

HUDSONVILLE MIDDLE SCHOOL COURSE FRAMEWORK



COURSE/SUBJECT

Computer 6- 18 Weeks

<p>UNIT PACING Names of units and approximate pacing</p>	<p>UNIT LEARNING TARGETS By the end of the unit, students will be able to...</p>	<p>STANDARD Which standards (i.e. common core, MMC, etc.) does this address?</p>
<p>The Computer and How it Works</p>	<p>Identify the terms: Saving, Desktop, dock, windows, logging in and out, files, menu and tabs.</p>	<p>6-8. TC.1,2,5,6</p>
<p>Drawing Concepts</p>	<p>Create Layers, change colors, add shapes, adjust alignment, adjust arrangement, understand spacial distribution and shadowing.</p>	<p>6-8. CI. 1,2 6-8. DC. 5 6-8. TC. 1,2,5,6,8,9</p>
<p>Word Processing Applications</p>	<p>Center, set spacing, change font and sizing, create link for citing and understand spacial arrangement.</p>	<p>6-8. CI. 1,2 6-8. TC. 1,2,6,8,9</p>
<p>Presentations Applications</p>	<p>Add slides, set spacing, change font, understand spacial arrangement, add photos, add transitions, add builds, cite pictures and information and add background music.</p>	<p>6-8. CI. 1,2 6-8. RI. 1,2,3,4 6-8. CT. 2,3,4 6-8. DC. 5 6-8. TC. 1,2,6,8,9</p>
<p>Image Editing Applications</p>	<p>Add layers, select objects on the page, use the eraser and tool bar, understand pixels, crop shapes/images, rotate and size shapes/images, change brush sizes, add shapes, import images and understand file formats.</p>	<p>6-8. CI. 1,2 6-8. TC. 1,2,5,6,8,9</p>
<p>Video Editing Applications</p>	<p>Add transitions, titles, photos, background music, animations and effects, change timing of photos, export and share video.</p>	<p>6-8. CI. 1,2 6-8. RI. 1,2,3,4 6-8. CT. 2,3,4 6-8. TC. 1,2,6,8,9</p>

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Web Page Creation and concepts	Add images, add text, create links, understand privacy, security, copy write, plagiarism and publishing a site.	6-8. CI. 1,2 6-8. RI. 1,4 6-8. CT. 2,3,4 6-8. DC. 2,3,4,5,6,7 6-8. TC. 1,2,5,6,8,9
Internet Safety and Use, Copyright Laws and proper Researching skills	Understand what a browser is, understand what a search engine is, create links, create bookmarks, understand bias, accuracy, identify domain names, understand common search techniques such as quotation marks and a plus symbol, understand basic copyright laws for text and music and understand how to be safe while online.	6-8. CI. 1,2 6-8. CC 1 6-8. RI. 1,2,3,4 6-8. CT. 2,3 6-8. DC. 1,2,3,4,5,6,7 6-8. TC. 1,2,6,8,9,10
Keyboarding	Achieve 20 WPM, use proper finger placement, understand accuracy and errors.	6-8. CI. 1 6-8. TC. 8,9
Spreadsheet & Database Applications	Identify cells, columns, rows, fields, preform a search/query, identify records, use formulas, create graph/chart and use spell check.	6-8. CI. 1,2 6-8. RI. 3,4 6-8. CT. 1,2,3 6-8. TC. 1,2,3,4,6,8,9
Email	Use spell check, understand composing an e-mail, sending and receiving emails, accessing contacts, understanding spam mail, understanding cc & bcc, editing a subject, deleting, understanding security and safety while online, understand the difference between formal and informal emailing, personal and professional e-mail account.	6-8. CI. 1 6-8. CC 1,3 6-8. CT. 2 6-8. DC. 2,3,4,6,7 6-8. TC. 1,2,6,8,9,10
Graphic Organizers	Create a map of their online presence, insert text into a bubble, insert images into a bubble, connect and categorize bubbles into an organized map, export my chart as an image file or share it online.	6-8.CI.2 6-8.DC.6 6-8.DC.5 6-8.DC.7

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Career Exploration	Choose 3 careers of interest, research specific career salaries, discuss Michigan Career Pathways, use a Spreadsheet to keep track of career salaries, understand cells, columns, rows, graphs/chart, preform spell check.	6-8. CI. 1,2 6-8. RI. 1,2,3,4 6-8 CT. 1,2,3 6-8. TC. 1,2,4,6,7,8,9
Google Earth Simulation	Use Google Earth to locate wonders of the world, add pins to specific places in Google Earth, use the internet to research and find more information about some of the wonders I pinned, save my project as a .KMZ file and download my project as a PDF.	6-8.CI.3 6-8.RI.1 6-8.CT.2 6-8.TC.1 6-8.TC.6