
















# Technology-Connected Lesson Plan

<b>Title:</b>	<b>Crack the Case: What's Inside the Computer?</b>
Grade Levels:	4 <sup>th</sup> grade
Curriculum Areas:	☞ Language Arts
Measurable Objectives:	<ul style="list-style-type: none"> <li>☞ TSW explore the inside of a computer</li> <li>☞ TSW learn the function of each part of the computer</li> <li>☞ TSW learn definitions of unfamiliar terms</li> <li>☞ TSW create a PowerPoint presentation displaying the parts of the computer, their definitions, and their functions</li> </ul>
LA Content Standards:	<ul style="list-style-type: none"> <li>☞ Reading and Responding Standard 1</li> <li>☞ Information Resources Standard 5</li> </ul>
Grade Level Expectations (GLE)	<ul style="list-style-type: none"> <li>☞ ELA-1-E1 Determine word meanings using a broad variety of reference aids.</li> <li>☞ ELA-5-E1 Locate information using organizational features of a variety of resources.</li> <li>☞ ELA-5-E2 Evaluate the usefulness of information selected from sources.</li> <li>☞ ELA-5-E4 Use electronic and print resources to revise and public book reviews and research reports.</li> </ul>
K12 Educational Technology Standards:	<ul style="list-style-type: none"> <li>☞ Technology Communication Tools <i>Students use a variety of media and formats to communicate and present information and ideas effectively to multiple audiences.</i></li> <li>☞ Technology Productivity Tools <i>Students use technology tools to enhance learning, increase productivity, and promote creativity.</i></li> <li>☞ Technology Research Tools <i>Students use appropriate technology to locate, evaluate, and collect information from a variety of sources.</i></li> <li>☞ Basic Operation and Concepts <i>Students demonstrate a sound understanding of the nature and operation of technology systems.</i></li> </ul>
Technology Connection:	<ul style="list-style-type: none"> <li>☞ Computer/TV converter</li> <li>☞ Internet sites Click-n-Learn <a href="http://www.kids-">http://www.kids-</a></li> </ul>

	<p><a href="http://online.net/learn/c_n_l.html">online.net/learn/c_n_l.html</a> Online Dictionary</p> <p><a href="http://www.computeruser.com/resources/dictionary/dictionary.html">http://www.computeruser.com/resources/dictionary/dictionary.html</a></p> <ul style="list-style-type: none"> <li> Microsoft PowerPoint</li> <li> Clip Art</li> </ul>
Procedures:	<ul style="list-style-type: none"> <li> TTW ask the students to draw a picture of what they think the inside of a computer looks like. TTW encourage the students to show what they think makes the computer work.</li> <li> TSW then visit the <a href="#">Click-n-Learn</a> web site via the TV/Computer converter in the classroom. As the teacher directs a student to click and read, ttw ask the students to list unfamiliar terms on the board. TS, in groups of two, will then visit the <a href="#">Online Dictionary</a> to look up the words on the list. (Example word list: motherboard, RAM, ROM, circuit, operating system, etc.) TSW write the definition of the terms on an index card for later use on their slide.</li> <li> After the unfamiliar terms are defined, tsw, in groups of two, create a PowerPoint slide defining one unfamiliar term. TSW be allowed the choice of background color, font style, and one picture per slide.</li> <li> When all slides are completed, the two students will share their slides in a class presentation.</li> </ul>
Materials:	<ul style="list-style-type: none"> <li> TV/Computer connection</li> <li> Internet</li> <li> Paper/pencil</li> <li> Microsoft PowerPoint</li> </ul>
Assessment:	 Completion of PowerPoint slides and class presentation
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