

**Swedesboro-Woolwich School District's Technology Curriculum Guidance Document**

**GRADE 2– 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**

During Unit 1, students in Second-Grade will review foundational technology skills and build upon them to increase their ability to navigate in virtual environments. Students will practice keyboarding to gain appropriate accuracy and speed for their level, understand the importance of using usernames and passwords for accessing programs, and develop written communication skills through document creation.

Students will understand how their Chromebooks work, and learn how to use them as an effective learning tool. In addition, students will learn and practice how to maintain their Chromebooks in good working order and how to troubleshoot common problems.

In addition, students will learn about and use a blended learning platform for their assignments. The students will be able to access the platform, and then complete assignments and turn them in through the learning platform. The teacher will use the learning platform to assess student work and communicate with students regarding their work and assignments.

**Standards Covered in Current Unit/Module**

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### Related Standards and Learning Goals

CS.K-2.8.1.2.AP.3	Create programs with sequences and simple loops to accomplish tasks.
CS.K-2.8.1.2.CS.1	Select and operate computing devices that perform a variety of tasks accurately and quickly based on user needs and preferences.
CS.K-2.8.1.2.DA.2	Store, copy, search, retrieve, modify, and delete data using a computing device.
CS.K-2.8.2.2.ED.1	Communicate the function of a product or device.

- I can demonstrate developmentally appropriate navigation skills in virtual environments.
- I can use digital tools to access, manage, evaluate, and synthesize information in order to solve problems and collaborate with others in order to create and communicate knowledge.
- I can create a document using a word processing application.
- I can use digital tools to access, manage, evaluate, and synthesize information in order to solve problems and collaborate with others in order to create and communicate knowledge.

### Unit/Module Weekly Learning Activities and Pacing Guide

Topic & # Days	NJ Standards	Critical Knowledge & Skills	Possible Resources & Activities
Week 1	CS.K-2.8.1.2.AP.3 CS.K-2.8.1.2.CS.1 CS.K-2.8.1.2.DA.2 CS.K-2.8.2.2.ED.1	<ul style="list-style-type: none"> <li>• I can log on to my Chromebook properly.</li> <li>• I can shutdown my Chromebook properly.</li> <li>• I can use my trackpad to click, drag and drop information.</li> <li>• I can use my trackpad to select information, text or fields in a form.</li> </ul>	Upon arrival in the computer lab, students will be directed by the teacher to enter the lab and sit where directed. The teacher will begin the class by introducing herself/himself and then state the expectations of the class.

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		<ul style="list-style-type: none"> <li>• I can use my keyboard to input information and data into a document.</li> <li>• I can type with accuracy and speed appropriate to my skill level.</li> </ul>	<p>Through class discussion, students will understand their responsibilities and know what is expected from them in regard to both classwork and behavior.</p> <p>Once expectations are discussed and clarified, the teacher will review the steps required to log on to their Chromebook. A review of foundational skills will be completed.</p> <p>Students will also be reminded of the procedure to access and log on to a keyboarding practice program. Students will practice keyboarding during this class.</p>
Week 2	CS.K-2.8.1.2.AP.3 CS.K-2.8.1.2.CS.1 CS.K-2.8.1.2.DA.2 CS.K-2.8.2.2.ED.1	<ul style="list-style-type: none"> <li>• I can log on to my Chromebook properly.</li> <li>• I can shutdown my Chromebook properly.</li> <li>• I can use my trackpad to click, drag and drop information.</li> <li>• I can use my trackpad to select information, text or fields in a form.</li> <li>• I can use my keyboard to input information and data into a document.</li> <li>• I can type with accuracy and speed appropriate to my skill level.</li> </ul>	<p>This class will begin with a review of the expectations for classwork and behavior. The routine of entering the computer lab and reporting directly to their assigned seat will be reviewed. Students will understand that they will enter the lab and log on to their Chromebooks as soon as they enter the class.</p> <p>Today students will be introduced to a blended learning platform (Google Classroom) that will aim to simplify creating, distributing, and grading assignments.</p> <p>Students will learn how to access the learning platform (Google Classroom) and also understand what items they will find in the learning platform. The learning platform will contain all information for each lesson, including notes, assignments, and directions.</p>

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			<p>Next, students will access and log on to a keyboarding program. Students will discuss and conclude that keyboarding skills are essential to using their computer and that practice is necessary to improve one's skill. Students will also understand that accuracy is always more important than speed and that speed will increase as practice and accuracy are obtained.</p>
<p>Week 3</p>	<p>CS.K-2.8.1.2.AP.3 CS.K-2.8.1.2.CS.1 CS.K-2.8.1.2.DA.2 CS.K-2.8.2.2.ED.1</p>	<ul style="list-style-type: none"> <li>● I can log on to my Chromebook properly.</li> <li>● I can shutdown my Chromebook properly.</li> <li>● I can use my trackpad to click, drag and drop information.</li> <li>● I can use my trackpad to select information, text or fields in a form.</li> <li>● I can use my keyboard to input information and data into a document.</li> <li>● I can type with accuracy and speed appropriate to my skill level.</li> </ul>	<ul style="list-style-type: none"> <li>● Today students will review the blended learning platform (Google Classroom) that will aim to simplify creating, distributing, and grading assignments.</li> <li>● Students will review how to access the learning platform (Google Classroom) and also understand what items they will find in the learning platform. The learning platform will contain all information for each lesson, including notes, assignments, and directions.</li> <li>● Next, students will access and log on to a keyboarding program. Students will review why keyboarding skills are essential to using their computer and that practice is necessary to improve one's skill. Students will also understand that accuracy is always more important than speed and that speed will increase as practice continues.</li> </ul>

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Week 4	CS.K-2.8.1.2.AP.3 CS.K-2.8.1.2.CS.1 CS.K-2.8.1.2.DA.2 CS.K-2.8.2.2.ED.1	<ul style="list-style-type: none"> <li>● I can create a document using a word processing application.</li> </ul>	<p>Students will review what a word processing program is and how to access the program via Google Classroom. A review of basic tools will be completed. Students will review choosing a font, font size, line spacing, and margin justification. Students will format their document according to the teacher's directions in MLA Style.</p> <p>Students will also review and access the learning platform introduced last class. In the learning platform, the students will find directions for accessing and formatting their documents.</p>
Week 5	CS.K-2.8.1.2.AP.3 CS.K-2.8.1.2.CS.1 CS.K-2.8.1.2.DA.2 CS.K-2.8.2.2.ED.1	<ul style="list-style-type: none"> <li>● I can create a document using a word processing application.</li> </ul>	<p>During this class, the students will practice what they learned in the previous class. The teacher will guide the students through the steps to help the students remember the steps.</p> <p>Students will review what a word processing program is and how to access the program. A review of basic tools will be completed. Students will review choosing a font, font size, line spacing, and margin justification. Students will format their document according to the teacher's directions in MLA Style.</p> <p>Students will also review and access the learning platform introduced last class. In the learning platform, the students will find directions for accessing and formatting their documents.</p>

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			Once all students have formatted their document correctly, they will be asked to complete a short writing activity.
Week 6	CS.K-2.8.1.2.AP.3 CS.K-2.8.1.2.CS.1 CS.K-2.8.1.2.DA.2 CS.K-2.8.2.2.ED.1	<ul style="list-style-type: none"> <li>● I can create a document using a word processing application.</li> </ul>	<p>During this class, students will complete an assessment. The assessment will take place over the course of two class periods.</p> <p>The assessment will require students to access the blended learning platform to read the directions.</p> <p>The directions will ask students to create a document, format it correctly, and then respond to a writing prompt.</p> <p>The assessment will be graded using a rubric.</p>
Week 7	CS.K-2.8.1.2.AP.3 CS.K-2.8.1.2.CS.1 CS.K-2.8.1.2.DA.2 CS.K-2.8.2.2.ED.1	<ul style="list-style-type: none"> <li>● I can create a document using a word processing application.</li> </ul>	<p>During this class, students will complete an assessment. The assessment will take place over the course of two class periods.</p> <p>The assessment will require students to access the blended learning platform to read the directions.</p> <p>The directions will ask students to create a document, format it correctly, and then respond to a writing prompt.</p> <p>The assessment will be graded using a rubric.</p>
Week 8	CS.K-2.8.1.2.AP.3 CS.K-2.8.1.2.CS.1 CS.K-2.8.1.2.DA.2 CS.K-2.8.2.2.ED.1	<ul style="list-style-type: none"> <li>● I can demonstrate developmentally appropriate navigation skills in virtual environments.</li> </ul>	<p>In today's class, the students will be introduced to a virtual environment (of the teacher's choosing).</p> <p>Students will learn how to navigate through the virtual environment through demonstrations by the teacher. As the teacher demonstrates the</p>

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			skills, students will practice navigating through the virtual environment.
Week 9	CS.K-2.8.1.2.AP.3 CS.K-2.8.1.2.CS.1 CS.K-2.8.1.2.DA.2 CS.K-2.8.2.2.ED.1	<ul style="list-style-type: none"> <li>● I can demonstrate developmentally appropriate navigation skills in virtual environments.</li> </ul>	<p>In today's class, the students will review the virtual environment (of the teacher's choosing) introduced during the last class.</p> <p>Students will navigate through the virtual environment.</p>
Week 10	CS.K-2.8.1.2.AP.3 CS.K-2.8.1.2.CS.1 CS.K-2.8.1.2.DA.2 CS.K-2.8.2.2.ED.1	<ul style="list-style-type: none"> <li>● I can demonstrate developmentally appropriate navigation skills in virtual environments.</li> </ul>	<p>In today's class, the students will review the virtual environment (of the teacher's choosing) introduced during the last class.</p> <p>Students will navigate through the virtual environment.</p>

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

[ELA Enduring Understanding Statements](#)