

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Unit 1 Overview

Unit Title: **Computer Parts & Time Capsule**

Marking Period: **1**

Grade Level: **Third Grade**

Recommended Pacing: **Three Classes**

Unit Summary:

- Show an understanding of computer terms and parts.
- Demonstrate ability to open more than one application.
- Demonstrate ability to manipulate font.
- Learn how to change name of an icon.
- Learn how to format a picture in Word.

NJCCSS:

8.1 Educational Technology All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaboratively and to create and communicate knowledge.

8.1.2.A Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.

8.1.5.A.1: Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems.

8.1.5.A.2: Format a document using a word processing application to enhance text and include graphics, symbols and/ or pictures.

Shrewsbury Borough School District
Technology Curriculum Guide
 2016

Unit Essential Questions:	Unit Enduring Understandings:
Unit Learning Targets <i>Students will know...</i>	Unit Learning Targets <i>Students will do...</i>
<ul style="list-style-type: none"> ● Does the student have an understanding of computer parts and terms? ● In a world of constant change, what skills should we learn? 	<ul style="list-style-type: none"> ● Students will review computer parts and terms by completing SMART Board tasks as a class ● Open Word and type answers to specific questions about themselves at present time. ● Change the font style, color, and size. ● Learn how to take picture in PhotoBooth, drag a picture to the desktop. ● Learn how to change name of icon, insert a picture, formatting of a picture.

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Evidence of Learning

Formative Assessments:

- Teacher Observation
- Project Based Assessment
- Classroom Participation

Equipment Needed:

- SMART Board
- Microsoft Word
- Webcam
- Photobooth

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Teacher Resources:
Resources: All resources are in on teacher computer/grade level folders.

Unit 2 Overview
Unit Title: Internet Safety Marking Period: 1
Grade Level: Third Grade
Recommended Pacing: One Class
Unit Summary: <ul style="list-style-type: none">● Demonstrate ability to open specific applications.● Understand the positive and negatives to the internet.● Demonstrate ability to know how to surf the web safely.

Shrewsbury Borough School District
Technology Curriculum Guide
 2016

- Know the importance of having a parent/guardian know what sites they are going to.
- Watch a video clip from: <https://jr.brainpop.com/artsandtechnology/technology/internetsafety/>

NJCCSS:

8.1 Educational Technology All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaboratively and to create and communicate knowledge.

8.1.8.A.1: Demonstrate knowledge of a real world problem using digital tools.

8.1.5.D.3: Demonstrate an understanding of the need to practice cyber safety, cyber security, and cyber ethics when using technologies and social media.

8.1.5.D.4: Understand digital citizenship and demonstrate an understanding of the personal consequences of inappropriate use of technology and social media.

8.1.2.E.1: Use digital tools and online resources to explore a problem or issue.

8.2 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.

8.2.2.B.4: Identify how the ways people live and work has changed because of technology.

8.2.5.B.1: Examine ethical considerations in the development and production of a product through its life cycle.

Unit Essential Questions:	Unit Enduring Understandings:
Unit Learning Targets <i>Students will know...</i>	Unit Learning Targets <i>Students will do...</i>

Shrewsbury Borough School District
Technology Curriculum Guide
2016

- In a world of constant change, how should students stay proactive in the fight against internet crimes?
- Why is it important to teach internet safety and about cyberbullying to the students?

- Students will have a group discussion with teacher about internet safety and cyberbullying.
- They will understand what to do if they feel unsafe using the internet and what to do if someone bullies them through an electronic device.
- Review how the internet is a way people use to get information about them.
- They will watch a video clip from Brain Pop Jr.
- <https://jr.brainpop.com/artsandtechnology/technology/internetsafety/>
- Students can discuss what they like to do online and teacher will explain how to make sure they are being safe.
- Questions will be answered about the subject.

Evidence of Learning

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Formative Assessments:

- Teacher Observation
- Classroom Participation

Equipment Needed:

- Internet Connection
- SMART Board
- Website

Teacher Resources:

Resources: All resources are in on teacher computer/grade level folders.

Unit 3 Overview

Unit Title: **Pets Graph**

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Marking Period: 1
Grade Level: Third Grade
Recommended Pacing: Two Classes
Unit Summary: <ul style="list-style-type: none">● Understand how and why to use the program, Microsoft Excel.● Demonstrate ability to collect data and input it into a spreadsheet.● Demonstrate ability on how to create a colorful pie graph.
<p>NJCCSS:</p> <p><u>8.1 Educational Technology All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaboratively and to create and communicate knowledge.</u></p> <p>8.1.2.A Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</p> <p>8.1.5.A.1: Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems.</p> <p>8.1.5.A.4: Graph data using a spreadsheet, analyze and produce a report that explains the analysis of the data.</p>

Shrewsbury Borough School District
Technology Curriculum Guide
 2016

--

Unit Essential Questions:	Unit Enduring Understandings:
Unit Learning Targets <i>Students will know...</i>	Unit Learning Targets <i>Students will do...</i>
<ul style="list-style-type: none"> ● In a world of constant change, what skills should we learn? ● How do I choose which technological tools to use and when it is appropriate to use them? 	<ul style="list-style-type: none"> ● Students will collect data using the SMART Board on how many pets they have. ● They will review the terminology used in Excel. ● Students will open a blank spreadsheet in Microsoft Excel. ● Students will input the data of their class' pets in the spreadsheet. ● Create a pie graph. ● Change colors of graph, insert title, and percent labels. ● Remind students about how to use correct spacing, capital letters, and formatting. ● Discuss graphs data results.

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Evidence of Learning
Formative Assessments: <ul style="list-style-type: none">● Teacher Observation● Project Based Assessment● Classroom Participation
Equipment Needed: <ul style="list-style-type: none">● Microsoft Excel● SMART Board

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Teacher Resources:
Resources: All resources are in on teacher computer/grade level folders.

Unit 4 Overview
Unit Title: I Spy... Marking Period: 1
Grade Level: Third Grade
Recommended Pacing: Three Classes
Unit Summary: <ul style="list-style-type: none">● Create a collaborative class I Spy book.● Demonstrate ability to resize pictures.● Learn how to minimize and navigate between two open windows.● Create a landscape page set up.

Shrewsbury Borough School District
Technology Curriculum Guide
 2016

- Learn how to create a Headline in Print Shop.
- Learn to create a boarder in Print Shop.

NJCCSS:

8.1 Educational Technology All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaboratively and to create and communicate knowledge.

8.1.2.A Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.

8.1.5.A.1: Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems.

8.1.5.A.2: Format a document using a word processing application to enhance text and include graphics, symbols and/ or pictures.

Unit Essential Questions:	Unit Enduring Understandings:
Unit Learning Targets <i>Students will know...</i>	Unit Learning Targets <i>Students will do...</i>

Shrewsbury Borough School District
Technology Curriculum Guide
2016

- How do I choose which technological tools to use and when it is appropriate to use them?

- Students will open Print Shop and learn how to make a boarder around their list and change colors and designs of it.
- Students will also learn how to make a “Headline” in Print Shop and a text block.
- Then they will type a list of items of their hidden pictures.
- Create a picture in Pixie using the spray can.
- Then the students will hide pictures from the stickers, review how to re-size.
- Learn how to navigate back and forth from Pixie to Print Shop.

Evidence of Learning

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Formative Assessments:

- Teacher Observation
- Project Based Assessment
- Classroom Participation

Equipment Needed:

- Pixie
- Print Shop 2
- Colored Printer
- Binding Spines
- Binding Machine

Teacher Resources:

Resources: All resources are in on teacher computer/grade level folders.

Unit 5 Overview

Unit Title: **Coding: Course 1- Lessons 9-18**

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Marking Period: 2-4

Grade Level: Third Grade

Recommended Pacing: 5 Classes (Continuous Program)

Unit Summary:

- Go to code.org account using a username and a passcode
- Navigate through the website to each lesson.
- Lesson 9: Building A Foundation
- Lesson 10: Artist: Shapes
- Lesson 11: Spelling Bee
- Lesson 12: Getting Loopy
- Lesson 13: Maze: Loops
- Lesson 14: Bee: Loops
- Lesson 15: The Big Event
- Lesson 16: Play Lab: Create a Story
- Lesson 17: Going Places Safely
- Lesson 18: Artist: Loops

Shrewsbury Borough School District
Technology Curriculum Guide
2016

NJCCSS:

8.1 Educational Technology All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaboratively and to create and communicate knowledge.

8.1.2.A Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.

8.1.5.A.1: Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems.

8.2 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.

8.2.2.E.2: Demonstrate an understanding of how a computer takes input through a series of written commands and then interprets and displays information as output.

8.2.2.E.3: Create algorithms (a sets of instructions) using a pre-defined set of commands (e.g., to move a student or a character through a maze).

8.2.2.E.4: Debug an algorithm (i.e., correct an error).

8.2.2.E.5: Use appropriate terms in conversation (e.g., basic vocabulary words: input, output, the operating system, debug, and algorithm).

8.2.5.A.5: Identify how improvement in the understanding of materials science impacts technologies.

8.2.5.E.1: Identify how computer programming impacts our everyday lives.

8.2.5.E.2: Demonstrate an understanding of how a computer takes input of data, processes and stores the data through a series of commands, and outputs information.

8.2.5.E.3: Using a simple, visual programming language, create a program using loops, events and procedures to generate specific output.

8.2.5.E.4: Use appropriate terms in conversation (e.g., algorithm, program, debug, loop, events, procedures, memory, storage, processing, software, coding, procedure, and data).

Shrewsbury Borough School District
Technology Curriculum Guide
 2016

Unit Essential Questions:	Unit Enduring Understandings:
Unit Learning Targets <i>Students will know...</i>	Unit Learning Targets <i>Students will do...</i>
<ul style="list-style-type: none"> ● In a world of constant change, what skills should we learn? ● Can the students create a program to draw a shape using sequential steps? ● Can the student convert a series of multiple actions into a single loop? ● Can the students employ a combination of sequential and looped commands to reach the end of a maze? 	<ul style="list-style-type: none"> ● Students will sign into their code.org account. ● Create a program to draw a shape using sequential steps. ● Compare and contrast squares and rectangles by their number of sides and side lengths. ● Write a program for a given task which loops a single command. ● Identify when a loop can be used to simplify a repetitive action. ● Convert a series of multiple actions into a single loop. ● Employ a combination of sequential and looped commands to reach the end of a maze.

Shrewsbury Borough School District
Technology Curriculum Guide
2016

- | | |
|--|---|
| | <ul style="list-style-type: none">• Create a program that draws complex shapes by repeating simple sequences. |
|--|---|

Evidence of Learning
<p>Formative Assessments:</p> <ul style="list-style-type: none">• Teacher Observation• Skilled Based Assessment• Lessons Completed: Teacher can see student progress through their specific accounts• Classroom Participation

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Equipment Needed:

- Safari
- Internet Connection
- Headphones
- Code.org user names and passwords

Teacher Resources:

Resources: All resources are in on teacher computer/grade level folders.

Unit 6 Overview

Unit Title: **Idioms**

Marking Period: **2**

Grade Level: **Third Grade**

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Recommended Pacing: Four Classes

Unit Summary:

- Identify idioms and their meanings.
- Create a voice recoding over an illustration of idiom selected.

NJCCSS:

8.1 Educational Technology All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaboratively and to create and communicate knowledge.

8.1.2.A Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.

8.1.5.A.1: Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems.

8.1.5.A.2: Format a document using a word processing application to enhance text and include graphics, symbols and/ or pictures.

8.1.2.B.1: Illustrate and communicate original ideas and stories using multiple digital tools and resources.

Unit Essential Questions:

Unit Enduring Understandings:

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Unit Learning Targets <i>Students will know...</i>	Unit Learning Targets <i>Students will do...</i>
<ul style="list-style-type: none">• How can digital tools be used for creating original and innovative works, ideas, and solutions?	<ul style="list-style-type: none">• Students will learn about idioms and their meanings.• They will select an idiom they want to portray.• They will illustrate the literal meaning of the idiom.• They will record their voice in Pixie on what their idiom is and its real meaning.

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Evidence of Learning

Formative Assessments:

- Teacher Observation
- Project Based Assessment
- Classroom Participation

Equipment Needed:

- Pixie
- Headphones with microphones
- List of idioms
- SMART Board

Teacher Resources:

Resources: All resources are in on teacher computer/grade level folders.

Shrewsbury Borough School District
Technology Curriculum Guide
2016

--

Unit 7 Overview

Unit Title: Planet Power Point

Marking Period: 2-3

Grade Level: Third Grade

Recommended Pacing: Seven Classes

Unit Summary:

- Research specific planet using search engine.
- Learn how to create PowerPoint presentation.
- Learn how to create a background, text boxes, and slide transitions.
- Learn how to legally use free images to be inserted in their Power Point.

Shrewsbury Borough School District
Technology Curriculum Guide
 2016

NJCCSS:

8.1 Educational Technology All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaboratively and to create and communicate knowledge.

8.1.2.A Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.

8.1.5.A.1: Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems.

8.1.5.A.2: Format a document using a word processing application to enhance text and include graphics, symbols and/ or pictures.

8.1.5.A.3: Use a graphic organizer to organize information about problem or issue.

8.1.5.D.1: Understand the need for and use of copyrights.

8.1.5.D.2: Analyze the resource citations in online materials for proper use.

8.1.5.D.3: Demonstrate an understanding of the need to practice cyber safety, cyber security, and cyber ethics when using technologies and social media.

Unit Essential Questions:	Unit Enduring Understandings:
Unit Learning Targets <i>Students will know...</i>	Unit Learning Targets <i>Students will do...</i>

Shrewsbury Borough School District
Technology Curriculum Guide
2016

<ul style="list-style-type: none">● In a world of constant change, what skills should we learn?● How do I choose which technological tools to use and when it is appropriate to use them?	<ul style="list-style-type: none">● Each student will pick a planet out of a hat.● They will research specific information about the planet after learning correct way to use certain search engines.● Learn how to create a Power Point Presentation and why people do.● Remind students about how to use correct spacing, capital letters, and formatting when typing their information.● Learn how to create creative backgrounds, pick transitions, and insert sound effects.● Learn how to change text box colors and to insert shapes.● Learn how search for free images on the internet and how to insert them.● Students will present their Power Points to the class using the SMART Board.
--	---

Evidence of Learning

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Formative Assessments:

- Teacher Observation
- Project Based Assessment
- Classroom Participation

Equipment Needed:

- Microsoft Power Point
- SMART Board
- Safari (internet connection)
- Graphic Organizer of Planet Information
- Headphones

Teacher Resources:

Resources: All resources are in on teacher computer/grade level folders.

Unit 8 Overview

Unit Title: **Keyboarding**

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Marking Period: 2-4

Grade Level: Third Grade

Recommended Pacing: Continuous

Unit Summary:

- Gain knowledge of the keyboard.
- Review the “home row” keys, upper row, lower row, numbers, and symbols.
- Demonstrate ability to sit correctly and position fingers on the keyboard.
- Familiarize self with the keyboard without looking.
- Using the programs: Typing Instructor & Typing Club
- Navigate through a website or program.

NJCCSS:

8.1 Educational Technology All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaboratively and to create and communicate knowledge.

8.1.2.A Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.

8.1.2.A.1: Identify the basic features of a digital device and explain its purpose.

8.1.2.A.3: Compare the common uses of at least two different digital applications and identify the advantages and disadvantages of using each.

Shrewsbury Borough School District
Technology Curriculum Guide
 2016

8.1.2.A.4: Demonstrate developmentally appropriate navigation skills in virtual environments (i.e. games, museums).
8.1.5.A.1: Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems.

Unit Essential Questions:	Unit Enduring Understandings:
Unit Learning Targets <i>Students will know...</i>	Unit Learning Targets <i>Students will do...</i>
<ul style="list-style-type: none"> ● In a world of constant change, what skills should we learn? ● Can the student navigate through a website? ● Can students navigate through a program? 	<ul style="list-style-type: none"> ● Learn how to sit and hold hands correctly when typing. ● Students will practice putting their hands on the home row. ● Students will type a series of letters and punctuation on command. ● They will then go to Typing Club Keyboarding (web based) and complete specific levels till they are comfortable and familiar with the keyboard. ● Students will also have accounts on Typing Instructor where they can complete specific levels at their own pace.

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Evidence of Learning

Formative Assessments:

- Teacher Observation
- Skilled Based Assessment through the Typing Club program
- Classroom Participation

Equipment Needed:

- Safari
- Internet Connection
- Typing Club username and password

Shrewsbury Borough School District
Technology Curriculum Guide
2016

- Typing Instructor Keyboarding Software
- Headphones

Teacher Resources:

Resources: All resources are in on teacher computer/grade level folders.

Unit 9 Overview

Unit Title: **Technology In The Home Graph**

Marking Period: 3

Grade Level: Third Grade

Recommended Pacing: Two Classes

Unit Summary:

- Understand the program: Microsoft Excel.

Shrewsbury Borough School District
Technology Curriculum Guide
2016

- Demonstrate ability to collect data and input it into a spreadsheet.
- Demonstrate ability on how to create a colorful pie graph.

NJCCSS:

8.1 Educational Technology All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaboratively and to create and communicate knowledge.

8.1.2.A Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.

8.1.5.A.1: Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems.

8.1.5.A.4: Graph data using a spreadsheet, analyze and produce a report that explains the analysis of the data.

Unit Essential Questions:

Unit Enduring Understandings:

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Unit Learning Targets <i>Students will know...</i>	Unit Learning Targets <i>Students will do...</i>
<ul style="list-style-type: none">● In a world of constant change, what skills should we learn?● How do I choose which technological tools to use and when it is appropriate to use them?	<ul style="list-style-type: none">● Students will collect data using the SMART Board on what technology they have in their homes.● They will review the terminology used in Excel.● Students will open a blank spreadsheet in Microsoft Excel.● Students will input their class data in the spreadsheet.● Create a pie graph.● Change colors of graph, insert title, and percent labels.● Remind students about how to use correct spacing, capital letters, and formatting.● Discuss graphs data results.

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Evidence of Learning

Formative Assessments:

- Teacher Observation
- Project Based Assessment
- Classroom Participation

Equipment Needed:

- Microsoft Excel
- SMART Board

Teacher Resources:

Resources: All resources are in on teacher computer/grade level folders.

Unit 10 Overview

Unit Title: **Earth Super Hero**

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Marking Period: 4
Grade Level: Third Grade
Recommended Pacing: Four Classes
Unit Summary: <ul style="list-style-type: none">● Brainstorm an Earth super hero idea (“Going Green”) and super hero name.● Illustrate the super hero with a picture of students face.● Type a short paragraph about your super hero and how it helps the Earth.● Record your voice introducing your super hero and what he/she does.
NJCCSS: <u>8.1 Educational Technology All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaboratively and to create and communicate knowledge.</u> 8.1.2.A Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications. 8.1.5.A.1: Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems. 8.1.5.A.2: Format a document using a word processing application to enhance text and include graphics, symbols and/ or pictures. 8.1.2.B.1: Illustrate and communicate original ideas and stories using multiple digital tools and resources.

Shrewsbury Borough School District
Technology Curriculum Guide
 2016

Unit Essential Questions:	Unit Enduring Understandings:
Unit Learning Targets <i>Students will know...</i>	Unit Learning Targets <i>Students will do...</i>
<ul style="list-style-type: none"> ● In a world of constant change, what skills should we learn? 	<ul style="list-style-type: none"> ● Class discussion on “Going Green” and different ways to help the Earth. ● Students brainstorm what their super hero name would be and how their super hero will help the Earth. ● Illustrate their super hero performing their function with a picture of student’s face. ● Record voice introducing super hero and telling what he/she does.

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Evidence of Learning

Formative Assessments:

- Teacher Observation
- Project Based Assessment
- Classroom Participation

Equipment Needed:

- Pixie
- Headphones with microphones
- Super Hero Paper

Shrewsbury Borough School District
Technology Curriculum Guide
2016

- SMART Board

Teacher Resources:

Resources: All resources are in on teacher computer/grade level folders.

Unit 11 Overview

Unit Title: **Bookmark**

Marking Period: **4**

Grade Level: Third Grade

Recommended Pacing: Two Class

Unit Summary:

Shrewsbury Borough School District
Technology Curriculum Guide
 2016

- Demonstrate ability to open a template within a program.
- Understand how to resize stickers and stamps to fit a specific area.
- Learn how to glue down sticker letters to fill them with color patterns.

NJCCSS:

8.1 Educational Technology All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaboratively and to create and communicate knowledge.

8.1.2.A Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.

8.1.5.A.1: Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems.

8.1.5.A.2: Format a document using a word processing application to enhance text and include graphics, symbols and/ or pictures.

Unit Essential Questions:	Unit Enduring Understandings:
Unit Learning Targets <i>Students will know...</i>	Unit Learning Targets <i>Students will do...</i>

Shrewsbury Borough School District
Technology Curriculum Guide
2016

<ul style="list-style-type: none">● How can I transfer what I know to new technological situations/experiences?	<ul style="list-style-type: none">● Students will review how to open a pre-made template in Pixie by going to Open-Activities-Templates-Bookmark.● They will learn how to glue down letters to fill them with cool color patterns.● They will have to create their bookmark (name must be on it) and stickers/drawings.● When finished we will print, cut them out and tape together to be laminated.
---	--

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Evidence of Learning

Formative Assessments:

- Teacher Observation
- Project Based Assessment
- Classroom Participation

Equipment Needed:

- WebCam
- Pixie
- Colored Printer
- Scissors & Tape
- Laminator

Teacher Resources:

Resources: All resources are in on teacher computer/grade level folders.

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Unit 12 Overview
Unit Title: Appreciation Letter Marking Period: 4
Grade Level: Third Grade
Recommended Pacing: Two Classes
Unit Summary: <ul style="list-style-type: none">● Demonstrate ability to create a greeting card in Print Shop.● Write an appreciation letter to someone they know using a friendly letter format.● Demonstrate ability to use different features in Print Shop, including inserting text, headlines, clip art, and borders.
NJCCSS: <u>8.1 Educational Technology All students will use digital tools to access, manage, evaluate, and synthesize information in order to solve problems individually and collaboratively and to create and communicate knowledge.</u> 8.1.2.A Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications. 8.1.5.A.1: Select and use the appropriate digital tools and resources to accomplish a variety of tasks including solving problems.

Shrewsbury Borough School District
Technology Curriculum Guide
 2016

8.1.5.A.2: Format a document using a word processing application to enhance text and include graphics, symbols and/ or pictures.

Unit Essential Questions:	Unit Enduring Understandings:
Unit Learning Targets <i>Students will know...</i>	Unit Learning Targets <i>Students will do...</i>
<ul style="list-style-type: none"> ● How do I choose which technological tools to use and when it is appropriate to use them? 	<ul style="list-style-type: none"> ● Students will collect data using the SMART Board. ● Students will learn how to properly put data into the Excel spreadsheet. ● They will review the terminology used in Excel. ● Students will input the data of their favorite seasons in the spreadsheet. ● Then students will review how to properly highlight correct cells. ● Create a pie graph. ● Change colors of graph, insert title, and percent labels. ● Remind students about how to use correct spacing, capital letters, and formatting.

Shrewsbury Borough School District
Technology Curriculum Guide
2016

Evidence of Learning
<p>Formative Assessments:</p> <ul style="list-style-type: none">● Teacher Observation● Project Based Assessment● Classroom Participation
<p>Equipment Needed:</p> <ul style="list-style-type: none">● Print Shop● Colored Printer● SMART Board

Shrewsbury Borough School District
Technology Curriculum Guide
2016

--

Teacher Resources:

Resources: All resources are in on teacher computer/grade level folders.
--