

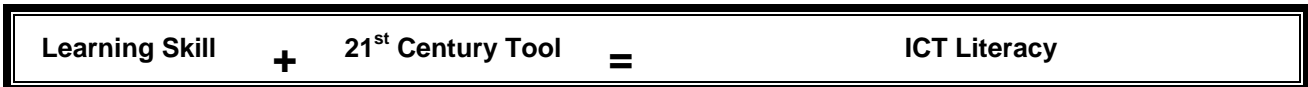


## ICT Literacy Maps

The Partnership for 21<sup>st</sup> Century Skills advocates for the integration of Information and Communication Technology (ICT) Literacy into K-12 education so that students can learn and achieve in the core academic subjects at much higher levels. The Partnership defines ICT Literacy as the use of 21<sup>st</sup> century tools to perform learning skills.

The Partnership has forged partnerships with key national organizations that represent the core academic subjects, including English, math, science and geography. As a result of these collaborations, the Partnership is developing a series of *ICT Literacy Maps* that illustrate the intersection between ICT Literacy and core academic subjects. The maps enable educators to gain concrete examples of how ICT Literacy can be integrated into core subjects.

An example from the geography *ICT Literacy Map* illustrates sample outcomes for teaching communication skills. These maps give practitioners excellent examples of how to bring ICT Literacy into their core subjects.



<p><u>Communication Skills</u> Understanding, managing, and creating effective communications:</p> <ul style="list-style-type: none"> <li>• Orally</li> <li>• Written</li> <li>• Using multimedia</li> </ul>	<p><u>21<sup>st</sup> Century Tool</u> Graphics programs, printers, copiers, computer presentation tools, maps (hard copy and digital), word processor, e-mail, desktop publishing programs</p>	<p><u>By grade 4 students will be able to:</u></p> <ul style="list-style-type: none"> <li>➤ Use a multimedia tool to create a simple slide show that describes students' favorite locations in the community (e.g., movie theatre, bike trails, etc.)</li> </ul> <p><u>By grade 8 students will be able to:</u></p> <ul style="list-style-type: none"> <li>➤ Present an oral report on a recent major geographic event – hurricane, volcanic eruption, resource discovery – using different newspapers, news magazines and Internet news sources</li> </ul> <p><u>By grade 12 students will be able to:</u></p> <ul style="list-style-type: none"> <li>➤ Use data and maps prepared in a geographic information system to compare and analyze alternative land use proposals and communicate conclusions using such tools as html, advanced multimedia applications and video technologies</li> </ul>
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*ICT Literacy Maps* are the result of thousands of hours of research, development and feedback from educators and business leaders across the nation. Throughout 2005, the Partnership plans to issue *ICT Literacy Maps* for the core subjects of Geography, Math, English and Science. These tools are available at [www.21stcenturyskills.org/matrices/](http://www.21stcenturyskills.org/matrices/).

*The Partnership for 21<sup>st</sup> Century Skills – a coalition of Apple, Cable in the Classroom, Cisco Systems, Inc., Dell, Intel, Junior Achievement, Microsoft Corporation, National Education Association, SAP, Texas Instruments Inc., Time Warner, Inc. and Verizon – is committed to helping educators prepare students for success in the 21<sup>st</sup> century.*