

**Correlation of Glencoe TechCONNECT to  
Virginia Computer/Technology Standards of Learning  
Grades 6–8**

**Computer/Technology: Grades 6–8**

Content Standard	Glencoe TechCONNECT Activities
<b>Basic Operations and Concepts</b>	
<b>C/T 6-8.1 The student will demonstrate knowledge of the nature and operation of technology systems.</b>	
<ul style="list-style-type: none"> <li>Describe how technology impacts learning.</li> </ul>	AC041, AC082, AC087, AC100, AC122, AC136, AC144, AC155, AC164, AC175, AC176, AC177, AC181, AC182, AC183, AC184, AC185, AC186, AC190, AC191, AC192
<ul style="list-style-type: none"> <li>Explore how software and hardware are developed to respond to the changing needs of technology.</li> </ul>	AC133, AC141, AC142, AC148, AC156, AC157
<ul style="list-style-type: none"> <li>Describe compatibility issues, between various types of technology.</li> </ul>	AC136, AC144, AC164
<b>C/T 6-8.2 The student will demonstrate proficiency in the use of technology.</b>	
<ul style="list-style-type: none"> <li>Understand that hardware and software have different operating systems that may affect their use.</li> </ul>	AC136, AC144, AC164
<ul style="list-style-type: none"> <li>Use self-help features such as online tutorials and manuals to learn to use hardware and software.</li> </ul>	AC014, AC099, AC135
<b>Social and Ethical Issues</b>	
<b>C/T 6-8.3 The student will demonstrate knowledge of ethical, cultural, and societal issues related to technology.</b>	
<ul style="list-style-type: none"> <li>Demonstrate knowledge of current changes in information technologies.</li> </ul>	AC133, AC136, AC141, AC142, AC144, AC148, AC156, AC157, AC164, AC181, AC182, AC183
<ul style="list-style-type: none"> <li>Explain the need for laws and policies to govern technology.</li> </ul>	AC178, AC179, AC180, AC181, AC182, AC183, AC184, AC185, AC186, AC187, AC188, AC189, AC190, AC191, AC192
<ul style="list-style-type: none"> <li>Explore career opportunities in technology related careers.</li> </ul>	AC098, AC135
<b>C/T 6-8.4 The student will practice responsible use of technology systems, information, and software.</b>	

Content Standard	Glencoe TechCONNECT Activities
<ul style="list-style-type: none"> <li>Demonstrate the correct use of fair use and copyright regulations.</li> </ul>	AC184, AC185, AC186, AC190, AC191, AC192
<ul style="list-style-type: none"> <li>Demonstrate compliance with the school division's Acceptable Use Policy and other legal guidelines.</li> </ul>	AC184, AC185, AC186, AC190, AC191, AC192
<p><b>C/T 6-8.5 The student will demonstrate knowledge of technologies that support collaboration, personal pursuits, and productivity.</b></p>	
<ul style="list-style-type: none"> <li>Work collaboratively and/or independently when using technology.</li> </ul>	AC001, AC002, AC003, AC004, AC005, AC006, AC007, AC008, AC009, AC010, AC011, AC012, AC013, AC014, AC015, AC016, AC017, AC018, AC019, AC020, AC021, AC022, AC023, AC024, AC025, AC026, AC027, AC028, AC029, AC030, AC031, AC032, AC033, AC034, AC035, AC036, AC037, AC038, AC039, AC040, AC041, AC042, AC043, AC044, AC045, AC046, AC047, AC048, AC049, AC050, AC051, AC052, AC053, AC054, AC055, AC056, AC057, AC058, AC059, AC060, AC061, AC062, AC063, AC064, AC065, AC066, AC067, AC068, AC069, AC070, AC071, AC072, AC073, AC074, AC075, AC076, AC077, AC078, AC079, AC080, AC081, AC082, AC083, AC084, AC085, AC086, AC087, AC088, AC089, AC090, AC091, AC092, AC093, AC094, AC095, AC096, AC097, AC098, AC099, AC100, AC101, AC102, AC103, AC104, AC105, AC106, AC107, AC108, AC109, AC110, AC111, AC112, AC113, AC114, AC115, AC116, AC117, AC118, AC119, AC120, AC121, AC122, AC123, AC124, AC125, AC126, AC127, AC128, AC129, AC130, AC131, AC132, AC133, AC134, AC135, AC136, AC137, AC138, AC139, AC140, AC141, AC142, AC143, AC144, AC145, AC146, AC147, AC148, AC149, AC150, AC151, AC152, AC153, AC154, AC155, AC156, AC157, AC158, AC159, AC160, AC161, AC162, AC163, AC164, AC165, AC166, AC167, AC168, AC169, AC170, AC171, AC172, AC173, AC174, AC175, AC176, AC177, AC178, AC179, AC180, AC181, AC182, AC183, AC184, AC185, AC186, AC187, AC188, AC189, AC190, AC191, AC192, AC193, AC194, AC195, AC196, AC197, AC198, AC199, AC200, AC201, AC202
<ul style="list-style-type: none"> <li>Practice preventative maintenance of equipment, resources, and facilities.</li> </ul>	AC172, AC173, AC174, AC178, AC179, AC180

<b>Content Standard</b>	<b>Glencoe TechCONNECT Activities</b>
<ul style="list-style-type: none"> <li>Explore the potential of the Internet as a means of personal learning and the respectful exchange of ideas and products.</li> </ul>	AC001, AC002, AC003, AC004, AC008, AC010, AC011, AC013, AC015, AC016, AC017, AC018, AC020, AC024, AC027, AC028, AC029, AC030, AC031, AC034, AC036, AC037, AC040, AC041, AC044, AC047, AC048, AC050, AC051, AC052, AC053, AC054, AC055, AC056, AC057, AC059, AC063, AC064, AC067, AC068, AC074, AC075, AC076, AC077, AC080, AC081, AC083, AC084, AC085, AC086, AC089, AC090, AC091, AC095, AC096, AC097, AC099, AC100, AC101, AC102, AC106, AC107, AC107, AC123, AC126, AC130, AC133, AC137, AC139, AC140, AC141, AC142, AC146, AC148, AC151, AC154, AC156, AC157, AC158, AC159, AC160, AC165, AC169, AC170, AC171, AC172, AC173, AC174, AC175, AC176, AC177, AC178, AC179, AC180, AC181, AC182, AC183, AC184, AC185, AC186, AC187, AC188, AC189, AC190, AC191, AC192, AC194, AC195, AC199, AC200, AC201, AC202
<b>Technology Research Tools</b>	
<b>C/T 6-8.6 The student will use technology to locate, evaluate, and collect information from a variety of sources.</b>	
<ul style="list-style-type: none"> <li>Use databases and spreadsheets to evaluate information.</li> </ul>	AC009, AC016, AC024, AC033, AC034, AC037, AC039, AC041, AC042, AC049, AC059, AC065, AC067, AC071, AC074, AC079, AC082, AC087, AC097, AC100, AC101, AC102, AC103, AC110, AC111, AC113, AC114, AC116, AC117, AC118, AC119, AC120, AC122, AC123, AC125, AC126, AC129, AC140, AC145, AC152, AC153, AC155, AC158, AC198, AC199, AC202
<ul style="list-style-type: none"> <li>Use technology resources such as calculators and data collection probes for gathering information.</li> </ul>	AC045

Content Standard	Glencoe TechCONNECT Activities
<ul style="list-style-type: none"> <li>Use Internet and other electronic resources to locate information in real time.</li> </ul>	AC001, AC002, AC003, AC004, AC008, AC010, AC011, AC013, AC015, AC016, AC017, AC018, AC020, AC024, AC027, AC028, AC029, AC030, AC031, AC034, AC036, AC037, AC040, AC041, AC044, AC047, AC048, AC050, AC051, AC052, AC053, AC054, AC055, AC056, AC057, AC059, AC063, AC064, AC067, AC068, AC074, AC075, AC076, AC077, AC080, AC081, AC083, AC084, AC085, AC086, AC089, AC090, AC091, AC095, AC096, AC097, AC099, AC100, AC101, AC102, AC106, AC107, AC123, AC126, AC130, AC133, AC137, AC139, AC140, AC141, AC142, AC146, AC148, AC151, AC154, AC156, AC157, AC158, AC159, AC160, AC165, AC169, AC170, AC171, AC172, AC173, AC174, AC175, AC176, AC177, AC178, AC179, AC180, AC181, AC182, AC183, AC184, AC185, AC186, AC187, AC188, AC189, AC190, AC191, AC192, AC194, AC195, AC199, AC200, AC201, AC202
<b>C/T 6-8.7 The student will evaluate and select new information resources and technological innovations based on the appropriateness for specific tasks.</b>	
<ul style="list-style-type: none"> <li>Use search strategies to retrieve information.</li> </ul>	AC015, AC037, AC048, AC054, AC055, AC056, AC066, AC089, AC090, AC091, AC095, AC169, AC170, AC171, AC181, AC182, AC183, AC184, AC185, AC186, AC187, AC188, AC189, AC190, AC191, AC192
<ul style="list-style-type: none"> <li>Evaluate the accuracy, relevance, and appropriateness of electronic information sources.</li> </ul>	AC015, AC051, AC089, AC090, AC091, AC095, AC181, AC182, AC183, AC190, AC191, AC192
<b>Problem-solving and Decision-making Tools</b>	
<b>C/T 6-8.8 The student will use technology resources for solving problems and making informed decisions.</b>	
<ul style="list-style-type: none"> <li>Employ technology in the development of strategies for solving problems.</li> </ul>	AC021, AC028, AC037, AC039, AC041, AC042, AC043, AC045, AC058, AC065, AC071, AC074, AC079, AC082, AC101, AC102, AC109, AC113, AC114, AC116, AC117, AC118, AC119, AC120, AC121, AC125, AC145
<ul style="list-style-type: none"> <li>Use a variety of technologies to identify and provide possible solutions to real-world problems.</li> </ul>	AC002, AC007, AC009, AC014, AC015, AC033, AC037, AC039, AC041, AC042, AC043, AC049, AC055, AC065, AC079, AC082, AC087, AC101, AC102, AC111, AC118, AC123, AC125, AC143

<b>Content Standard</b>	<b>Glencoe TechCONNECT Activities</b>
<ul style="list-style-type: none"> <li>Use content-specific tools, software, and simulations such as environmental probes, graphic calculators, exploratory environments, and web tools.</li> </ul>	<a href="#">AC007</a> , <a href="#">AC027</a> , <a href="#">AC032</a> , <a href="#">AC101</a> , <a href="#">AC127</a>
<ul style="list-style-type: none"> <li>Participate in collaborative problem-solving activities.</li> </ul>	<a href="#">AC076</a> , <a href="#">AC091</a> , <a href="#">AC129</a> , <a href="#">AC136</a> , <a href="#">AC144</a> , <a href="#">AC153</a> , <a href="#">AC164</a> , <a href="#">AC165</a> , <a href="#">AC172</a> , <a href="#">AC173</a> , <a href="#">AC174</a>
<ul style="list-style-type: none"> <li>Select and use appropriate tools and technology resources to accomplish a variety of tasks.</li> </ul>	<a href="#">AC041</a> , <a href="#">AC042</a> , <a href="#">AC043</a> , <a href="#">AC049</a> , <a href="#">AC059</a> , <a href="#">AC079</a> , <a href="#">AC082</a> , <a href="#">AC087</a> , <a href="#">AC100</a> , <a href="#">AC118</a> , <a href="#">AC122</a> , <a href="#">AC123</a> , <a href="#">AC125</a> , <a href="#">AC133</a> , <a href="#">AC136</a> , <a href="#">AC142</a> , <a href="#">AC144</a> , <a href="#">AC152</a> , <a href="#">AC154</a> , <a href="#">AC155</a> , <a href="#">AC157</a> , <a href="#">AC158</a> , <a href="#">AC159</a> , <a href="#">AC160</a> , <a href="#">AC164</a> , <a href="#">AC169</a> , <a href="#">AC170</a> , <a href="#">AC171</a> , <a href="#">AC175</a> , <a href="#">AC176</a> , <a href="#">AC177</a> , <a href="#">AC187</a> , <a href="#">AC188</a> , <a href="#">AC189</a> , <a href="#">AC190</a> , <a href="#">AC191</a> , <a href="#">AC192</a>
<b>Technology Communication Tools</b>	
<b>C/T 6-8.9 The student will use a variety of media and formats to communicate information and ideas effectively to multiple audiences.</b>	
<ul style="list-style-type: none"> <li>Choose the appropriate tool, format, and style to communicate information.</li> </ul>	<a href="#">AC022</a> , <a href="#">AC060</a> , <a href="#">AC134</a> , <a href="#">AC136</a> , <a href="#">AC141</a> , <a href="#">AC144</a> , <a href="#">AC147</a> , <a href="#">AC148</a> , <a href="#">AC156</a> , <a href="#">AC164</a> , <a href="#">AC169</a> , <a href="#">AC170</a> , <a href="#">AC171</a> , <a href="#">AC172</a> , <a href="#">AC173</a> , <a href="#">AC174</a> , <a href="#">AC190</a> , <a href="#">AC191</a> , <a href="#">AC192</a>

Content Standard	Glencoe TechCONNECT Activities
<ul style="list-style-type: none"> <li>Independently use technology tools to create and communicate for individual and/or collaborative projects.</li> </ul>	AC001, AC002, AC003, AC004, AC005, AC006, AC007, AC008, AC009, AC010, AC011, AC012, AC013, AC014, AC015, AC016, AC017, AC018, AC019, AC020, AC021, AC022, AC023, AC024, AC025, AC026, AC027, AC028, AC029, AC030, AC031, AC032, AC033, AC034, AC035, AC036, AC037, AC038, AC039, AC040, AC041, AC042, AC043, AC044, AC045, AC046, AC047, AC048, AC049, AC050, AC051, AC052, AC053, AC054, AC055, AC056, AC057, AC058, AC059, AC060, AC061, AC062, AC063, AC064, AC065, AC066, AC067, AC068, AC069, AC070, AC071, AC072, AC073, AC074, AC075, AC076, AC077, AC078, AC079, AC080, AC081, AC082, AC083, AC084, AC085, AC086, AC087, AC088, AC089, AC090, AC091, AC092, AC093, AC094, AC095, AC096, AC097, AC098, AC099, AC100, AC101, AC102, AC103, AC104, AC105, AC106, AC107, AC108, AC109, AC110, AC111, AC112, AC113, AC114, AC115, AC116, AC117, AC118, AC119, AC120, AC121, AC122, AC123, AC124, AC125, AC126, AC127, AC128, AC129, AC130, AC131, AC132, AC133, AC134, AC135, AC136, AC137, AC138, AC139, AC140, AC141, AC142, AC143, AC144, AC145, AC146, AC147, AC148, AC149, AC150, AC151, AC152, AC153, AC154, AC155, AC156, AC157, AC158, AC159, AC160, AC161, AC162, AC163, AC164, AC165, AC166, AC167, AC168, AC169, AC170, AC171, AC172, AC173, AC174, AC175, AC176, AC177, AC178, AC179, AC180, AC181, AC182, AC183, AC184, AC185, AC186, AC187, AC188, AC189, AC190, AC191, AC192, AC193, AC194, AC195, AC196, AC197, AC198, AC199, AC200, AC201, AC202

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<ul style="list-style-type: none"> <li>Produce documents demonstrating the ability to edit, reformat, and integrate various software tools.</li> </ul>	AC001, AC002, AC003, AC004, AC005, AC006, AC007, AC008, AC009, AC010, AC011, AC012, AC013, AC014, AC015, AC016, AC017, AC018, AC019, AC020, AC021, AC022, AC023, AC024, AC025, AC026, AC027, AC028, AC029, AC030, AC031, AC032, AC033, AC034, AC035, AC036, AC037, AC038, AC039, AC040, AC041, AC042, AC043, AC044, AC045, AC046, AC047, AC048, AC049, AC050, AC051, AC052, AC053, AC054, AC055, AC056, AC057, AC058, AC059, AC060, AC061, AC062, AC063, AC064, AC065, AC066, AC067, AC068, AC069, AC070, AC071, AC072, AC073, AC074, AC075, AC076, AC077, AC078, AC079, AC080, AC081, AC082, AC083, AC084, AC085, AC086, AC087, AC088, AC089, AC090, AC091, AC092, AC093, AC094, AC095, AC096, AC097, AC098, AC099, AC100, AC101, AC102, AC103, AC104, AC105, AC106, AC107, AC108, AC109, AC110, AC111, AC112, AC113, AC114, AC115, AC116, AC117, AC118, AC119, AC120, AC121, AC122, AC123, AC124, AC125, AC126, AC127, AC128, AC129, AC130, AC131, AC132, AC133, AC134, AC135, AC136, AC137, AC138, AC139, AC140, AC141, AC142, AC143, AC144, AC145, AC146, AC147, AC148, AC149, AC150, AC151, AC152, AC153, AC154, AC155, AC156, AC157, AC158, AC159, AC160, AC161, AC162, AC163, AC164, AC165, AC166, AC167, AC168, AC169, AC170, AC171, AC172, AC173, AC174, AC175, AC176, AC177, AC178, AC179, AC180, AC181, AC182, AC183, AC184, AC185, AC186, AC187, AC188, AC189, AC190, AC191, AC192, AC193, AC194, AC195, AC196, AC197, AC198, AC199, AC200, AC201, AC202