GRADE 6 – Technology Unit 1

Mission Statement
The primary goal of the Swedesboro-Woolwich School District is to prepare each student with the real life skills needed to compete in a highly competitive global economy. This will be achieved by providing a comprehensive curriculum, the integration of technology, and the professional services of a competent and dedicated faculty, administration, and support staff. Guiding this mission will be Federal mandates, including No Child Left Behind, the New Jersey Core Curriculum Content Standards, and local initiatives addressing the individual needs of our students as determined by the Board of Education. The diverse resources of the school district, which includes a caring PTO and active adult community, contribute to a quality school system. They serve an integral role in supporting positive learning experiences that motivate, challenge and inspire children to learn.

Unit/Module Overview
In unit 1, students will learn to: ● Sixth-Grade students will learn how to use a blended learning program. This platform will be used to access assignment directions, create and complete assignments, and turn in assignments when completed. The assignments will also be graded through the platform. The students will be able to collaborate using the blended learning platform and the teacher will be able to monitor work, answer questions, and help students as needed. Students will also learn how to conduct research, cite sources, and evaluate sources from the internet.

Standards Covered in Current Unit/Module
Related Standards and Learning Goals
CS.6-8.8.1.8.AP.2 - Create clearly named variables that represent different data types and perform operations on their values.

CS.6-8.8.1.8.AP.6 - Refine a solution that meets users' needs by incorporating feedback from team members and users.

CS.6-8.8.1.8.DA.1 - Organize and transform data collected using computational tools to make it usable for a specific purpose.

CS.6-8.8.1.8.DA.3 - Identify the appropriate tool to access data based on its file format.

CS.6-8.8.2.8.ED.7 - Design a product to address a real-world problem and document the iterative design process, including decisions made as a result of specific constraints and trade-offs (e.g., annotated sketches).

Unit/Module Weekly Learning Activities and Pacing Guide			
Topic & # Days	**NJ Standards**	**Critical Knowledge & Skills**	**Possible Resources & Activities**
Week 1	● **CS.6-8.8.1.8.DA.1**	**Obj. We are learning to**: ● understand and use technology systems.	Welcome/Introduction to Class The teacher will introduce the expectations and routines for the class. Rules will be reviewed, seats assigned. Students will log on to Windows on their PC's using the correct username and password. The teacher will then introduce the blended learning platform that will be used in technology and all subject areas. The teacher will guide the students through the blended learning platform and then distribute usernames and passwords to students. Students will access and log on to the platform.

Week 2	● **CS.6-8.8.1.8.DA.1**	**Obj. We are learning to**: ● understand and use technology systems. ● use digital media and environments to collaborate **Suggested Formative Assessment(s)**: ● Keyboarding Skills: Online Keyboarding Test	Review of expectations and routines will take place at the beginning of class. Students will access and log on to their blended learning platform account. Students will then learn how to find assignment directions, goals, and due dates in the platform. Students will also access an online typing program to review how to practice keyboarding skills. Grade level rubrics for these skills will be reviewed and distributed to students through the blended learning platform.
Week 3	● **CS.6-8.8.1.8.DA.1** ● **CS.6-8.8.1.8.DA.3** ● **CS.6-8.8.1.8.AP.2**	**Obj. We are learning to**: ● communicate information and ideas using a variety of media and formats that are appropriate for my audience.	Students will be introduced to MLA Style formatting in a word processing program. Naming conventions for documents will also be discussed, and best practices for organizing files will also be introduced.
Week 4	● **CS.6-8.8.1.8.DA.1** ● **CS.6-8.8.1.8.AP.6**	**Obj. We are learning to**: ● use digital media and environments to collaborate with others for learning. **Suggested Formative Assessment(s)**: ● Format a Document in MLA Style: Document Assessed using a Rubric	Students will learn how to cite sources in MLA Style. They will use an online citation maker to help with the formatting of the formatting of the citations.
Week 5	● **CS.6-8.8.1.8.DA.1**	**Obj. We are learning to**: ● use digital media and environments to collaborate with others for learning. **Suggested Formative Assessment(s)**: ● Vocabulary and Knowledge Assessment: Online Assessments	Students will learn how to begin using a search engine to conduct research. The students will explore the search engine and how to use keywords to get the best results. Also, students will learn how to evaluate a web page for its value as a source.
Week 6	● **CS.6-8.8.1.8.DA.1**	**Obj. We are learning to**: ● use digital media and environments to collaborate with others for learning. **Suggested Formative Assessment(s)**: ● Vocabulary and Knowledge Assessment: Online	Students will practice using a search engine to answer questions and then cite the source.

		Assessments	
Week 7	● CS.6-8.8.2.8.ED.7 ● CS.6-8.8.1.8.AP.6 ● CS.6-8.8.1.8.DA.3 ● CS.6-8.8.1.8.DA.1	**Obj. We are learning to**: ● communicate information and ideas using a variety of media and formats that are appropriate for my audience. ● use digital media and environments to collaborate with others for learning. ● create original works as a means of personal or group expression. **Suggested Formative Assessment(s)**: ● Research Project: Document Assessed using a Rubric	This is the first of four classes dedicated to this project. Students will begin a project that requires research. The project will result in a five-paragraph essay that will be formatted in MLA Style using a word processing program. All information, directions, and rubrics will be available to students through the blended learning platform. The assignment (project) will be completed, turned in, and graded through the blended learning platform.
Week 8	● CS.6-8.8.2.8.ED.7 ● CS.6-8.8.1.8.AP.6 ● CS.6-8.8.1.8.DA.3 ● CS.6-8.8.1.8.DA.1	**Obj. We are learning to**: ● communicate information and ideas using a variety of media and formats that are appropriate for my audience. ● use digital media and environments to collaborate with others for learning. ● create original works as a means of personal or group expression. **Suggested Formative Assessment(s)**: ● Research Project: Document Assessed using a Rubric	This is the second of four classes dedicated to this project. Students will begin a project that requires research. The project will result in a five-paragraph essay that will be formatted in MLA Style using a word processing program. All information, directions, and rubrics will be available to students through the blended learning platform. The assignment (project) will be completed, turned in, and graded through the blended learning platform.
Week 9	● CS.6-8.8.2.8.ED.7 ● CS.6-8.8.1.8.AP.6 ● CS.6-8.8.1.8.DA.3 ● CS.6-8.8.1.8.DA.1	**Obj. We are learning to**: ● communicate information and ideas using a variety of media and formats that are appropriate for my audience. ● use digital media and environments to collaborate with others for learning. ● create original works as a means of personal or group expression. **Suggested Formative Assessment(s)**:	This is the third of four classes dedicated to this project. Students will begin a project that requires research. The project will result in a five-paragraph essay that will be formatted in MLA Style using a word processing program. All information, directions, and rubrics will be available

		● Research Project: Document Assessed using a Rubric	to students through the blended learning platform. The assignment (project) will be completed, turned in, and graded through the blended learning platform.

[Link to Additional Components including Cross Curricular Connections, Accommodations, Assessments, Etc](#)

[ELA Enduring Understanding Statements](#)