

Swedesboro-Woolwich School District's Technology Curriculum Guidance Document

GRADE Kindergarten– 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 this unit, the students will be introduced to working in a computer lab. The teacher will model the expectations for working in the computer lab. Emphasis will be placed on proper handling of the equipment, using the devices correctly, and creating a collaborative learning environment.

The students will learn to identify the parts of their computer by name, and how to use the mouse and keyboard to input data.

Standards Covered in Current Unit/Module

Related Standards and Learning Goals

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TECH.8.1.2	Educational Technology: All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaborate and to create and communicate knowledge.
TECH.8.1.2.A.4	Demonstrate developmentally appropriate navigation skills in virtual environments (i.e., games, museums).
TECH.8.1.2.A.CS1	Understand and use technology systems.
TECH.8.1.2.C.1	Engage in a variety of developmentally appropriate learning activities with students in other classes, schools, or countries using various media formats such as online collaborative tools, and social media.

- I can use a mouse properly.
- I can use my mouse and my keyboard to navigate on my computer.
- I can understand why we use computers and how to use them properly
- I can work and play with others online appropriately.

Unit/Module Weekly Learning Activities and Pacing Guide			
Topic & # Days	NJ Standards	Critical Knowledge & Skills	Possible Resources & Activities
Week 1	<ul style="list-style-type: none"> • TECH.8.1.2 • TECH.8.1.2.A.4 • TECH.8.1.2.A.CS1 • TECH.8.1.2.C.1 	<ul style="list-style-type: none"> • I can understand why we use computers and how to use them properly. 	<p>During the first class, students will be introduced to the teacher and the computer lab. The teacher will familiarize the students with the physical layout of the computer lab and establish the expectations for all future classes.</p> <p>The teacher will emphasize the importance of respect, responsibility, and caring while in the lab, pertaining to both other members of the class as well as for the equipment they are using.</p>

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Week 2	<ul style="list-style-type: none"> • TECH.8.1.2 • TECH.8.1.2.A.4 • TECH.8.1.2.A.CS1 • TECH.8.1.2.C.1 	<ul style="list-style-type: none"> • I can understand why we use computers and how to use them properly. 	<p>The second class meeting will begin with a review of the previous class. Students will be reminded to sit in their assigned seats, and review the expectations of the class.</p> <p>Students will then introduce the parts of the computer to the students. Students will learn to identify the following items: mouse, mouse pad, keyboard, monitor, CPU. Students will also view a brief video to help them remember the new information.</p>
Week 3	<ul style="list-style-type: none"> • TECH.8.1.2 • TECH.8.1.2.A.4 • TECH.8.1.2.A.CS1 • TECH.8.1.2.C.1 	<ul style="list-style-type: none"> • I can understand why we use computers and how to use them properly. 	<p>At the beginning of this class, a review of expectations will take place. The review will be a class discussion, giving the students an opportunity to express their understanding of the expectations. After expectations are discussed, students will review the parts of the computer. In addition to identifying the parts of the computer.</p>
Week 4	<ul style="list-style-type: none"> • TECH.8.1.2 • TECH.8.1.2.A.4 • TECH.8.1.2.A.CS1 • TECH.8.1.2.C.1 	<ul style="list-style-type: none"> • I can use a mouse properly. 	<p>Beginning of Class: Review of previous classes</p> <p>Today students will learn to use a mouse properly. They will learn how to click or select an icon. Also, students will learn the difference between "click" and "double click."</p>
Week 5	<ul style="list-style-type: none"> • TECH.8.1.2 • TECH.8.1.2.A.4 • TECH.8.1.2.A.CS1 • TECH.8.1.2.C.1 	<ul style="list-style-type: none"> • I can use a mouse properly. 	<p>Beginning of Class: Review of previous classes</p> <p>Students will continue to practice using a mouse. Students will be directed to click on an icon to access a program and then use the program to practice their mouse skills.</p>
Week 6	<ul style="list-style-type: none"> • TECH.8.1.2 • TECH.8.1.2.A.4 • TECH.8.1.2.A.CS1 	<ul style="list-style-type: none"> • I can use my mouse and my keyboard to navigate on my computer. 	<p>Beginning of Class: Review of previous classes</p>

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	<ul style="list-style-type: none"> • TECH.8.1.2.C.1 		Students will be introduced to using the keyboard in today's class. They will learn that both the keyboard and mouse are necessary to navigate and input data into the program.
Week 7	<ul style="list-style-type: none"> • TECH.8.1.2 • TECH.8.1.2.A.4 • TECH.8.1.2.A.CS1 • TECH.8.1.2.C.1 	<ul style="list-style-type: none"> • I can work and play with others online appropriately. 	<p>Beginning of Class: Review of previous classes</p> <p>Students will continue to practice using both the keyboard and mouse. The students will practice these skills by playing online games.</p>
Week 8	<ul style="list-style-type: none"> • TECH.8.1.2 • TECH.8.1.2.A.4 • TECH.8.1.2.A.CS1 • TECH.8.1.2.C.1 	<ul style="list-style-type: none"> • I can work and play with others online appropriately. 	<p>Beginning of Class: Review of previous classes</p> <p>Students will continue to practice using both the keyboard and mouse. The students will practice these skills by playing online games.</p>
Week 9	<ul style="list-style-type: none"> • TECH.8.1.2 • TECH.8.1.2.A.4 • TECH.8.1.2.A.CS1 • TECH.8.1.2.C.1 	<ul style="list-style-type: none"> • I can work and play with others online appropriately. 	<p>Beginning of Class: Review of previous classes</p> <p>Students will continue to practice using both the keyboard and mouse. The students will practice skills while playing online games.</p>
Week 10	<ul style="list-style-type: none"> • TECH.8.1.2 • TECH.8.1.2.A.4 • TECH.8.1.2.A.CS1 • TECH.8.1.2.C.1 	<ul style="list-style-type: none"> • I can work and play with others online appropriately. 	<p>Beginning of Class: Review of previous classes</p> <p>Students will continue to practice using both the keyboard and mouse. The students will practice these skills while playing online games.</p>

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

[ELA Enduring Understanding Statements](#)