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MultiMice in Education

University of Michigan School of Information
SI 575: Community Informatics Seminar
November 19, 2010


One Mouse



 San Jose Library, "Kids using the computer", Flickr, CC:BY-SA


Multiple Mice



 Pawar, U., Pal, J., & Toyama, K. (2006). *Multiple mice for computers in education in developing countries*. Retrieved from <http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=04085516>

Microsoft's Mouse Mischief

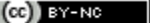


 Dean Shareski, "Kids working in the classroom", Flickr, CC: BY-NC 2.0

Please see original image: Microsoft. (2010). *Top ten tips for using Microsoft Mouse Mischief*. Retrieved from http://download.microsoft.com/download/7/6/5/7658AF74-192E-42C4-A1E7-197A6E9D84A5/Top_Ten_Tips_Mouse_Mischief_En-US.pdf

Amazing Concert



 James F. Clay, "Keyboards", Flickr, CC: BY-NC 2.0

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1 to 3



Please see original image: Infante, C., Weitz, J., Reyes, T., Nussbaum, M., Gómez, F., & Radovic, D. (2010). Co-located collaborative learning video game with single display groupware. *Interactive Learning Environments*, 18(2), 177-195. Retrieved from <http://dx.doi.org/10.1080/10494820802489339>

Alphabet Practice




 Jan Tik, "Hopscotch", Flickr, CC: BY 2.0

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Contextually-Relevant Solution: Economics

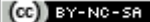


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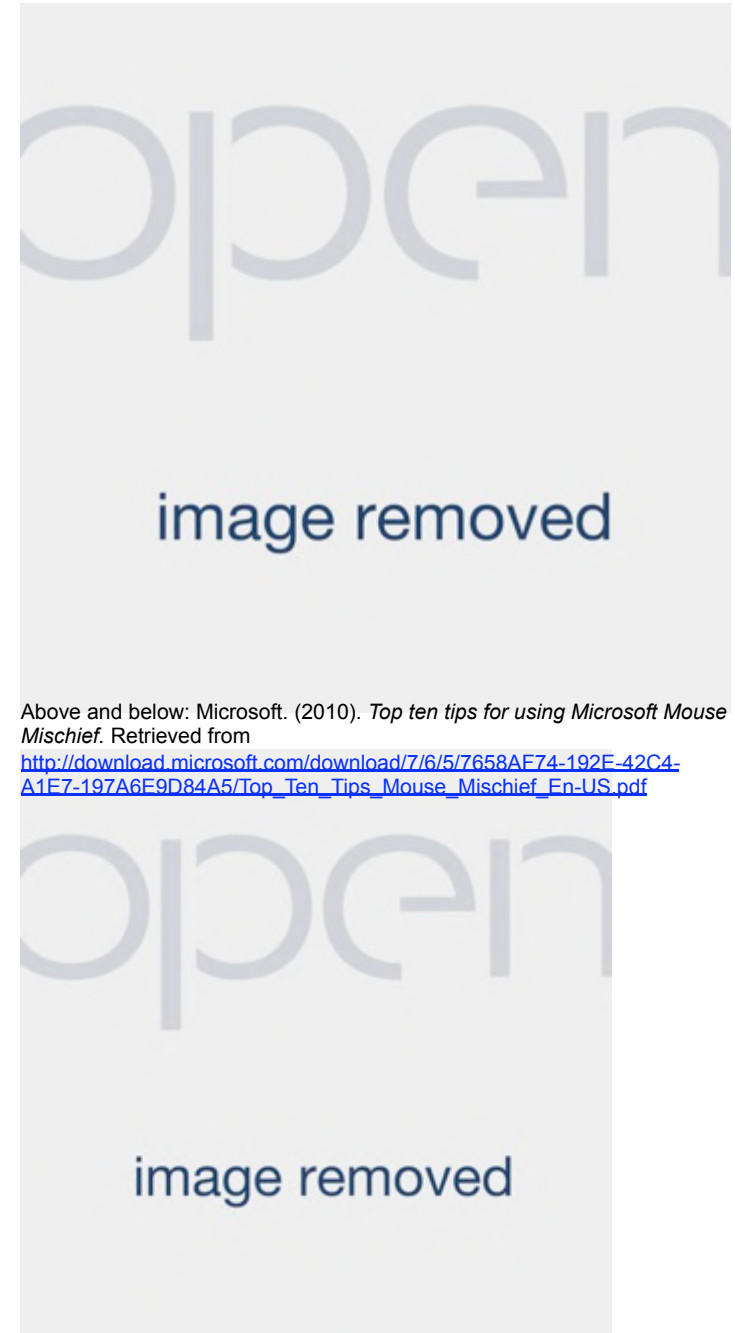
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Contextually-Relevant Solution: Current School Structure



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History

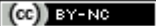


Hardware Solution



Software Design: Learning Goals



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Software Design: Collaboration vs. Competition



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Software Design: Pacing



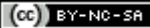
CI Connection: Early Access to Technology



MHV, "Aprender", Wikimedia Commons, CC: BY-SA 3.0,


CI Connection: Teamwork through Technology



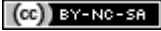
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Other Developments: MultiKeypads

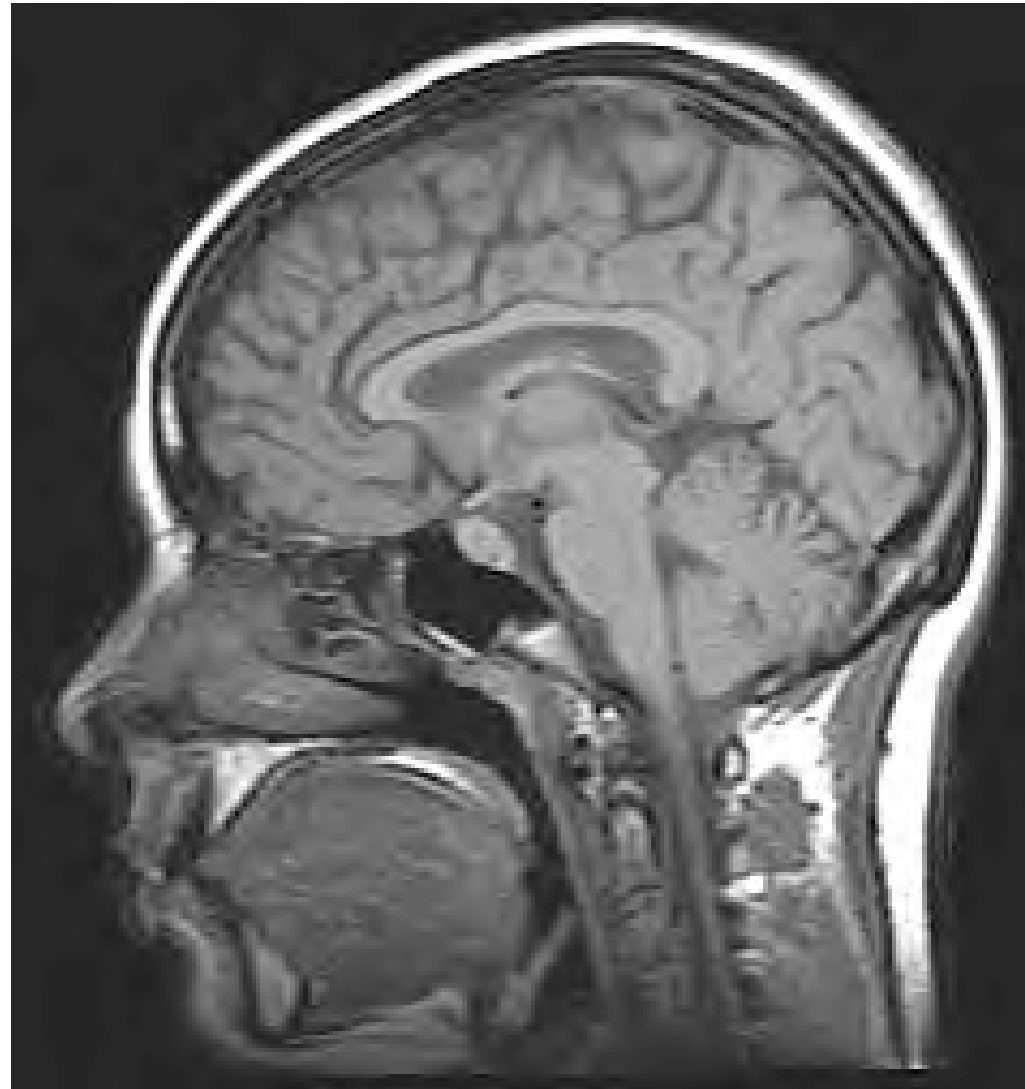




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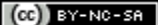
Future Developments: Software



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Future Developments: Research




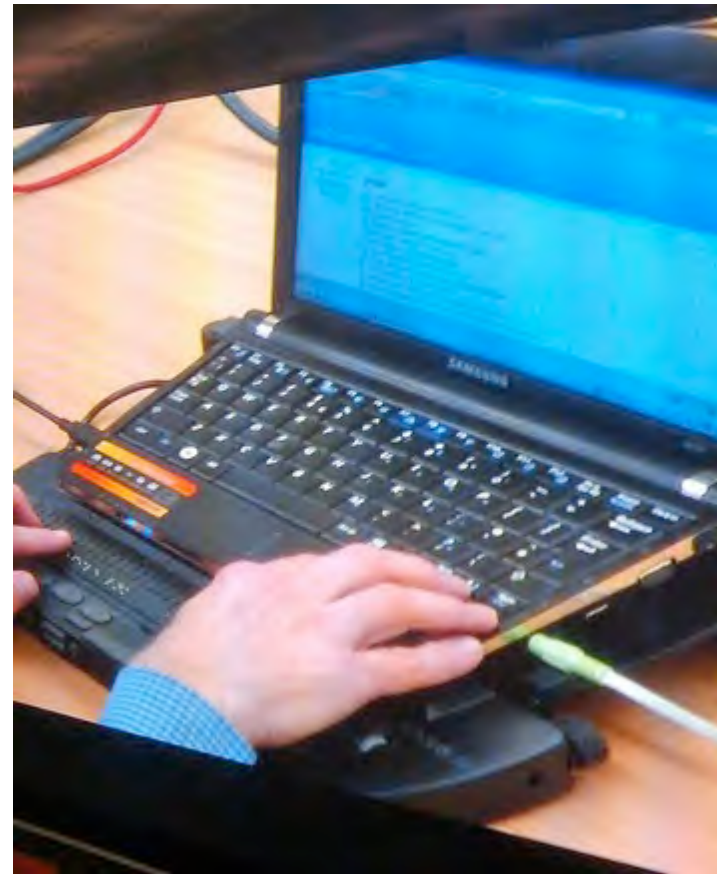
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
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Future Developments: Accessibility



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Questions? Bring 'em on!



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