Syllabus Technology Lab 2018 - 2019
Cheryl Brown-Greene

Technology class students will use the Massachusetts Digital Learning Standards as a guide for all computer lessons, activities and projects.
http://www.doe.mass.edu/frameworks/dlcs.pdf

Vision
Digital Literacy and Computer Science (DLCS) knowledge, reasoning, and skills are essential both to prepare students for personal and civic efficacy in the twenty-first century and to prepare and inspire a much larger and more diverse number of students to pursue the innovative and creative careers of the future. The abilities to effectively use and create technology to solve complex problems are the new and essential literacy skills of the twenty-first century.

Learning Progression				
Grade Spans	**Strands**			
K-2 3-5 6-8 9-12	**CAS: Computing and Society** a. Safety and Security b. Ethics and Laws c. Interpersonal and Societal Impact	**DTC: Digital Tools and Collaboration** a. Digital Tools b. Collaboration and Communication c. Research	**CS: Computing Systems** a. Computing Devices b. Human and Computer Partnerships c. Networks d. Services	**CT: Computational Thinking** a. Abstraction b. Algorithms c. Data d. Programming and Development e. Modeling and Simulation
Practices: Connecting, Creating, Abstracting, Analyzing, Communicating, Collaborating, Research				

These Digital Learning Standards will be used with students based on classroom curriculum activities with a focus on improving computer operations, desktop publishing, online safety, Internet research and computer programming skills.

Specific skills students will learn and review using Google Apps
Modified from Joint School District #2

Basic Computer

- How to login and logout of a network
- Proper hand and body position at the computer
- General computer terminology and skills
- proper use and care of computer hardware
- identify computer parts and their uses

Keyboarding

- Identify numbers and letters on the keyboard
- Qwerty
- Home row keys
- Caps lock, shift, enter and spacebar keys
- Use Keyboarding skills to improve speed and accuracy

Word Processing
- Enter simple/complex text on a document
- Identify and use appropriate keys to edit text
- Format text by choosing font color, styles, size and alignment
- Use appropriate application tools to edit work
- Insert pictures and graphs into document

Internet Usage and Online Safety

- Understand and practice the BPS Acceptable Use Policy
- Appropriate use of technology at school and at home
- Practice and learn how to stay safe using the Internet through Digital Citizenship activities

Online Assessment and Research

Computer Programming

Google Applications

- Docs, Slides, Sheets, Mail, Drive and Classroom

For more information about what your child is learning in Technology Class please contact

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You can also find out what your child is learning by visiting Mrs. Greene's Technology Lab at http://www.mlstechlab.weebly.com