

**Shrewsbury Borough School Technology Curriculum 2012  
Grade 7**

<p><b>Topic 1: Internet Safety/Cyberbullying</b></p> <p><b>Objectives:</b></p> <p>Understand the positive and negatives to the internet.</p> <p>Demonstrate ability to know how to surf the web safely.</p> <p>Understand the signs to be concerned with when online.</p> <p>Understand entire definition of Cyberbullying.</p> <p>Watch a video clip from Netsmartz.org.</p> <p><b>Essential Questions:</b></p> <p>In a world of constant change, how should students stay proactive in the fight against internet crimes?</p>	<p><b>Student Products:</b></p> <p>Students will have a group discussion with teacher about internet safety and cyberbullying.</p> <p>More in-depth talk about Cyberbullying and how it can affect others.</p> <p>Students can discuss what they like to do online and teacher will explain how to make sure they are being safe.</p> <p>Questions will be answered about the subject.</p> <p>Watch video clip about “Cyberbullying” at <a href="http://www.netsmartz.org/TeensTalkBack/Cyberbullying">http://www.netsmartz.org/TeensTalkBack/Cyberbullying</a></p>	<p><b>Materials:</b></p> <p>Internet Connection</p> <p>SMART Board</p> <p>State Police’s <i>Internet Safety Initiative</i> Notes</p> <p>Website- NSTeens on Netsmartz.org. (“Teens Talk Back”- Cyberbullying)</p>	<p><b>Assessment:</b></p> <p>Teacher Observation</p> <p>Classroom Participation/ Acknowledgement</p>	<p><b>NJCCCS:</b></p> <p><b><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></b></p> <p><b>8.1.8.D. Technological advancements create societal concerns regarding the practice of safe, legal, and ethical behaviors.</b></p> <p><b>8.1.8.D.1:</b> Model appropriate online behaviors related to cyber safety, cyber bullying, cyber security, and cyber ethics.</p> <p><b>8.1.8.D.2:</b> Summarize the application of fair use and Creative Commons guidelines.</p>
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<p>Why is it important to teach about cyberbullying to the students?</p>				<p><b>8.1.8.D.3:</b> Demonstrate how information on a <a href="#">controversial issue</a> may be biased.</p>
<p><b>Topic 2: Wordle</b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to use google to find a specific site.</p> <p>Demonstrate ability create a wordle ("word cloud")</p> <p>Compose an Word document of all words that describe you.</p> <p>Learn how to screen shot.</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>In a world of constant change, what skills should we learn?</p> <p>How can I transfer what I know to new technological situations/ experiences?</p>	<p><b>Student Products:</b></p> <p>Students will learn how to create a wordle by seeing it on the SMART Board.</p> <p>I will show them how to copy and paste the information about themselves from Word to the internet.</p> <p>Their first name has to be the largest word on the wordle, so it must be typed the most about of times.</p> <p>They will save their words that describe themselves or things they love in Word.</p> <p>Create a Wordle using different colors, styles, and formats.</p> <p>The students will screen shot their wordle and print it out after re-naming it in their folder.</p> <p>This is a brainstorming</p>	<p><b>Materials:</b></p> <p>Internet Connection</p> <p>Microsoft Word</p> <p>Colored Printer</p>	<p><b>Assessment:</b></p> <p>Rubric for <i>Wordle</i></p> <p>Teacher Observation</p> <p>Class Work Grade/ Use of Class Time</p>	<p><b>NJCCCS:</b></p> <p><b><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></b></p> <p><b>8.1.8.A. Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</b></p> <p><b>8.1.8.A.1:</b> Create professional documents (e.g., newsletter personalized learning plan, business letter or</p>

	activity for their visual essays.			<p>flyer) using advanced features of a word processing program.</p> <p><b>8.1.8.A.5:</b> Select and use appropriate tools and digital resources to accomplish a variety of tasks and to solve problems.</p> <p><b>8.1.8.D. Digital Citizenship: Technological advancements create societal concerns regarding the practice of safe, legal, and ethical behaviors.</b></p> <p><b>8.1.8.D.1:</b> Model appropriate online behaviors related to cyber safety, cyber bullying, cyber security, and cyber ethics.</p> <p><b>8.1.8.D.2</b> Summarize the application of the fair use and Creative Commons guidelines.</p>
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<p><b>Topic 3: Visual Essay</b></p> <p><b>Objectives:</b></p> <p>Students will create, take, and find pictures that represent their personalities.</p> <p>Demonstrate ability to use different layers and effects to portray oneself.</p> <p>Compose a visual essay in Imageblender.</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>In a world of constant change, what skills should we learn?</p> <p>How can I transfer what I know to new technological situations/ experiences?</p>	<p><b>Student Products:</b></p> <p>Students will find pictures that represent what they love and who they are.</p> <p>Then students will take a picture of themselves possibly using effects.</p> <p>They will review how to put different images/layers on their canvas.</p> <p>Use the effects tab to create different effects to each picture.</p> <p>Create their visual essay on Imageblender.</p> <p>Can use text or Graffiti Creator to write their names.</p> <p>Students will save and print.</p>	<p><b>Materials:</b></p> <p>Internet Connection</p> <p>Imageblender</p> <p>Colored Printer</p>	<p><b>Assessment:</b></p> <p>Rubric for <i>Visual Essay</i></p> <p>Teacher Observation</p> <p>Class Work Grade/ Use of Class Time</p>	<p><b>NJCCCS:</b></p> <p><b><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></b></p> <p><b>8.1.8.A. Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</b></p> <p><b>8.1.8.A.1:</b> Create professional documents (e.g., newsletter personalized learning plan, business letter or flyer) using advanced features of a word processing program.</p>
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<p><b>Topic 4: Business Cards</b></p> <p><b>Objectives:</b></p> <p>Students will learn how to create their own business card.</p> <p>Show ability to find images of specific subject on the internet and use it to create their own picture.</p> <p>Create business card in Print Shop.</p> <p>Understand the importance and purpose for business cards.</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>In a world of constant change, what skills should we learn?</p> <p>How can I transfer what I know to new technological situations/ experiences?</p>	<p><b>Student Products:</b></p> <p>Students will come up with an futuristic invention.</p> <p>They will choose a style of format for their business card.</p> <p>The students will type their information where they want each part of their information.</p> <p>They will include their name, a job title, phone number, fax number, icon, quote, address, and contact information.</p> <p>They can create a logo or icon that represents their company/invention.</p>	<p><b>Materials:</b></p> <p>Print Shop</p> <p>Imageblender</p> <p>Internet Connection</p> <p>Pixie</p> <p>Printer</p>	<p><b>Assessment:</b></p> <p>Rubric for <i>Business Card</i></p> <p>Teacher Observation</p> <p>Class Work Grade/ Use of Class Time</p>	<p><b>NJCCCS:</b></p> <p><b><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></b></p> <p><b>8.1.8.A. Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</b></p> <p><b>8.1.8.A.1:</b> Create professional documents (e.g., newsletter personalized learning plan, business letter or flyer) using advanced features of a word processing program.</p>
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<p><b>Topic 5: Invention Flyer</b></p> <p><b>Objectives:</b></p> <p>Students will discuss and understand why companies create flyers/ advertisements/ coupons.</p> <p>Demonstrate how to create a flyer in either Print Shop or Microsoft Word.</p> <p>Be able to change color, text box colors, and format to create a creative and practical flyer.</p> <p>Demonstrate ability to include specific information in their flyer.</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>In a world of constant change, what skills should we learn?</p> <p>How can I transfer what I know to new technological situations/ experiences?</p>	<p><b>Student Products:</b></p> <p>Students will put together a plan of how their invention works.</p> <p>They will come up with features for the product.</p> <p>Then the students will decide to use Print Shop or Microsoft Word.</p> <p>The students will go through a series of formats and select the one they like the best.</p> <p>Students will change the color and style of the page to fit their needs.</p> <p>They must include an image of their product, this can be designed in Pixie or Imageblender.</p> <p>They also must include: name of product, name of inventor, explanation of product, name of company, address, website, phone/fax number, and e-mail.</p> <p>The students will realize</p>	<p><b>Materials:</b></p> <p>Internet Connection</p> <p>Print Shop</p> <p>Microsoft Word</p> <p>Imageblender</p> <p>Pixie</p> <p>Colored Printer</p>	<p><b>Assessment:</b></p> <p>Rubric for <i>Invention Flyer</i></p> <p>Teacher Observation</p> <p>Class Work Grade/ Use of Class Time</p>	<p><b>NJCCCS:</b></p> <p><b><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></b></p> <p><b>8.1.8.A. Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</b></p> <p><b>8.1.8.A.1:</b> Create professional documents (e.g., newsletter personalized learning plan, business letter or flyer) using advanced features of a word processing program.</p>
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	<p>that the main part of this project is to realize what helps sell different products, so they will offer a sale or coupon for their product.</p> <p>When finished they will save and print.</p>			<p><b>8.1.8.A.5:</b> Select and use appropriate tools and digital resources to accomplish a variety of tasks and to solve problems.</p> <p><b>8.1.8.D. Digital Citizenship: Technological advancements create societal concerns regarding the practice of safe, legal, and ethical behaviors.</b></p> <p><b>8.1.8.D.1:</b> Model appropriate online behaviors related to cyber safety, cyber bullying, cyber security, and cyber ethics.</p> <p><b>8.1.8.D.2</b> Summarize the application of the fair use and Creative Commons guidelines.</p>
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<p><b>Topic 6: Commercial</b></p> <p><b>Objectives:</b></p> <p>Students will use all applications previously taught to create a commercial trying to sell their invention.</p> <p>Demonstrate knowledge of iMovie and how to import clips, pictures, videos, etc.</p> <p>Write a persuasive script, trying to convince audience to buy product.</p> <p>Demonstrate ability to record their own voice in iMovie using voice over techniques.</p> <p>Be able to create pictures in other applications and export to use in iMovie.</p>	<p><b>Student Products:</b></p> <p>Students will write script of commercial trying to be persuasive.</p> <p>They will create all slides/video in Pixie, Imageblender, PhotoBooth, and us the internet.</p> <p>They will have to figure out a way to represent each point of why their invention should be bought.</p> <p>Input music: They will create music in Garageband or use pre-made jingles in iMovie.</p> <p>Students will export movie when finished.</p>	<p><b>Materials:</b></p> <p>Microsoft Word</p> <p>Pencils/Paper if needed</p> <p>iMovie</p> <p>Photobooth</p> <p>Imageblender</p> <p>Pixie</p> <p>Internet Connection</p> <p>Headphones</p> <p>Microphones</p> <p>Garageband</p> <p>iTunes</p>	<p><b>Assessment:</b></p> <p>Rubric for <i>Invention Commercial</i></p> <p>Teacher Observation</p> <p>Class Work Grade/ Use of Class Time</p>	<p><b>NJCCCS:</b></p> <p><b><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></b></p> <p><b>8.1.8.A. Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</b></p> <p><b>8.1.8.A.1:</b> Create professional documents (e.g., newsletter, personalized learning plan, business letter or flyer) using advanced features of a word processing program.</p>
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<p><b>Essential Questions:</b></p> <p>How can digital tools be used for creating original and innovative works, ideas, and solutions?</p> <p>In a world of constant change, what skills should we learn?</p> <p>How can I transfer what I know to new technological situations/ experiences?</p>				<p><b>8.1.8.A.3:</b> Create a multimedia presentation including sound and images.</p> <p><b>8.1.8.A.5:</b> Select and use appropriate tools and digital resources to accomplish a variety of tasks and to solve problems.</p> <p><b>8.1.12.A. Technology Operations and Concepts: The use of technology and digital tools requires knowledge and appropriate use of operations and related applications.</b></p> <p><b>8.1.12.A2:</b> Produce and edit a multi-page document for a commercial or professional audience using desktop publishing and or graphics software.</p> <p><b>8.1.8.D. Digital Citizenship: Technological advancements create societal concerns</b></p>
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				<p><b>regarding the practice of safe, legal, and ethical behaviors.</b></p> <p><b>8.1.8.D.1:</b> Model appropriate online behaviors related to cyber safety, cyber bullying, cyber security, and cyber ethics.</p> <p><b>8.1.8.D.2</b> Summarize the application of the fair use and Creative Commons guidelines.</p>
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