

## Curriculum Map 8<sup>th</sup> Grade Technology

Unit (18 week Course)	Content	Skills	Assessment	Standards (NETS & CC)
Technology Orientation Quarter #1 (one week)	<b>Students Will learn:</b> 8 <sup>th</sup> 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)	<b>Students Will learn:</b> 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)	<b>Students Will learn:</b> 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)	<b>Students Will learn:</b> 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><b>Using MS Excel</b>  <b>Creating a Spreadsheet</b>  <b>Use of calculations &amp; Charting</b>  <b>Quarter #1 (1.5 weeks)</b></p>	<p><b>Students Will learn:</b>  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><b>Using a Database and Merge</b>  <b>Quarter #1-2 (three weeks)</b></p>	<p><b>Students Will learn:</b>  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 &amp; 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><b>Writing of persuasive essay in Business letter format</b>  <b>Quarter #2 (one week)</b></p>	<p><b>Students Will learn:</b>          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 &amp; 6          ICT 2          CCSS.ELA-Literacy.W.8.1          CCSS.ELA-Literacy.W.8.1a-e          CCSS.ELA-Literacy.W.8.6</p>
<p><b>PowerPoint/Google Docs Presentations</b>  <b>Quarter #2 (four weeks)</b></p>	<p><b>Students Will learn:</b>          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 &amp; 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><b>Keyboarding</b>  <b>Entire semester (four weeks)</b></p>	<p><b>Students Will learn:</b>          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 &amp; 6          ICT 5</p>