

**MARLBORO CENTRAL SCHOOL DISTRICT – CURRICULUM MAPS**

**Subject: Technology**

**Grade 1**

<b>Unit FIRST GRADE</b>	<b>Concepts Skills</b>	<b>Suggested Activities</b>	<b>Major Assessments</b>	<b>Time Frame</b>
Internet Safety and Appropriate Websites	<ul style="list-style-type: none"> <li>Identifying reliable, age-appropriate websites</li> <li>Demonstrate appropriate computer behavior, in accordance with district policy</li> </ul>	<ul style="list-style-type: none"> <li>Watch video and complete suggested activities on Internet safety. Visit: <a href="http://www.brainpopjr.com">www.brainpopjr.com</a></li> <li>Discuss <i>Stranger Danger</i> (Nurse Festa) and relate it to Internet &amp; computer behaviors.</li> <li>Video and Activities: <a href="http://www.ikeepsafe.org/ikscd_kids/">www.ikeepsafe.org/ikscd_kids/</a></li> <li>Video and Activities: <a href="http://www.netsmartkids.org/index/FL.htm">www.netsmartkids.org/index/FL.htm</a></li> </ul>	<ul style="list-style-type: none"> <li>Take Brainpop Quiz</li> <li>Informal observations of students safely using the Internet</li> </ul>	December (in accordance with School Nurse lesson)
Computer Parts & Model of Proper Care	<ul style="list-style-type: none"> <li>Identify and use: mouse, keyboard, monitor, CPU, printer, power buttons, headphones, volume control</li> </ul>	<ul style="list-style-type: none"> <li><a href="http://www.exchange.smarttech.com">www.exchange.smarttech.com</a> (Search: Parts of a Computer)</li> <li>Use Velcro word pieces to label parts of a computer</li> <li>Watch BrainPopJr. &amp; complete suggested activities: <a href="http://www.brainpopjr.com">www.brainpopjr.com</a></li> </ul>	<ul style="list-style-type: none"> <li>Informal Observations of students correctly using computers</li> <li>Take Brainpop Quiz</li> </ul>	September
Parts of a Keyboard	<ul style="list-style-type: none"> <li>Identify: letter keys, shift function, backspace, spacebar, enter key, arrow pad, number pad, punctuation buttons</li> </ul>	<ul style="list-style-type: none"> <li>Use individual paper keyboards on desks to familiarize students with keyboard and hand placement.</li> <li>Play keyboard BINGO, using individual paper keyboards.</li> <li>Go to: <a href="http://www.freetypinggame.net">www.freetypinggame.net</a></li> </ul>	<ul style="list-style-type: none"> <li>Informal observations of students correctly using keyboard</li> </ul>	September through June
Smartboard	<ul style="list-style-type: none"> <li>Identify and use: pen tray, drag objects, eraser, virtual keypad, power button, and volume control</li> </ul>	<ul style="list-style-type: none"> <li>Create attendance &amp; lunch count templates</li> <li>Create morning messages</li> <li>Use Harcourt Math (ThinkCentral)</li> <li>Create lesson plans for all curriculum areas</li> <li>Experiment with Senteos (may be rented out from Teacher Center)</li> </ul>	<ul style="list-style-type: none"> <li>Informal observations of students correctly using Smartboard</li> </ul>	September through June
Access/ Navigate Desktop and Web Programs	<ul style="list-style-type: none"> <li>Identify and use Start menu</li> <li>Open, minimize, maximize, and close desktop programs</li> </ul>	<ul style="list-style-type: none"> <li>Use web tutorial: <a href="http://www.teachingideas.co.uk/welcome/start.htm">www.teachingideas.co.uk/welcome/start.htm</a></li> <li>Use various desktop programs</li> <li>Access Internet</li> </ul>	<ul style="list-style-type: none"> <li>Informal observations of students using desktop and web programs</li> </ul>	
Typing Skills	<ul style="list-style-type: none"> <li>Link knowledge of keyboard to form words, sentences, and paragraphs</li> </ul>	<ul style="list-style-type: none"> <li>Type Sight Words and track students' growth through a grade-wide chart</li> <li>Visit: <a href="http://www.freetypinggame.net">www.freetypinggame.net</a></li> <li>Visit Dance Mat Typing: <a href="http://www.bbc.co.uk/schools/typing/">www.bbc.co.uk/schools/typing/</a></li> </ul>	<ul style="list-style-type: none"> <li>Complete Words Per Minute Tests on <a href="http://www.freetypinggame.net">www.freetypinggame.net</a></li> <li>Completion of Level 1-4 of Dance Mat Typing</li> </ul>	January through June
Navigate and Use Office-Related Programs: Word, Clipart, and Paint	<ul style="list-style-type: none"> <li>Navigate and use Word (types words, sentences, paragraphs, change font)</li> <li>Insert Clipart</li> <li>Generate art in Paint</li> </ul>	<ul style="list-style-type: none"> <li>In Word: Complete journal writing, publish final pieces, use Wordart, &amp; Clipart</li> <li>In Paint: Create illustrations to accompany writing, type and illustrate Core Words</li> </ul>	<ul style="list-style-type: none"> <li>Use English Language Arts writing rubric to assess accurate use of conventions, organization, and presentation (6+1)</li> </ul>	January through June

Basic Research Skills	<ul style="list-style-type: none"> <li>• Navigate to appropriate, reliable websites</li> <li>• Identify important information</li> <li>• Identify what information needs to be printed</li> </ul>	<ul style="list-style-type: none"> <li>• Various research reports on: penguins, bears, or insects</li> <li>• Create animal fact cards or posters</li> </ul>	<ul style="list-style-type: none"> <li>• Use English Language Arts writing rubric to assess accurate use of ideas, conventions, organization, and presentation (6+1)</li> </ul>	September through June
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