

**MARLBORO CENTRAL SCHOOLS DISTRICT – CURRICULUM MAPS**

**Subject: Technology**

**Grade: 2**

<b>Unit SECOND GRADE</b>	<b>Concepts Skills</b>	<b>Suggested Activities</b>	<b>Major Assessments</b>	<b>Time Frame</b>
Internet Safety	<ul style="list-style-type: none"> <li>Identifying reliable, age-appropriate websites</li> <li>Introduce various website extensions (.org, .gov, .edu, .com)</li> <li>Demonstrate appropriate computer behavior, in accordance with district policy</li> </ul>	<ul style="list-style-type: none"> <li>BrainPOPjr</li> <li>Watch <i>The Safe Side</i> and sign Internet Safety pledge</li> <li>Find websites with various extensions and have students compare &amp; contrast reliable sources.</li> <li>Discuss <i>Stranger Danger</i> and relate it to Internet and computer behavior</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.netsmartzkids.org/indexFL.htm">www.netsmartzkids.org/indexFL.htm</a></li> </ul>	<ul style="list-style-type: none"> <li>Take quiz on brainpop.com, ikeepsafe.org, netsmartzkids.org</li> <li>Informal observation</li> </ul>	October
Computer Parts & Model of Proper Care	<ul style="list-style-type: none"> <li>Review the identification 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>Using Velcro word pieces to label parts of a computer</li> <li>Watch BrainPOPjr and suggested activities</li> </ul>	<ul style="list-style-type: none"> <li>Take a quiz on Brainpop.com</li> <li>Informal observation of students using the computers</li> </ul>	September
Part of the keyboard	<ul style="list-style-type: none"> <li>Identify and Implement: letter keys, shift function, backspace, spacebar, enter key, arrow pad, number pad, punctuation buttons, number lock, and caps lock, tab</li> <li>Identify and use proper hand placement when typing.</li> </ul>	<ul style="list-style-type: none"> <li>Individual (paper) keyboards on desk to familiarize students with keyboard &amp; hand placement.</li> <li><a href="http://www.freetypinggame.net">www.freetypinggame.net</a></li> </ul>	<ul style="list-style-type: none"> <li>Take quiz on brainpop.com</li> <li>Informal observation</li> </ul>	September-June
Smart Board	<ul style="list-style-type: none"> <li>Reviews the identification and use: Pen tray, dragging objects, erasing, virtual keypad, power button, and volume control.</li> </ul>	<ul style="list-style-type: none"> <li>Attendance &amp; Lunch Count, Morning Messages, Harcourt Math (ThinkCentral), Video Streaming. Use Senteos</li> </ul>	<ul style="list-style-type: none"> <li>Informal observation</li> </ul>	September- June
Typing Skills	<ul style="list-style-type: none"> <li>Continue to link knowledge of keyboard to form words, sentences, and paragraphs.</li> <li>Develop better fluency in typing</li> <li>Identify and use home keys</li> </ul>	<ul style="list-style-type: none"> <li>Dance Mat Typing: <a href="http://www.bbc.co.uk/schools/typing/www.freetypinggame.net">www.bbc.co.uk/schools/typing/www.freetypinggame.net</a></li> <li>Typing Core Words and track students' growth though a grade-wide chart.</li> <li>Time &amp; Accuracy Test on a bi-weekly basis.</li> </ul>	<ul style="list-style-type: none"> <li>Timed</li> <li>Informal observation</li> </ul>	September-June

Access & Navigate Desktop and Web Programs	<ul style="list-style-type: none"> <li>• Sign in to class desktop</li> <li>• Creating individual student folders</li> <li>• Saving work to individual student folders</li> <li>• Identify and use Start Menu</li> <li>• Open, minimize, maximize, and close desktop programs</li> <li>• Identify and use program symbols: Shortcuts, Windows button, etc</li> </ul>	<ul style="list-style-type: none"> <li>• Use of desktop programs, access the Internet, and other daily usage</li> <li>• View the Web Tutorial: <a href="http://www.teachingideas.co.uk/welcome/start.htm">www.teachingideas.co.uk/welcome/start.htm</a></li> </ul>	<ul style="list-style-type: none"> <li>• Informal observation</li> </ul>	September
Navigate & Use Office-Related Programs: Word, Clipart, and Paint	<ul style="list-style-type: none"> <li>• Navigate and use Word (type words, sentences, paragraphs, change font)</li> <li>• Insert Clipart</li> <li>• Generate art in Paint</li> <li>• Identify shortcuts and/or navigate drop-down menus (Spell check, grammar check, font, spacing, etc)</li> <li>• Knowledge of misspelled words that computer does not recognize</li> <li>• Introduce Publisher</li> </ul>	<ul style="list-style-type: none"> <li>• In Word: Journal writing, published pieces, wordart, clipart</li> <li>• In Paint: Type in sight words and illustrate them</li> <li>• In Publisher: Animal Report, cards, banners, etc.</li> </ul>	<ul style="list-style-type: none"> <li>• Informal observation</li> </ul>	December-June
Basic Research Skills	<ul style="list-style-type: none"> <li>• Navigate to appropriate, reliable websites</li> <li>• Identify important information</li> <li>• Identify information that needs to be printed</li> </ul>	<ul style="list-style-type: none"> <li>• Common Task 4 (Animal Reports)</li> <li>• Other various research projects (will vary between classes)</li> </ul>	<ul style="list-style-type: none"> <li>• Timed</li> <li>• Informal observation</li> </ul>	April-June