

**Shrewsbury Borough School Technology Curriculum 2012  
Grade 8**

<b>Topic 1: Internet Safety/Cyberbullying</b>	<b>Student Products:</b>	<b>Materials:</b>	<b>Assessment:</b>	<b>NJCCCS:</b>
<p><b>Objectives:</b></p> <p>Understand the positive and negatives to the internet.</p> <p>Modeling appropriate online behaviors related to cyber safety, cyber security, and cyber ethics.</p> <p>Understand entire definition of Cyberbullying.</p> <p>Watch 4 different video clips from Netsmartz.org.</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>Discuss fair use and Creative Commons guidelines.</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. (Real Life Stories: “Two Kinds of Stupid”: inappropriate pictures)</p> <p>Website- NSTeens on Netsmartz.org (Real Life Stories: “Amy’s Choice”: meeting offline)</p> <p>Website- NSTeens on Netsmartz.org (Real Life Stories: “Survivor Diaries”: online victimization)</p>	<p>Teacher Observation</p> <p>Classroom Participation/ Acknowledgement</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>
<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>Why is it important to teach about</p>	<p>Questions will be answered about the subject.</p> <p>Watch video clip about “Cyberbullying” at <a href="http://www.netsmartz.org/">http://www.netsmartz.org/</a> TeensTalkBack/Cyberbullying.</p>	<p>Website- NSTeens on Netsmartz.org (Real Life Stories: “You Can’t Take It Back”) participation websites</p>		

<p>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: Current Events Video Montage</b></p> <p><b>Objectives:</b></p> <p>Demonstrate ability to use various applications previously learned to create slides for specific reasons to be used in their movie.</p> <p>Demonstrate ability to create a movie with flow and consistency.</p> <p>Demonstrate ability to gather data, graph, and change to a jpeg to put a graph in the movie.</p> <p>Perform interviews outside of the lab about a chosen topic to enhance movie.</p> <p>Insert music in movie, after either creating or retrieving music.</p>	<p><b>Student Products:</b></p> <p>We will go over what is expected for them to do for this project, since it has many parts.</p> <p>Partners will be selected.</p> <p>I will show them examples of previous class projects to critique both positives and how they could have made better.</p> <p>The movie must have a creative introduction and conclusion.</p> <p>The topics they must include are: Major Events, Local Events, Government News, Sports Information, Fashion, Celebrity News, Popular TV Shows, Latest Tech Tools, and any Controversial Topics.</p>	<p><b>Materials:</b></p> <p>Internet Connection</p> <p>Microsoft Word</p> <p>iMovie</p> <p>Pixie</p> <p>Imageblender</p> <p>PhotoBooth</p> <p>Headphones</p> <p>Microphones</p> <p>Garageband</p> <p>Flip Video Camera</p> <p>Microsoft Excel</p>	<p><b>Assessment:</b></p> <p>Rubric for <i>Video Montage</i></p> <p>Teacher Observation</p> <p>Class Work Grade/ Use of Class Time</p> <p>Teamwork Observation</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>

<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>Teamwork must be shown, how both students contribute and are respected with fair share of the work.</p> <p>Team must have a clear concept of what they are trying to achieve.</p> <p>Write script for each section of the movie.</p> <p>The script should be clear and descriptive to show understanding of each concept.</p> <p>Research on all aspects must be present. Transitions and the Ken Burns effect must be used.</p> <p>Slide timings must match the correct slides.</p> <p>Graph must be completed in Excel and reported on in the movie.</p> <p>Interview must be videoed and imported to video.</p>			<p>flyer) using advanced features of a word processing program.</p> <p><b>8.1.8.A.2:</b> Plan and create a simple database, define fields, input data, and produce a report using sort and query.</p> <p><b>8.1.8.A.3:</b> Create a multimedia presentation including sound and images.</p> <p><b>8.1.8.A.4:</b> Generate spreadsheet to calculate, graph, and present information.</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.B. The use of <u>digital tools</u> and <u>media-rich resources</u> enhances creativity and the construction of knowledge.</b></p> <p><b>8.1.8.B.1:</b> Synthesize and publish information</p>
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	<p>Music must be present somewhere in the movie, either created in Garageband, or used from the jingle section or iTunes.</p>			<p>about a local or global issue or event on a collaborative, web-based service (also known as a shared hosted service.)</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> <p><b>8.1.8.D.3:</b> Demonstrate how information on a controversial issue may be biased.</p>
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