

# Information Technology: Information

Stage 1 Desired Results		
<p>ESTABLISHED GOALS:</p> <p><u>Competencies:</u></p> <ul style="list-style-type: none"> <li>Students will demonstrate the ability to use information in order to problem solve.</li> <li>Students will demonstrate the ability to identify information in order to understand the impact in the world.</li> <li>Students will demonstrate the ability to analyze and summarize text and integrate knowledge to make meaning of discipline-specific materials.</li> <li>Students will demonstrate the ability to produce coherent and supported writing in order to communicate effectively for a range of discipline-specific tasks, purposes, and audiences.</li> <li>Students will demonstrate the ability to speak purposefully and effectively by strategically making decisions about content, language use, and discourse style.</li> </ul> <p><u>Content Standards:</u></p> <p>ISTE - International Society for Technology in Education</p> <ul style="list-style-type: none"> <li><u>ISTE Standard 1:</u> Students leverage technology to take an active role in choosing, achieving and demonstrating competency in their learning goals, informed by the learning sciences.</li> <li><u>ISTE Standard 2:</u> Students recognize the rights, responsibilities and opportunities of living, learning and working in an interconnected digital world, and they act and model in ways that are safe, legal and ethical.</li> <li><u>ISTE Standard 3:</u> Students critically curate a variety of resources using digital tools to construct knowledge, produce creative artifacts and make meaningful learning experiences for themselves and others.</li> <li><u>ISTE Standard 7:</u> Students use digital tools to broaden their perspectives and enrich their learning by collaborating with others and working effectively in teams locally and globally.</li> </ul>	<b>Transfer</b>	
	<p><i>Students will be able to independently use their learning to <b>analyze information using technology.</b></i></p>	
	<b>Meaning</b>	
	<p>ENDURING UNDERSTANDINGS</p> <p><i>Students will understand that...</i></p> <ul style="list-style-type: none"> <li>computers are made up of various hardware and software working together.</li> </ul>	<p>ESSENTIAL QUESTIONS</p> <ul style="list-style-type: none"> <li>How does information technology make your life more stimulating?</li> </ul>
<b>Acquisition</b>		
<p><i>Students will know...</i></p> <ul style="list-style-type: none"> <li>the history of computers.</li> <li>the difference between software and hardware.</li> <li>the difference between application and system software.</li> <li>security and privacy are important.</li> <li>there are different types of networks.</li> </ul> <p><u>vocabulary:</u> software, file management, hardware, digital, multimedia, internet, networks, security/privacy</p>	<p><i>Students will be skilled at...</i></p> <ul style="list-style-type: none"> <li>using technology to seek feedback that informs and improves their practice and to demonstrate their learning in a variety of ways.</li> <li>engaging in positive, safe, legal and ethical behavior when using technology, including social interactions online or when using networked devices.</li> <li>building knowledge by actively exploring real-world issues and problems, developing ideas and theories and pursuing answers and solutions.</li> <li>exploring local and global issues and using collaborative technologies to work with others to investigate solutions.</li> </ul>	
<b>Content Area Literacy Standards</b>		
<p>CCSS.ELA-LITERACY.RST.9-10.3 Follow precisely a complex multistep procedure when carrying out experiments, taking measurements, or performing technical tasks, attending to special cases or exceptions defined in the text.</p> <p>CCSS.ELA-LITERACY.RST.9-10.4 Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a</p>	<b>21<sup>st</sup> Century Skills</b>	
	<ul style="list-style-type: none"> <li><i>Reason effectively</i></li> <li><i>Solve problems</i></li> </ul>	

specific scientific or technical context relevant to grades 9-10 texts and topics.

WHST.9-10.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

WHST.11-12.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

- *Think creatively*
- *Work creatively with others*
- *Communicate clearly*
- *Create media products*
- *Apply technology effectively*
- *Be self-directed learners*
- *Interact effectively with others*

## Stage 2 - Evidence

<i>Evaluative Criteria</i>	<i>Assessment Evidence</i>
	PERFORMANCE TASK(S):
	OTHER EVIDENCE:

## Stage 3 – Learning Plan

*Summary of Key Learning Events and Instruction*

<i>Language Arts Integration</i>	<i>Mathematics Integration</i>
<ul style="list-style-type: none"> <li>● 1.OA.1 Use</li> </ul>	<ul style="list-style-type: none"> <li>● 1.OA.1 Use</li> </ul>
<i>Technology Integration</i>	<i>District Materials</i>
<ul style="list-style-type: none"> <li>● 1.OA.1 Use</li> </ul>	

