

**Shrewsbury Borough School Technology Curriculum 2012  
Kindergarten**

<b>Marking Period 1:</b>	<b>Marking Period 2:</b>	<b>Marking Period 3:</b>	<b>Marking Period 4:</b>
<p><b><u>Topic 1:</u></b> <b><u>What's Your Name?:</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to wake up the computer properly.</p> <p>Learn how to hold the mouse correctly.</p> <p>Identify and demonstrate the difference between a click and a double click.</p> <p>Learn to click on a specific application.</p> <p>Understand when and how to pick up mouse and move it to a closer position.</p> <p>Learn how to click and drag using the mouse.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open Pixie and write name, using the click and drag feature.</p>	<p><b><u>Topic 6:</u></b> <b><u>Stickers!</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to open an application.</p> <p>Understand when and how to use the Shift key.</p> <p>Learn to go into stickers and into sticker folder subcategories.</p> <p>Learn to put stickers on document.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open a Pixie document.</p> <p>Create a text box and type their name using correct capitalization.</p> <p>Select stickers of their favorite things and put all around their name.</p>	<p><b><u>Topic 11:</u></b> <b><u>President's Day</u></b></p> <p><b>Objectives:</b></p> <p>Students will:</p> <p>Demonstrate ability to open an application.</p> <p>Understand when and how to use the Shift key.</p> <p>Learn how to use an apostrophe.</p> <p>Manipulate the webcam and sticker sizes.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open Pixie to create a text box.</p> <p>They will type "Happy President's Day" using correct capitalization and punctuation.</p> <p>Using the click and drag feature, make sticker of a dollar bill larger.</p>	<p><b><u>Topic 15:</u></b> <b><u>If I Were...</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to open an application.</p> <p>Understand when and how to use the Shift key.</p> <p>Demonstrate how to get a text box and use correct spacing to type a sentence.</p> <p>Manipulate the webcam and sticker sizes.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open Pixie and create a text box.</p> <p>They will type, "If I were a king/princess I would..." using correct capitalization, spacing, punctuation.</p> <p>They will take a picture of their faces.</p>

<p>Select a paintbrush size and color.</p> <p>Draw pictures/designs next to/around their name.</p> <p><b>Essential Questions:</b></p> <p>Can the student double click, manipulate the mouse, and click and drag?</p> <p><b>Materials:</b></p> <p>Pixie</p> <p>Name Tag (help them spell name)</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p>	<p><b>Essential Questions:</b></p> <p>How can I transfer what I know to new technological situations/experiences?</p> <p><b>Materials:</b></p> <p>Pixie</p> <p>Colored Printer</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p> <p><b>Topic 7:</b> <b><u>Snowman</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to open an application.</p> <p>Understand how to use the paintbrush and colors to create a picture.</p> <p>Use stamps and stickers to enhance picture.</p>	<p>Fill the background with a color.</p> <p>Take a picture of their face and put it on the dollar bill.</p> <p><b>Essential Questions:</b></p> <p>How can digital tools be used for creating original and innovative works, ideas, and solutions?</p> <p><b>Materials:</b></p> <p>Pixie</p> <p>WebCam</p> <p>Colored Printer</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p>	<p>Then go into Objects-Everyday Stickers and find the crown sticker to place over their face.</p> <p>Fill the background with a color.</p> <p>Draw a picture to represent their sentence written.</p> <p><b>Essential Questions:</b></p> <p>How can digital tools be used for creating original and innovative works, ideas, and solutions?</p> <p><b>Materials:</b></p> <p>Pixie</p> <p>WebCam</p> <p>Colored Printer</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p>
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<p><b><u>Topic 2:</u></b> <b><u>Tracing Skills:</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to wake up the computer properly.</p> <p>Show ability to double click on pre-made document.</p> <p>Understand how to change size of paintbrush and color.</p> <p>Demonstrate ability of mousing skills.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open pre-made Pixie tracing document.</p> <p>Select a paintbrush size and color.</p> <p>Using the click and drag feature, trace the shapes with the paintbrush.</p> <p><b>Essential Questions:</b></p> <p>How do I choose which technological tools to use and when it is appropriate to use them?</p>	<p>Learn how to use the webcam to take a picture of own face.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open a Pixie document.</p> <p>Create a snowman picture with background.</p> <p>Take picture of face using webcam to put face on snowman.</p> <p><b>Essential Questions:</b></p> <p>How can digital tools be used for creating original and innovative works, ideas, and solutions?</p> <p><b>Materials:</b></p> <p>Pixie</p> <p>WebCam</p> <p>Colored Printer</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p>	<p><b><u>Topic 12:</u></b> <b><u>Jigsaw Puzzles</u></b></p> <p><b>Objectives:</b></p> <p>Learn how to get to the internet.</p> <p>Understand how to type in a website correctly in the URL box.</p> <p>Learn how navigate through a website.</p> <p>Manipulate the puzzle pieces to complete a jigsaw puzzle.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open Safari and type in the correct web address: <a href="http://www.jigzone.com">www.jigzone.com</a>.</p> <p>They will pick a puzzle to complete from numerous categories.</p> <p>Learn how to change the puzzle cut to 6 and 12 pieces.</p> <p>Complete puzzles using mousing skills.</p> <p>Learn how to use the back</p>	<p><b><u>Topic 16:</u></b> <b><u>Love Movies</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to open an application.</p> <p>Demonstrate an ability to select specific tools within the application.</p> <p>Create a “love” picture</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open Pixie by double clicking.</p> <p>Select the paintbrush size.</p> <p>Create their love pictures using tools and paint.</p> <p>Record video of student answering questions about love.</p> <p><b>Essential Questions:</b></p> <p>How can digital tools be used for creating original and innovative works, ideas, and solutions?</p>
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<p><b>Materials:</b></p> <p>Pixie</p> <p>Pre-Made Document</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p> <p><b><u>Topic 3:</u></b> <b><u>Help Johnny Sort</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to open an application.</p> <p>Learn to open activities within an application.</p> <p>Sort by color using the click and drag method.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open Pixie and go to Open-Activities-Math-Sorting to open a pre-made activity.</p>	<p>Classroom Participation</p> <p><b><u>Topic 8:</u></b> <b><u>Matching Shapes</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to open an application.</p> <p>Understand how to open activities within an application.</p> <p>Match shapes of items.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open Pixie and go to Open-Activities-Math-matching shapes to open a pre-made activity.</p> <p>Match shapes of items with the shapes given by clicking and dragging.</p> <p>Type name using correct punctuation.</p> <p><b>Essential Questions:</b></p> <p>How can I transfer what I know to new technological situations/experiences?</p>	<p>arrow on the internet.</p> <p>Review how to quit out of programs.</p> <p><b>Essential Questions:</b></p> <p>In a world of constant change, what skills should we learn?</p> <p><b>Materials:</b></p> <p>Safari</p> <p>Internet Connection</p> <p>Website Strip</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p> <p><b><u>Topic 13:</u></b> <b><u>ABC Books</u></b></p> <p><b>Objectives:</b></p> <p>Learn how to get to the internet.</p> <p>Understand how to type in a website correctly in the URL</p>	<p><b>Materials:</b></p> <p>Pixie</p> <p>iMovie</p> <p>Photobooth</p> <p>Microphone</p> <p>WebCam</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p> <p><b><u>Topic 17:</u></b> <b><u>Emotions</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to open an application.</p> <p>Understand when and how to use the Shift key.</p> <p>Demonstrate ability to make numerous text boxes and change color.</p>
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<p>Sort apples by color in 4 different barrels by clicking and dragging.</p> <p>Learn how to undo if a mistake is made.</p> <p><b>Essential Questions:</b></p> <p>How can I transfer what I know to new technological situations/experiences?</p> <p><b>Materials:</b></p> <p>Pixie</p> <p>Name Tag (help students to spell name)</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p>	<p><b>Materials:</b></p> <p>Pixie</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p> <p><b>Topic 9:</b> <b><u>Number Book</u></b></p> <p><b>Objectives: :</b></p> <p>Demonstrate ability to open an application.</p> <p>Understand how to open activities within an application.</p> <p>Students will create and design their own number books.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open Pixie and go to Open-Activities-Math-Numbers to open a pre-made activity.</p> <p>Draw or use stickers to represent each specific number.</p>	<p>box.</p> <p>Learn how to navigate through a website.</p> <p>Demonstrate ability to use the keyboard and mouse to complete each letter.</p> <p>Cooperatively create a class ABC book.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open Safari and type in the correct web address to get to the ABC game.</p> <p>They will play the game to brainstorm what letters certain objects start with.</p> <p>Then, in Pixie, they will use the text box to create a capital and lowercase letter of the letter they receive.</p> <p>Must draw/find and drag on stickers (4 or more items) that begin with the letter they are given.</p> <p>Review how to quit out of programs.</p>	<p>Manipulate the webcam and sticker sizes.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open Pixie and create a text box.</p> <p>“___’s Different Faces” and under it type “I am feeling...” so they will learn how to create different text boxes on one page.</p> <p>Students then select 5 emotions and take pictures of themselves showing that emotion.</p> <p>Under the picture they will type the emotion they portrayed.</p> <p>Using the click and drag feature, make stickers of faces smaller in size.</p> <p>Fill the background with a color.</p> <p><b>Essential Questions:</b></p> <p>How can digital tools be used for creating original and innovative works, ideas, and solutions?</p>
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<p><b><u>Topic 4:</u></b> <b><u>Proud American Movies</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to open an application.</p> <p>Learn how to select tools within the application.</p> <p>Draw picture.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open Pixie by double clicking.</p> <p>Select the paintbrush size.</p> <p>Draw a picture by clicking and dragging the paintbrush.</p> <p>Demonstrate how to change the color of the paintbrush for each object drawn.</p> <p>Learn how to undo if a mistake is made.</p> <p>Create a second picture of why they are proud to be an American.</p>	<p>(Each number on a new page.)</p> <p>Create a Number Book cover.</p> <p><b>Essential Questions:</b></p> <p>How can I transfer what I know to new technological situations/experiences?</p> <p><b>Materials:</b></p> <p>Pixie</p> <p>Color Printer</p> <p>Spine Binding</p> <p>Binding Machine</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p> <p><b><u>Topic 10:</u></b> <b><u>Tracing Skills #2</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to open a pre-made document.</p>	<p><b>Essential Questions:</b></p> <p>How can I transfer what I know to new technological situations/experiences?</p> <p><b>Materials:</b></p> <p>Safari</p> <p>Internet Connection</p> <p>Website Strip</p> <p>Pixie</p> <p>Letters organized by difficulty</p> <p>Color Printer</p> <p>Binding Spine</p> <p>Binding Machine</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p>	<p><b>Materials:</b></p> <p>Pixie</p> <p>WebCam</p> <p>Color Printer</p> <p>“Emotions” Paper Sheet</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p> <p><b><u>Topic 18:</u></b> <b><u>Poem For Parents</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to open an application.</p> <p>Learn how to use the Return key.</p> <p>Understand when and how to use the Shift key.</p> <p>Demonstrate how to get a text box and use correct spacing to type a poem.</p>
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<p>Take digital picture of student wearing an American Hat.</p> <p>Record voice introducing themselves and saying why they are proud to be an American.</p> <p><b>Essential Questions:</b></p> <p>How can digital tools be used for creating original and innovative works, ideas, and solutions?</p> <p><b>Materials:</b></p> <p>Pixie</p> <p>iMovie</p> <p>Headphones</p> <p>Microphone</p> <p>Digital Camera/WebCam</p> <p>American Hat</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p>	<p>Understand how to change size of paintbrush and color.</p> <p>Demonstrate ability of mousing skills.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open pre-made Pixie tracing document.</p> <p>Select a paintbrush size and color.</p> <p>Using the click and drag feature, trace the shapes with the paint brush</p> <p><b>Essential Questions:</b></p> <p>How do I choose which technological tools to use and when it is appropriate to use them?</p> <p><b>Materials:</b></p> <p>Pixie</p> <p>Pre-Made Document</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p>	<p><b><u>Topic 14:</u></b> <b><u>St. Patrick's Day</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to open an application.</p> <p>Understand when and how to use the Shift key.</p> <p>Demonstrate how to use an apostrophe.</p> <p>Manipulate the webcam and sticker sizes.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open Pixie and create a text box.</p> <p>They will type "Happy St. Patrick's Day" using correct capitalization and punctuation.</p> <p>Go into Holiday Stickers and find St. Patrick's Day stickers to create picture.</p> <p>Fill the background with a color.</p> <p>Take a picture of their face and put it on the leprechaun.</p>	<p>Manipulate the webcam to take picture of self in a heart.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open Pixie and create a text box.</p> <p>They will type the poem, using correct punctuation, spacing and capitalization.</p> <p>Change color of font.</p> <p>They will take a picture of their faces to place in a heart.</p> <p>Then they will take their print out to Art class where they will put their handprints on each side of the poem.</p> <p><b>Essential Questions:</b></p> <p>How can digital tools be used for creating original and innovative works, ideas, and solutions?</p>
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<p><b><u>Topic 5:</u></b> <b><u>Alphabet Using Shift</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to open an application.</p> <p>Learn to use the Shift key.</p> <p>Learn the Space Bar.</p> <p>Learn the Delete Key.</p> <p>Gain knowledge of the keyboard.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open a blank document in Microsoft Word.</p> <p>Type their name using correct capitalization.</p> <p>Type the alphabet with one letter uppercase and one letter lowercase.</p> <p>Include a space in-between each letter group.</p>	<p>Project Based Assessment</p> <p>Classroom Participation</p>	<p><b>Essential Questions:</b></p> <p>How can digital tools be used for creating original and innovative works, ideas, and solutions?</p> <p><b>Materials:</b></p> <p>Pixie</p> <p>WebCam</p> <p>Colored Printer</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p>	<p><b>Materials:</b></p> <p>Pixie</p> <p>WebCam</p> <p>Colored Printer</p> <p>Poem (3 Parts)</p> <p>Paint/Ink for hands</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p> <p><b><u>Topic 19:</u></b> <b><u>Poem For Parents</u></b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to open an application.</p> <p>Understand when and how to use the Shift key.</p> <p>Manipulate the webcam to take picture of self in a star.</p> <p>Use tools to create final picture.</p>
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<p><b>Essential Questions:</b></p> <p>In a world of constant change, what skills should we learn?</p> <p><b>Materials:</b></p> <p>Microsoft Word</p> <p>Alphabet Strips</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Skills Based Assessment</p> <p>Classroom Participation</p>			<p>Learn how to make an exclamation point holding down shift+1.</p> <p><b>Lessons, Activities, &amp; Student Products:</b></p> <p>Students will open Pixie and create a text box.</p> <p>They will type “(their name) is a star!”</p> <p>Change color of font.</p> <p>They will take a picture of their faces in a star and make the sticker larger.</p> <p>They will spray stars in different colors and sizes on the right and under their words/picture.</p> <p><b>Essential Questions:</b></p> <p>How can digital tools be used for creating original and innovative works, ideas, and solutions.</p> <p><b>Materials:</b></p> <p>Pixie</p> <p>WebCam</p>
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			<p>Colored Printer</p> <p>Strip of Words</p> <p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Project Based Assessment</p> <p>Classroom Participation</p>
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<p><b>NJCCCS:</b></p> <p><b><u>8.1 Educational Technology</u></b>  <b><u>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></b></p> <p><b>8.1.2.A Technology Operations and Concepts:</b>  <b>The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</b></p> <p><b>8.1.2.A.1:</b> Identify the basic features of a computer and explain how to use them effectively.</p> <p><b>8.1.2.A.2:</b> Use technology terms in daily practice.</p> <p><b>8.1.2.A.3:</b> Discuss the common uses of computer applications and hardware and identify their advantages and disadvantages.</p> <p><b>8.1.2.A.4:</b> Create a document with text using a word processing program.</p>	<p><b>NJCCCS:</b></p> <p><b><u>8.1 Educational Technology</u></b>  <b><u>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></b></p> <p><b>8.1.2.A Technology Operations and Concepts:</b>  <b>The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</b></p> <p><b>8.1.2.A.1:</b> Identify the basic features of a computer and explain how to use them effectively.</p> <p><b>8.1.2.A.2:</b> Use technology terms in daily practice.</p> <p><b>8.1.2.A.3:</b> Discuss the common uses of computer applications and hardware and identify their advantages and disadvantages.</p> <p><b>8.1.2.A.4:</b> Create a document with text using a word processing program.</p>	<p><b>NJCCCS:</b></p> <p><b><u>8.1 Educational Technology</u></b>  <b><u>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></b></p> <p><b>8.1.2.A Technology Operations and Concepts:</b>  <b>The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</b></p> <p><b>8.1.2.A.1:</b> Identify the basic features of a computer and explain how to use them effectively.</p> <p><b>8.1.2.A.2:</b> Use technology terms in daily practice.</p> <p><b>8.1.2.A.3:</b> Discuss the common uses of computer applications and hardware and identify their advantages and disadvantages.</p> <p><b>8.1.2.A.4:</b> Create a document with text using a word processing program.</p>	<p><b>NJCCCS:</b></p> <p><b><u>8.1 Educational Technology</u></b>  <b><u>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></b></p> <p><b>8.1.2.A Technology Operations and Concepts:</b>  <b>The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</b></p> <p><b>8.1.2.A.1:</b> Identify the basic features of a computer and explain how to use them effectively.</p> <p><b>8.1.2.A.2:</b> Use technology terms in daily practice.</p> <p><b>8.1.2.A.3:</b> Discuss the common uses of computer applications and hardware and identify their advantages and disadvantages.</p> <p><b>8.1.2.A.4:</b> Create a document with text using a word processing program.</p>
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<p><b>8.1.4.A The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</b></p> <p><b>8.1.4.A.1:</b> Demonstrate effective input of text and data using an input device.</p> <p><b>8.1.4.A.3:</b> Create and present a multimedia presentation that includes graphics.</p> <p><b>8.1.2.B Creativity and Innovation: The use of digital tools and media-rich resources enhances creativity and the construction of knowledge.</b></p> <p><b>8.1.2.B.1:</b> Illustrate and communicate original ideas and stories using digital tools and media-rich resources.</p> <p><b>8.1.2.C: Communication and Collaboration: Digital tools and environments support the learning process and foster collaboration in solving local or global issues and problems.</b></p> <p><b>8.1.2.C.1:</b> Engage in a variety of developmentally appropriate</p>	<p><b>8.1.4.A The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</b></p> <p><b>8.1.4.A.1:</b> Demonstrate effective input of text and data using an input device.</p> <p><b>8.1.2.B Creativity and Innovation: The use of digital tools and media-rich resources enhances creativity and the construction of knowledge.</b></p> <p><b>8.1.2.B.1:</b> Illustrate and communicate original ideas and stories using digital tools and media-rich resources.</p> <p><b>8.1.2.C: Communication and Collaboration: Digital tools and environments support the learning process and foster collaboration in solving local or global issues and problems.</b></p> <p><b>8.1.2.C.1:</b> Engage in a variety of developmentally appropriate learning activities with students in other classes, schools, or countries using electronic tools.</p>	<p><b>8.1.2.A.5</b> Demonstrate the ability to navigate in virtual environments that are developmentally appropriate.</p> <p><b>8.1.4.A The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</b></p> <p><b>8.1.4.A.1:</b> Demonstrate effective input of text and data using an input device.</p> <p><b>8.1.2.B Creativity and Innovation: The use of digital tools and media-rich resources enhances creativity and the construction of knowledge.</b></p> <p><b>8.1.2.B.1:</b> Illustrate and communicate original ideas and stories using digital tools and media-rich resources.</p> <p><b>8.1.2.C: Communication and Collaboration: Digital tools and environments support the learning process and foster collaboration in solving local or global issues and problems.</b></p>	<p><b>8.1.2.A.5</b> Demonstrate the ability to navigate in virtual environments that are developmentally appropriate.</p> <p><b>8.1.4.A The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</b></p> <p><b>8.1.4.A.1:</b> Demonstrate effective input of text and data using an input device.</p> <p><b>8.1.4.A.3:</b> Create and present a multimedia presentation that includes graphics.</p> <p><b>8.1.2.B Creativity and Innovation: The use of digital tools and media-rich resources enhances creativity and the construction of knowledge.</b></p> <p><b>8.1.2.B.1:</b> Illustrate and communicate original ideas and stories using digital tools and media-rich resources.</p> <p><b>8.1.2.C: Communication and Collaboration: Digital tools and environments support the learning process and foster collaboration in solving</b></p>
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<p>learning activities with students in other classes, schools, or countries using electronic tools.</p> <p><b><u>8.2 Technology Education, Engineering, and Design</u></b> All students will develop an understanding of the nature and impact of technology, engineering, technological design, and the designed world, as they relate to the individual, global society, and the environment.</p> <p><b>8.2.2.A Nature of Technology: Creativity and Innovation Technology products and systems impact every aspect of the world in which we live.</b></p> <p><b>8.2.2.A.1:</b> Describe how technology products, systems, and resources are useful at school, home, and work.</p>	<p><b><u>8.2 Technology Education, Engineering, and Design</u></b> All students will develop an understanding of the nature and impact of technology, engineering, technological design, and the designed world, as they relate to the individual, global society, and the environment.</p> <p><b>8.2.2.A Nature of Technology: Creativity and Innovation Technology products and systems impact every aspect of the world in which we live.</b></p> <p><b>8.2.2.A.1:</b> Describe how technology products, systems, and resources are useful at school, home, and work.</p>	<p><b>8.1.2.C.1:</b> Engage in a variety of developmentally appropriate learning activities with students in other classes, schools, or countries using electronic tools.</p> <p><b><u>8.2 Technology Education, Engineering, and Design</u></b> All students will develop an understanding of the nature and impact of technology, engineering, technological design, and the designed world, as they relate to the individual, global society, and the environment.</p> <p><b>8.2.2.A Nature of Technology: Creativity and Innovation Technology products and systems impact every aspect of the world in which we live.</b></p> <p><b>8.2.2.A.1:</b> Describe how technology products, systems, and resources are useful at school, home, and work.</p>	<p><b>local or global issues and problems.</b></p> <p><b>8.1.2.C.1:</b> Engage in a variety of developmentally appropriate learning activities with students in other classes, schools, or countries using electronic tools.</p> <p><b><u>8.2 Technology Education, Engineering, and Design</u></b> All students will develop an understanding of the nature and impact of technology, engineering, technological design, and the designed world, as they relate to the individual, global society, and the environment.</p> <p><b>8.2.2.A Nature of Technology: Creativity and Innovation Technology products and systems impact every aspect of the world in which we live.</b></p> <p><b>8.2.2.A.1:</b> Describe how technology products, systems, and resources are useful at school, home, and work.</p>
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