WHAM'S COMPUTER/TECH LAB 2018-2019 YEAR AT A GLANCE FOR GRADES 3-5

Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6
Digital Citizenship: acceptable use, copyright, plagiarism, and online safety	**Digital Literacy: Basic computer operations, keyboarding, google docs, slides, and sites**	**Digital Literacy: Communication and Collaboration**	**Foundations of computer science and coding**	**Digital Literacy: Spreadsheets**	**Digital Arts (STEAM) and Virtual Field Trips**
August 9 – August 24 2 sessions	August 27 - October 19 8 sessions	October 22 – November 16 4 sessions	November 26 - December 18 3 sessions	January 7 - February 5 8 sessions	February 11 – March 22 5 sessions
In this unit, students will explain responsible uses of technology and digital information and describe possible consequences of inappropriate use. Students will also understand fair use guidelines for the use of copyrighted materials.	In this unit, students will utilize basic computer operations such as turning on a computer and logging in, using a mouse, use desktop icons, how to manage files and save documents, locate and use correct finger placement on the keyboard, copy and paste images, proofread and edit writing, insert and size a graphic, etc.	In this unit, students will work collaboratively online with other students and under teacher supervision, use a variety of district approved online tools such as google groups and blogs to communicate with peers, experts, and other audiences, use a variety of media to present information for specific purposes such as research papers citing sources, etc.	In this unit, students will understand the language of computers. Students will unplug from the computers and learn the foundations of computer literacy.	In this unit, students will demonstrate and understanding of the spreadsheet as a tool to record, organize, graph, and analyze information. Students will identify and explain terms and concepts related to spreadsheets, enter and edit data, use mathematical symbols/formulas, and analyze data.	In this unit, students will use painting and drawing tools and applications to create and edit work, and use virtual field trips to explain science phenomenon or historical perspectives.
CULMINATING TASK: Create a digital citizen super hero with "internet" powers.	**CULMINATING TASK:** Create a digital portfolio using google sites.	**CULMINATING TASK:** Research an anchor phenomenon in science or historical contexts in social studies and communicate findings.	**CULMINATING TASK:** Hour of Code Binary name necklaces	**CULMINATING TASK:** Organize, calculate, and graph grades (turning a spreadsheet into a personal gradebook)	**CULMINATING TASK:** Plan your dream vacation.

Resources: ISTE (International Society for Technology in Education), LDOE Digital Technology Readiness, Common Sense Media, CS Unplugged
As we matriculate through each unit, there will be overlapping and spiraling in order to reinforce concepts. In addition, each unit will integrate cross curricular content.