

GRADE 1– Unit 1/Getting Started with Technology

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 X, students will learn to:

In this unit, students will learn about and become familiar with the use of technology for learning.

- Students will learn how to log on to their computers and navigate to open programs and access content online.
- Many of the skills introduced will be practiced throughout this unit as well as in future units. Emphasis is on the foundational skills of using a Personal Computer. Students must be able to understand and use basic features of the computer including proper keyboarding skills in order to become proficient in the higher level activities and skills. They will discuss the rules of the computer classroom as well as how to properly care for the equipment. The main goal is to put them on a path to be able to access programs and create documents independently.

Standards Covered in Current Unit/Module

Related Standards and Learning Goals

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| 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.CS.2 | Explain the functions of common software and hardware components of computing systems. |
| CS.K-2.8.1.2.CS.3 | Describe basic hardware and software problems using accurate terminology. |
| CS.K-2.8.1.2.NI.3 | Create a password that secures access to a device. Explain why it is important to create unique passwords that are not shared with others. |
| CS.K-2.8.1.2.NI.4 | Explain why access to devices needs to be secured. |
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- I can create a document using a word processing application.
 - I can demonstrate developmentally appropriate navigation skills in virtual environments.
 - I can illustrate and communicate original ideas and stories using a digital tool.
 - I can use digital tools.
 - I can identify and explain the purpose of basic features of my Chromebook.
 - I can log on to my computer (Chromebook) properly.
 - I can maintain my Chromebook effectively in order to keep it working properly.
 - I can use my trackpad to select information, text or fields in a form.
 - I can use my keyboard to input information and data into a document.
 - I can open a word processing application.
 - I can explain how and why a word processing application would be used.
 - I can enter information into a word processing application.
 - I can demonstrate (show) appropriate navigation skills in an online game environment.

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- I can communicate original ideas through storytelling with a digital tool.

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.CS.1 • CS.K-2.8.1.2.CS.2 • CS.K-2.8.1.2.CS.3 • CS.K-2.8.1.2.NI.3 • CS.K-2.8.1.2.NI.4	Obj. We are learning to: • I can identify the parts of my Chromebook: trackpad, keyboard, monitor, CPU, audio jack/USB port, earbuds/headphones. • I can explain the purpose of the parts of my Chromebook: trackpad, keyboard, monitor, CPU, audio jack/USB port, earbuds/headphones.	• Materials ○ Promethean Board • Students will be introduced to the rules and routines of the computer lab. After the introduction, students will be assigned seats and will learn the parts of the Personal Computer using a short video
Week 2	• CS.K-2.8.1.2.CS.1 • CS.K-2.8.1.2.CS.2 • CS.K-2.8.1.2.CS.3 • CS.K-2.8.1.2.NI.3 • CS.K-2.8.1.2.NI.4	• I can log on to my Chromebook properly. • I can use my trackpad to click, drag and drop information. • I can identify and explain the purpose of the parts of my Chromebook: trackpad,	Students will review: • Routines of the computer lab and parts of a Chromebook. Students will LEARN:

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		keyboard, monitor, CPU, audio jack/USB port, earbuds/headphones.	● In order to use digital tools, you must be able to power on and log on to your device. Students will learn the procedures to log on to their Chromebook. ● Students will use their trackpad to click, drag, and drop
Week 3	● CS.K-2.8.1.2.CS.1 ● CS.K-2.8.1.2.CS.2 ● CS.K-2.8.1.2.CS.3 ● CS.K-2.8.1.2.NI.3 ● CS.K-2.8.1.2.NI.4	● I can log on to my Chromebook properly. ● I can use my trackpad to click, drag and drop information. ● I can identify and explain the purpose of the parts of my Chromebook: trackpad, keyboard, monitor, CPU, audio jack/USB port, earbuds/headphones.	Students will review: ● Routines of the computer lab and parts of a Chromebook. ● In order to use digital tools, you must be able to power on and log on to your device. Students will learn the procedures to log on to their Chromebooks and how to maintain their Chromebook. ● Students will use their trackpad and keyboard to log on to Chrome. Students will LEARN: ● To access an internet program using an icon. Once the students have accessed the internet program, they will practice and demonstrate their ability to use a trackpad to click, drag, and drop.

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Week 3		● I can log on to my Chromebook properly. ● I can understand the need to learn to use the keyboard correctly and practice my skills to improve my skills.	Students will review: ● Routines of the computer lab and parts of a Chromebook. ● In order to use digital tools, you must be able to power on and log on to your device. Students will learn the procedures to log on to their Chromebooks and how to maintain their Chromebook. ● Students will use their trackpad and keyboard to log on to Chrome. Students will LEARN: ● Students will be introduced to a keyboarding program accessed through the internet. Students will learn how to log in and access their own personal accounts in the program. All students will begin the program at the beginning, regardless of previous experience.
Week 4	● CS.K-2.8.1.2.CS.1 ● CS.K-2.8.1.2.CS.2 ● CS.K-2.8.1.2.CS.3 ● CS.K-2.8.1.2.NI.3 ● CS.K-2.8.1.2.NI.4	● I can log on to my Chromebook properly. ● I can understand the need to learn to use the keyboard correctly and practice my skills to improve my skills.	Students will review: ● Routines of the computer lab and parts of a Chromebook. ● In order to use digital tools, you must be able to power on and log on to your device. Students will learn the

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			procedures to log on to their Chromebooks and how to maintain their Chromebook. ● Students will use their trackpad and keyboard to log on to Chrome. ● Students will access the keyboarding program introduced in the previous class. Students will log on and practice keyboarding skills. The program is self-paced, so all students will be working at their own learning pace
Week 5	● CS.K-2.8.1.2.CS.1 ● CS.K-2.8.1.2.CS.2 ● CS.K-2.8.1.2.CS.3 ● CS.K-2.8.1.2.NI.3 ● CS.K-2.8.1.2.NI.4	● I can log on to my Chromebook properly. ● I can understand the need to learn to use the keyboard correctly and practice my skills to improve my skills.	Students will review: ● Routines of the computer lab and parts of a Chromebook. ● In order to use digital tools, you must be able to power on and log on to your device. Students will learn the procedures to log on to their Chromebooks and how to maintain their Chromebook. ● Students will use their trackpad and keyboard to log on to Chrome. ● Students will access the keyboarding program introduced in the previous class. Students will log on and practice keyboarding skills. The program is self-paced, so all students will be working at their own learning pace

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Week 6	● CS.K-2.8.1.2.CS.1 ● CS.K-2.8.1.2.CS.2 ● CS.K-2.8.1.2.CS.3 ● CS.K-2.8.1.2.NI.3 ● CS.K-2.8.1.2.NI.4	● I can understand that Google Apps for Education is a suite of programs, each with a specific purpose. ● I can find and open a word processing program (Google Docs). ● I can understand that Google Docs is a program that is used to compose writing.	Students will review: ● Routines of the computer lab and parts of a Chromebook. ● In order to use digital tools, you must be able to power on and log on to your device. Students will learn the procedures to log on to their Chromebooks and how to maintain their Chromebook. ● Students will use their trackpad and keyboard to log on to Chrome. ● Students will access the keyboarding program introduced in the previous class. Students will log on and practice keyboarding skills. The program is self-paced, so all students will be working at their own learning pace.
Week 7	● CS.K-2.8.1.2.CS.1 ● CS.K-2.8.1.2.CS.2 ● CS.K-2.8.1.2.CS.3 ● CS.K-2.8.1.2.NI.3 ● CS.K-2.8.1.2.NI.4	● I can understand that Google Apps for Education is a suite of programs, each with a specific purpose. ● I can find and open a word processing program (Google Docs). ● I can understand that Google Docs is a program that is used to compose writing.	Students will review all previous skills in the introduction of the class. Students will LEARN: ● Students will be introduced to word processing programs; why they are used, and how to access the programs. Students will use Google Docs.

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			• Students will next learn how to navigate their Google Accounts. • Students will be guided through an introduction to Google Apps for Education by the teacher.
Week 8	• CS.K-2.8.1.2.CS.1 • CS.K-2.8.1.2.CS.2 • CS.K-2.8.1.2.CS.3 • CS.K-2.8.1.2.NI.3 • CS.K-2.8.1.2.NI.4	• I can open a word processing application (Google Docs). • I can explain how and why a word processing application would be used. • I can enter information into a word processing application.	Students will review all previous skills in the introduction of the class. Students will LEARN: • Students will be introduced to word processing programs; why they are used, and how to access the programs. Students will use Google Docs. • Students will next learn how to navigate their Google Accounts. • Students will be guided through an introduction to Google Apps for Education by the teacher.
Week 9	• CS.K-2.8.1.2.CS.1 • CS.K-2.8.1.2.CS.2 • CS.K-2.8.1.2.CS.3 • CS.K-2.8.1.2.NI.3 • CS.K-2.8.1.2.NI.4	• I can open a word processing application (Google Docs). • I can explain how and why a word processing application would be used. • I can enter information into a word processing application.	Students will review all previous skills in the introduction of the class. Students will LEARN:

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			• Students will be introduced to word processing programs; why they are used, and how to access the programs. Students will use Google Docs. • Students will be guided through an introduction to Google by the teacher.
Week 10	• CS.K-2.8.1.2.CS.1 • CS.K-2.8.1.2.CS.2 • CS.K-2.8.1.2.CS.3 • CS.K-2.8.1.2.NI.3 • CS.K-2.8.1.2.NI.4	• I can communicate original ideas through storytelling with a digital tool.	Students will review all previous skills in the introduction of the class. Students will LEARN: • Students will be introduced to word processing programs; why they are used, and how to access the programs. Students will use Google Docs. • Students will be guided through an introduction to Google by the teacher.

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

[ELA Enduring Understanding Statements](#)