

Curriculum Map 8th Grade Technology

Unit (18 week Course)	Content	Skills	Assessment	Standards (NETS & CC)
Technology Orientation Quarter #1 (one week)	Students Will learn: 8 th Grade Curriculum Leyden HS standards Keyboarding Expectations Google Accounts	Read core competencies Load Leyden HS page and see their curriculum Demonstrate how to load Google account Identify keyboarding benchmarks	Observation Student Questioning	ICT 1-2 ICT 4-6 CCSS.ELA-Literacy.W.8.6
Internet Use and Safety Quarter #1 (one week)	Students Will learn: Basic uses URL's Searches Rhodes AUP Personal protection Identify protection	Load web browser Identify different browsers Load URL Perform searches Read AUP in Rhodes handbook Identify safety measures when using the Internet Understand dangers of Internet and how to remain safe	Observation Student Questioning Student demonstration in front of the teacher	ICT 1 ICT 2 ICT 3 ICT 4 ICT 5 ICT 6
Using MS Word Writing a Composition Quarter #1 (two weeks)	Students Will learn: Uses of MS Word Open/save/edit Using the edit tools Bullets and other page formats Page numbering & page size Spell and Grammar Checks Printing	Begin a new document Using MS Word ribbon system to edit document Demonstrate how to format page and document Perform spell check Edit document to correct errors Proof read to find additional errors Print using Network/Color Printer	Observation Student printed out work Student Questioning	ICT 1 & 6 CCSS.ELA-Literacy.W.8.2 CCSS.ELA-Literacy.W.8.2a CCSS.ELA-Literacy.W.8.2b-f CCSS.ELA-Literacy.W.8.6
Creating Other Documents Print Shop Quarter #1 (one week)	Students Will learn: Create documents design for display Design choice based on size of paper and color options Follow acceptable standards Printing of one or multiple copies	Identify the different uses of Print shop and MS word Create signs, posters, greeting cards Use graphics that are school acceptable Print using different printers based on need of project	Observation Student Questioning Student demonstration in front of the teacher Review of student work as printed out	ICT 1 & 6 CCSS.ELA-Literacy.W.8.6

<p>Using MS Excel Creating a Spreadsheet Use of calculations & Charting Quarter #1 (1.5 weeks)</p>	<p>Students Will learn: Create a spreadsheet Adjust columns/rows Enter information Use equations for totaling Create graphs Copy graphs for other uses</p>	<p>Begin New MS Excel document Identify uses of columns/rows Enter small excel data to graph Create second Excel file of a larger scale Use both auto sum and formula to total column Add new info to compare total to budget amount Highlight data to graph using bar, pie, line, etc Copy graph and paste into other document (MS word)</p>	<p>Observation Student Questioning Student demonstration in front of the teacher Printed out graphs One-by-one check of totals</p>	<p>ICT 3- 6 CCSS.Math.Content.8.F.A.1 CCSS.Math.Content.8.SP.A.1 CCSS.Math.Content.8.SP.A.4</p>
<p>Using a Database and Merge Quarter #1-2 (three weeks)</p>	<p>Students Will learn: Create a database Create fields based on listed criteria Enter data Sort data Write custom filters to match records to entered data Create a document merge with another Enter merge fields Edit to create proper spacing Sort/filter data to allow only matching records to be merged Print out final merge documents</p>	<p>Open MS works database Create fields to be used for matching All class members will answer questions to complete database Demonstrate how to sort data Demonstrate how to apply a filter to do a more detailed query Create a mail-merge document Identify fields to be inserted Compare different search criteria Complete merge letter Identify errors in merge and correct Correct letter to fix errors Print letter Compare printed letter to screen</p>	<p>Observation Student Questioning Student demonstration in front of the teacher Student play the "dating game" Printing of their "love letter"</p>	<p>ICT 1 & 6 ICT 2 CCSS.ELA-Literacy.W.8.6 CCSS.ELA-Literacy.W.8.2 CCSS.ELA-Literacy.W.8.2a CCSS.ELA-Literacy.W.8.2b-f CCSS.ELA-Literacy.W.8.5</p>

<p>Writing of persuasive essay in Business letter format Quarter #2 (one week)</p>	<p>Students Will learn: Create a business letter document asking for grade Support claim with examples from class-work Print and sign document</p>	<p>Begin a new document Using MS Word ribbon system to edit document Follow previous projects to complete List examples of why a grade is deserved Sign to make document official</p>	<p>Observation Student Questioning Student demonstration in front of the teacher Printing of their "Grade letter"</p>	<p>ICT 1 & 6 ICT 2 CCSS.ELA-Literacy.W.8.1 CCSS.ELA-Literacy.W.8.1a-e CCSS.ELA-Literacy.W.8.6</p>
<p>PowerPoint/Google Docs Presentations Quarter #2 (four weeks)</p>	<p>Students Will learn: Create three presentation using both formats Find creditable information and give proper citation Use proper techniques when dealing with projection, lighting, group vs. monitor setups</p>	<p>Open a PowerPoint project Insert multiple choices (word art, textbox, pictures, clip art) Demonstrate the importance of a background and the color choice Insert slide transitions Create animation scripts Develop understanding of good choices for research data Show how to provide credit Project presentation to class Compare projects to improve</p>	<p>Observation Student Questioning Student demonstration in front of the teacher Student presentations</p>	<p>ICT 1 & 6 ICT 2 CCSS.ELA-Literacy.W.8.1 CCSS.ELA-Literacy.W.8.1a-e CCSS.ELA-Literacy.W.8.6 CCSS.ELA-Literacy.W.8.7 CCSS.ELA-Literacy.W.8.8</p>
<p>Keyboarding Entire semester (four weeks)</p>	<p>Students Will learn: Continue home row techniques Works towards 25 wpm 95% accuracy for 3 minutes w/o looking at keyboard (Leyden HS requirements)</p>	<p>Follow "home row" Identify proper techniques Demonstrate good posture Follow internet safety by not using real names or others Work towards goal and improve each week</p>	<p>Observation Student Questioning Student demonstration in front of the teacher Win "most improved" prize</p>	<p>ICT 1 & 6 ICT 5</p>