate images. B. Students prepare, troubleshoot, and give a live presentation to their class(or via video collaboration) while using a digital presentation tool.	**Computer Science Standard** 3-5.NC.2 Use productivity technology tools (e.g., word processing, spreadsheet, presentation software) for individual and collaborative writing, communication, and publishing activities. **You could use:** Keynote, Imovie, Itrailer, Notability, Showme, Prezi, Haiku Deck, Zoom	**Science Standard** 5.ESS.1 Analyze the scale of our solar system and its components: our solar system includes the sun, moon, seven other planets and their moons, and many other objects like asteroids and comets. **You could use:** Keynote, Imovie, Notability, Google Slides, or even Prezi to have students build a digital model of our solar system to present to the class with awesome animation, graphics, and information.	**Language Arts Standard** 5.W.3.1 The Writing Process Write persuasive compositions in a variety of forms **You could use:** Keynote, Imovie, Notability, Google Slides, or even Prezi to have students build a persuasive presentation with cool graphs/charts that use data they found to help persuade the audience.