Computers & Communication

Team 2
History

Communication Methods:

- Pictographs in the ancient world
- Paper and printing press in the 15th century
- 1838 - Electrical Telegraph
- The first telephone call on March 10, 1876
- 1927 - Television affects public opinion
- Mobile phones and the Internet
History

- 1980 - CompuServe CB Simulator - first online chat service
- 1983-1990 - Rise of the internet
- October 1990 - Foundational elements of the internet:
  - HTML (Hypertext Markup Language)
  - URI (Uniform Resource Identifier)
  - HTTP (Hypertext Transfer Protocol)
- Contemporary Society: communication is essential to our well-being
- Ranging from TCP to media applications to Google Glass and futuristic products
Problems for Society
Social Interaction

All this technology is making us antisocial
# Classrooms

Teachers' views of the impacts of today's digital ecology on student learning

<table>
<thead>
<tr>
<th>Statement</th>
<th>Strongly Agree</th>
<th>Agree</th>
<th>Disagree</th>
<th>Strongly Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Today's digital technologies allow students to share their work with a</td>
<td>52%</td>
<td>44%</td>
<td>3%</td>
<td>1%</td>
</tr>
<tr>
<td>wider and more varied audience</td>
<td></td>
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<tr>
<td>The internet encourages learning by connecting students to resources</td>
<td>31%</td>
<td>59%</td>
<td>9%</td>
<td>1%</td>
</tr>
<tr>
<td>about topics of interest to them</td>
<td></td>
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<tr>
<td>Today's digital technologies encourage student creativity and personal</td>
<td>26%</td>
<td>52%</td>
<td>20%</td>
<td>3%</td>
</tr>
<tr>
<td>expression</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>The multimedia content available online today immerses students more</td>
<td>24%</td>
<td>52%</td>
<td>22%</td>
<td>2%</td>
</tr>
<tr>
<td>fully in topics they study</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>The availability of digital content has broadened my students'</td>
<td>23%</td>
<td>49%</td>
<td>24%</td>
<td>5%</td>
</tr>
<tr>
<td>worldviews and perspectives</td>
<td></td>
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<tr>
<td>Today's digital technologies encourage greater collaboration among</td>
<td>23%</td>
<td>56%</td>
<td>18%</td>
<td>2%</td>
</tr>
<tr>
<td>students</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Today's digital technologies do more to distract students from schoolwork</td>
<td>17%</td>
<td>47%</td>
<td>31%</td>
<td>5%</td>
</tr>
<tr>
<td>than to help them academically</td>
<td></td>
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</tr>
</tbody>
</table>

Source: The Pew Research Center's Internet & American Life Project Online Survey of Teachers, March 7 to April 23, 2012, n=2,462 middle and high school teachers.
Employers

Do you have any social skills?

Does Facebook count?
Anxiety

Social anxiety disorder is characterized by the overwhelming fear of being embarrassed in everyday social situations.
Addiction
Cyber Bullying
False Identity
Emotions

“How are you?”


Fine.

Y U NO SHOW EMOTION WHEN YOU TEXT ALLISON?

memegenerator.net
Solutions

- Hang out with friends with phones off.
- Play physical team sports eg. soccer, basketball, etc…
- Join clubs and talk to others
- Report cyberbullying
- Communicate via video
Will the Problems Change in Future?

- Technical aspect we won’t be able to have enough bandwidth for everyone
- All interactions will be virtual
- Dependence on communication, people will freak out if phone networks and internet went down.
- Technology is interconnected with our day to day activities
  - Restraint should be encouraged when possible
Resources

- https://www.atlassian.com/communication-through-the-ages-infographic
- https://dynamicbusinessmentors.wordpress.com/2012/03/12/the-problem-with-modern-communication-dynamic-business-mentors/
- http://www.huffingtonpost.com/2014/06/19/social-media-makes-you-socially-awkward_n_5512749.html
- http://digitalcommons.conncoll.edu/cgi/viewcontent.cgi?article=1030&context=psychhp
- https://en.wikipedia.org/wiki/Motorola_DynaTAC
- http://www.americaslibrary.gov/jb/recon/jb_recon_telephone_1.html
- http://www.brighthubpm.com/methods-strategies/79052-exploring-how-technology-has-changed-communication/