

GRADE Kindergarten– Unit 2

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, students will continue to practice the skills introduced in the previous unit. In addition, the students will learn what technology is and how it is developed. Students will use the definition of technology to understand that technology is more than just computers; technology is the development of any tool to help make a task easier.

Skills that will be practiced in this unit are:

- mouse skills
- keyboarding skills
- logging on to a computer (Windows) using the correct username and password
- Students will also learn about how to stay safe on the internet and the importance of being a Digital Citizen.

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Standards Covered in Current Unit/Module

Related Standards and Learning Goals

TECH.8.2.2 Technology Education, Engineering, Design, and Computational Thinking - Programming: All students will develop an understanding of the nature and impact of technology, engineering, technological design, computational thinking and the designed world as they relate to the individual, global society, and the environment.

TECH.8.2.2.A.1 Define products produced as a result of technology or of nature.

TECH.8.2.2.A.2 Describe how designed products and systems are useful at school, home and work.

TECH.8.2.2.B.1 Identify how technology impacts or improves life.

TECH.8.2.2.B.CS2 The effects of technology on the environment.

I can use my mouse and my keyboard to navigate on my computer.

- I can define the word "technology".

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- I can explain how reusing a product affects the environment.
- I can explain how things are made as a result of technology.
- I can explain the effects of technology on the environment.
- I can give examples of how technology improves my life.
- I can give examples of products created as a result of technology.
- I can understand why we use computers and how to use them properly.
- I can use digital tools to help me learn and communicate.
- 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 11	<ul style="list-style-type: none"> ● TECH.8.2.2 ● TECH.8.2.2.A.1 ● TECH.8.2.2.A.2 ● TECH.8.2.2.B.1 ● TECH.8.2.2.B.CS2 	<p>PRIMARY:</p> <ul style="list-style-type: none"> ● I can define the word "technology". <p>FOUNDATIONAL:</p> <ul style="list-style-type: none"> ● I can use my mouse and my keyboard to navigate on my computer. ● I can use digital tools to help me learn and communicate. ● I can work and play with others online appropriately. ● I can understand why we use computers and how to use them properly. 	<p>Today students will review and practice skills learned in previous weeks. In addition to review and practice, students will:</p> <ul style="list-style-type: none"> ● Through class discussion formulate a working definition of the word "technology". Students will conclude that the word "technology" is defined as any tool that people use to make a task easier. <p>FOUNDATIONAL SKILLS TO BE PRACTICED:</p> <ul style="list-style-type: none"> ● Log on to Windows ● Click and Drag ● Open a program by clicking on an icon ● Keyboarding ● Learning with Games ● Navigating a Website <p>These Foundational Skills will be practiced through</p>

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			various websites and activities chosen by the teacher.
Week 12	<ul style="list-style-type: none"> • TECH.8.2.2 • TECH.8.2.2.A.1 • TECH.8.2.2.A.2 • TECH.8.2.2.B.1 • TECH.8.2.2.B.CS2 	<p>PRIMARY:</p> <ul style="list-style-type: none"> • I can explain how things are made as a result of technology. <p>FOUNDATIONAL:</p> <ul style="list-style-type: none"> • I can use my mouse and my keyboard to navigate on my computer. • I can use digital tools to help me learn and communicate. • I can work and play with others online appropriately. • I can understand why we use computers and how to use them properly. 	<p>Today students will review and practice skills learned in previous weeks. In addition to review and practice, students will:</p> <ul style="list-style-type: none"> • Through class discussion, review the working definition of the word "technology". Students will conclude that the word "technology" is defined as any tool that people use to make a task easier. • Students will be able to verbalize the definition of technology in their own words and they will be able to understand how technology is all around them. <p>FOUNDATIONAL SKILLS TO BE PRACTICED:</p> <ul style="list-style-type: none"> • Log on to Windows • Click and Drag • Open a program by clicking on an icon • Keyboarding • Learning with Games • Navigating a Website <p>These Foundational Skills will be practiced through various websites and activities chosen by the teacher.</p>

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<p>Week 13</p>	<ul style="list-style-type: none"> • TECH.8.2.2 • TECH.8.2.2.A.1 • TECH.8.2.2.A.2 • TECH.8.2.2.B.1 • TECH.8.2.2.B.CS2 	<p>PRIMARY:</p> <ul style="list-style-type: none"> • I can give examples of products created as a result of technology <p>FOUNDATIONAL:</p> <ul style="list-style-type: none"> • I can use my mouse and my keyboard to navigate on my computer. • I can use digital tools to help me learn and communicate. • I can work and play with others online appropriately. • I can understand why we use computers and how to use them properly. 	<p>Today students will review and practice skills learned in previous weeks. In addition to review and practice, students will:</p> <ul style="list-style-type: none"> • Through class discussion review the working definition of the word "technology". Students will conclude that the word "technology" is defined as any tool that people use to make a task easier. • Students will be able to verbalize the definition of technology in their own words and they will be able to understand how technology is all around them. <p>FOUNDATIONAL SKILLS TO BE PRACTICED:</p> <ul style="list-style-type: none"> • Log on to Windows • Click and Drag • Open a program by clicking on an icon • Keyboarding • Learning with Games • Navigating a Website <p>These Foundational Skills will be practiced through various websites and activities chosen by the teacher.</p>
<p>Week 14</p>	<ul style="list-style-type: none"> • TECH.8.2.2 • TECH.8.2.2.A.1 • TECH.8.2.2.A.2 • TECH.8.2.2.B.1 • TECH.8.2.2.B.CS2 	<p>PRIMARY:</p> <ul style="list-style-type: none"> • I can give examples of products created as a result of technology <p>FOUNDATIONAL:</p> <ul style="list-style-type: none"> • I can use my mouse and my keyboard to navigate on my computer. • I can use digital tools to help me learn and 	<p>Today students will review and practice skills learned in previous weeks. In addition to review and practice, students will:</p> <ul style="list-style-type: none"> • Through class discussion review the working definition of the word "technology". Students will conclude that the word "technology" is defined as any tool that people use to make a task easier. • Students will be able to verbalize the definition

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		<p>communicate.</p> <ul style="list-style-type: none"> • I can work and play with others online appropriately. • I can understand why we use computers and how to use them properly. 	<p>of technology in their own words and they will be able to understand how technology is all around them.</p> <p>FOUNDATIONAL SKILLS TO BE PRACTICED:</p> <ul style="list-style-type: none"> • Log on to Windows • Click and Drag • Open a program by clicking on an icon • Keyboarding • Learning with Games • Navigating a Website <p>These Foundational Skills will be practiced through various websites and activities chosen by the teacher.</p>
Week 15	<ul style="list-style-type: none"> • TECH.8.2.2 • TECH.8.2.2.A.1 • TECH.8.2.2.A.2 • TECH.8.2.2.B.1 • TECH.8.2.2.B.CS2 	<p>PRIMARY:</p> <ul style="list-style-type: none"> • I can give examples of products created as a result of technology <p>FOUNDATIONAL:</p> <ul style="list-style-type: none"> • I can use my mouse and my keyboard to navigate on my computer. • I can use digital tools to help me learn and communicate. • I can work and play with others online appropriately. • I can understand why we use computers and how to use them properly. 	<p>Today students will review and practice skills learned in previous weeks. In addition to review and practice, students will:</p> <ul style="list-style-type: none"> • Students will be asked to give the definition of technology as formulated in previous classes. • In today's discussion, students will brainstorm to give examples of things that have been created through technology. • Using the list created during the last class, students will discuss the things developed through technology and add to or revise the list as appropriate. • Next, students will use the list above to create a chart. The first column will be "Things Created through Technology", the second column will be "How the Thing Created Helps Make a Task Easier". <p>FOUNDATIONAL SKILLS TO BE PRACTICED:</p>

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			<ul style="list-style-type: none"> ● Log on to Windows ● Click and Drag ● Open a program by clicking on an icon ● Keyboarding ● Learning with Games ● Navigating a Website <p>These Foundational Skills will be practiced through various websites and activities chosen by the teacher.</p>
Week 16	<ul style="list-style-type: none"> ● TECH.8.2.2 ● TECH.8.2.2.A.1 ● TECH.8.2.2.A.2 ● TECH.8.2.2.B.1 ● TECH.8.2.2.B.CS2 	<p>PRIMARY:</p> <ul style="list-style-type: none"> ● I can give examples of products created as a result of technology <p>FOUNDATIONAL:</p> <ul style="list-style-type: none"> ● I can use my mouse and my keyboard to navigate on my computer. ● I can use digital tools to help me learn and communicate. ● I can work and play with others online appropriately. ● I can understand why we use computers and how to use them properly. 	<p>Today students will review and practice skills learned in previous weeks. In addition to review and practice, students will:</p> <ul style="list-style-type: none"> ● Students will be asked to give the definition of technology as formulated in previous classes. ● In today's discussion, students will brainstorm to give examples of things that have been created through technology. ● Using the list created during the last class, students will discuss the things developed through technology and add to or revise the list as appropriate. ● Next, students will use the list above to create a chart. The first column will be "Things Created through Technology", the second column will be "How the Thing Created Helps Make a Task Easier". <p>FOUNDATIONAL SKILLS TO BE PRACTICED:</p> <ul style="list-style-type: none"> ● Log on to Windows ● Click and Drag ● Open a program by clicking on an icon ● Keyboarding ● Learning with Games

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			<ul style="list-style-type: none"> • Navigating a Website <p>These Foundational Skills will be practiced through various websites and activities chosen by the teacher.</p>
Week 17	<ul style="list-style-type: none"> • TECH.8.2.2 • TECH.8.2.2.A.1 • TECH.8.2.2.A.2 • TECH.8.2.2.B.1 • TECH.8.2.2.B.CS2 	<p>PRIMARY:</p> <ul style="list-style-type: none"> • I can define the word "technology". <p>FOUNDATIONAL:</p> <ul style="list-style-type: none"> • I can use my mouse and my keyboard to navigate on my computer. • I can use digital tools to help me learn and communicate. • I can work and play with others online appropriately. • I can understand why we use computers and how to use them properly. 	<p>Today students will review and practice skills learned in previous weeks. In addition to review and practice, students will:</p> <ul style="list-style-type: none"> • Summation of previous classes; students will complete the chart. • This is the last of the classes in this series. The students will complete the chart and discuss what it means to them. This will also include an assessment of their understanding of the topic. <p>FOUNDATIONAL SKILLS TO BE PRACTICED:</p> <ul style="list-style-type: none"> • Log on to Windows • Click and Drag • Open a program by clicking on an icon • Keyboarding • Learning with Games • Navigating a Website <p>These Foundational Skills will be practiced through various websites and activities chosen by the teacher.</p>
Week 18	<ul style="list-style-type: none"> • TECH.8.2.2 • TECH.8.2.2.A.1 • TECH.8.2.2.A.2 • TECH.8.2.2.B.1 • TECH.8.2.2.B.CS2 	<p>PRIMARY:</p> <ul style="list-style-type: none"> • All students will develop an understanding of the nature and impact of technology, engineering, technological design, computational thinking and the designed world as they relate to the individual, global society, and the environment. 	<p>PRIMARY:</p> <p>Building upon the ideas developed in previous classes, the students will refer to the chart they created. The students will discuss how the technologies described in the chart affect the</p>

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		<p>FOUNDATIONAL:</p> <ul style="list-style-type: none"> ● 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. ● Demonstrate developmentally appropriate navigation skills in virtual environments (i.e. games, museums). ● Understand and use technology systems. ● 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. 	<p>environment.</p> <p>FOUNDATIONAL SKILLS TO BE PRACTICED:</p> <ul style="list-style-type: none"> ● Log on to Windows ● Click and Drag ● Open a program by clicking on an icon ● Keyboarding ● Learning with Games ● Navigating a Website <p>These Foundational Skills will be practiced through various websites and activities chosen by the teacher.</p>
Week 19	<ul style="list-style-type: none"> ● TECH.8.2.2 ● TECH.8.2.2.A.1 ● TECH.8.2.2.A.2 ● TECH.8.2.2.B.1 ● TECH.8.2.2.B.CS2 	<p>PRIMARY:</p> <p>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.</p> <p>FOUNDATIONAL:</p> <ul style="list-style-type: none"> ● 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. ● Demonstrate developmentally appropriate navigation skills in virtual environments (i.e. games, museums). ● Understand and use technology systems. ● 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. 	<p>PRIMARY:</p> <p>Building upon the ideas developed in previous classes, the students will refer to the chart they created. The students will discuss how the technologies described in the chart affect the environment.</p> <p>FOUNDATIONAL SKILLS TO BE PRACTICED:</p> <ul style="list-style-type: none"> ● Log on to Windows ● Click and Drag ● Open a program by clicking on an icon ● Keyboarding ● Learning with Games ● Navigating a Website <p>These Foundational Skills will be practiced through various websites and activities chosen by the teacher.</p>

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Week 20	<ul style="list-style-type: none"> • TECH.8.2.2 • TECH.8.2.2.A.1 • TECH.8.2.2.A.2 • TECH.8.2.2.B.1 • TECH.8.2.2.B.CS2 	<p>PRIMARY:</p> <p>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.</p> <p>FOUNDATIONAL:</p> <ul style="list-style-type: none"> • 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. • Demonstrate developmentally appropriate navigation skills in virtual environments (i.e. games, museums). • Understand and use technology systems. • 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. 	<p>PRIMARY:</p> <p>Building upon the ideas developed in previous classes, the students will refer to the chart they created. The students will discuss how the technologies described in the chart affect the environment.</p> <p>FOUNDATIONAL SKILLS TO BE PRACTICED:</p> <ul style="list-style-type: none"> • Log on to Windows • Click and Drag • Open a program by clicking on an icon • Keyboarding • Learning with Games • Navigating a Website <p>These Foundational Skills will be practiced through various websites and activities chosen by the teacher.</p>
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[Link to Additional Components including Cross Curricular Connections, Accommodations, Assessments, Etc](#)

[ELA Enduring Understanding Statements](#)