Global Networked Readiness for Education

Berkman Center for Internet & Society
The World Bank Institute

12/16/2003
Student Survey  
Uganda  
Schoolnet Uganda

- Number of Participating Schools: 6  
- Number of Participants: 162

S.5 Your gender:
- Male  
  108 (66.67%)  
- Female  
  54 (33.33%)  

S.6 Your age:
- 9 or under  
  0  
- 10-12 years  
  0  
- 13-15 years  
  33 (20.37%)  
- 16-18 years  
  105 (64.81%)  
- 19+ years  
  24 (14.81%)  

S.7 How do you feel about the following school subjects? (please select one response for each row of the question)

Art
- I dislike this a lot  
  19 (11.95%)  
- I dislike this a little  
  20 (12.58%)  
- I do not like or dislike this  
  13 (8.18%)  
- I like this a little  
  66 (41.51%)  
- I like this a lot  
  41 (25.79%)  

Computers
- I dislike this a lot  
  0  
- I dislike this a little  
  1 (0.65%)  
- I do not like or dislike this  
  1 (0.65%)  
- I like this a little  
  15 (9.74%)  
- I like this a lot  
  137 (88.96%)
Literature/humanities
- I dislike this a lot 18 (11.76%)
- I dislike this a little 13 (8.5%)
- I do not like or dislike this 21 (13.73%)
- I like this a little 46 (30.07%)
- I like this a lot 55 (35.95%)

Local/national language
- I dislike this a lot 8 (5.06%)
- I dislike this a little 10 (6.33%)
- I do not like or dislike this 14 (8.86%)
- I like this a little 53 (33.54%)
- I like this a lot 73 (46.2%)

Other Language
- I dislike this a lot 8 (5.16%)
- I dislike this a little 16 (10.32%)
- I do not like or dislike this 12 (7.74%)
- I like this a little 64 (41.29%)
- I like this a lot 55 (35.48%)

Mathematics
- I dislike this a lot 15 (9.68%)
- I dislike this a little 10 (6.45%)
- I do not like or dislike this 10 (6.45%)
- I like this a little 31 (20%)
- I like this a lot 89 (57.42%)

Music
- I dislike this a lot 21 (13.73%)
- I dislike this a little 14 (9.15%)
- I do not like or dislike this
  14 (9.15%)
- I like this a little
  32 (20.92%)
- I like this a lot
  72 (47.06%)

Science
- I dislike this a lot
  9 (5.96%)
- I dislike this a little
  8 (5.3%)
- I do not like or dislike this
  8 (5.3%)
- I like this a little
  35 (23.18%)
- I like this a lot
  91 (60.26%)

Social sciences/history
- I dislike this a lot
  7 (4.52%)
- I dislike this a little
  15 (9.68%)
- I do not like or dislike this
  11 (7.1%)
- I like this a little
  47 (30.32%)
- I like this a lot
  75 (48.39%)

S.8 How many years have you been using computers?
- Less than 1 year
  41 (25.31%)
- About 1-2 years
  46 (28.4%)
- About 2-4 years
  54 (33.33%)
- About 4-6 years
  14 (8.64%)
- More than 6 years
  7 (4.32%)

S.9 How often do you use a computer in school?
- Never
  9 (5.56%)
- About once a month
  15 (9.26%)
- About once a week
  64 (39.51%)
- Several times a week
  70 (43.21%)
- Every day
S.10 How often do you use the Internet (websites and email) in school?
- Never
  27 (16.77%)
- About once a month
  20 (12.42%)
- About once a week
  55 (34.16%)
- Several times a week
  51 (31.68%)
- Every day
  8 (4.97%)

S.11 How much time do you spend during each session on the Internet at school?
- None
  19 (11.73%)
- About 15 minutes
  22 (13.58%)
- About 30 minutes
  47 (29.01%)
- About 1 hour
  46 (28.4%)
- More than 1 hour
  28 (17.28%)

S.12 Who has taught you the most about computers? (check one)
- I have taught myself
  16 (9.88%)
- My teachers
  84 (51.85%)
- My friends/other students
  38 (23.46%)
- My family
  11 (6.79%)
- Training outside of school
  13 (8.02%)

S.13 How often do you use computers/Internet in the following places? (please select one response for each row of the question)
At home
- Never
  88 (54.66%)
- Rarely
  23 (14.29%)
- Sometimes
  27 (16.77%)
- Very often
  10 (6.21%)
- A lot
  13 (8.07%)
At a friend/family’s home
- Never 112 (70%)
- Rarely 24 (15%)
- Sometimes 17 (10.62%)
- Very often 4 (2.5%)
- A lot 3 (1.88%)

At an Internet cafe or Telecentre
- Never 19 (11.8%)
- Rarely 21 (13.04%)
- Sometimes 44 (27.33%)
- Very often 32 (19.88%)
- A lot 45 (27.95%)

S.14 How often do you use computers at school for the following subjects? (please select one response for each row of the question)

Art
- Never 98 (60.49%)
- Rarely 27 (16.67%)
- Sometimes 18 (11.11%)
- Very often 9 (5.56%)
- A lot 10 (6.17%)

Computers
- Never 14 (8.97%)
- Rarely 8 (5.13%)
- Sometimes 20 (12.82%)
- Very often 27 (17.31%)
- A lot 87 (55.77%)

Literature/humanities
- Never 81 (52.26%)
- Rarely
  22 (14.19%)
- Sometimes
  29 (18.71%)
- Very often
  17 (10.97%)
- A lot
  6 (3.87%)

Local/national language
- Never
  95 (59.75%)
- Rarely
  26 (16.35%)
- Sometimes
  16 (10.06%)
- Very often
  12 (7.55%)
- A lot
  10 (6.29%)

Other language
- Never
  98 (62.03%)
- Rarely
  31 (19.62%)
- Sometimes
  18 (11.39%)
- Very often
  5 (3.16%)
- A lot
  6 (3.8%)

Mathematics
- Never
  80 (50.63%)
- Rarely
  18 (11.39%)
- Sometimes
  23 (14.56%)
- Very often
  14 (8.86%)
- A lot
  23 (14.56%)

Music
- Never
  66 (41.25%)
- Rarely
  14 (8.75%)
- Sometimes
  31 (19.38%)
- Very often
17 (10.62%)
  ● A lot
32 (20%)

Science
  ● Never
63 (39.62%)
  ● Rarely
24 (15.09%)
  ● Sometimes
25 (15.72%)
  ● Very often
19 (11.95%)
  ● A lot
28 (17.61%)

Social sciences/history
  ● Never
75 (46.3%)
  ● Rarely
31 (19.14%)
  ● Sometimes
26 (16.05%)
  ● Very often
16 (9.88%)
  ● A lot
14 (8.64%)

Other
  ● Never
45 (28.12%)
  ● Rarely
17 (10.62%)
  ● Sometimes
36 (22.5%)
  ● Very often
20 (12.5%)
  ● A lot
42 (26.25%)

S.15 How often do you use computers at school to do the following activities? (please select one response for each row of the question)
Practice keyboard/typing and basic computer skills
  ● Never
19 (11.8%)
  ● Rarely
26 (16.15%)
  ● Sometimes
35 (21.74%)
  ● A lot
24 (14.91%)
  ● Every time I use a computer at school
57 (35.4%)
Word processing, write papers
- Never
  34 (21.12%)
- Rarely
  22 (13.66%)
- Sometimes
  56 (34.78%)
- A lot
  31 (19.25%)
- Every time I use a computer at school
  18 (11.18%)

Use spreadsheet software
- Never
  66 (41.51%)
- Rarely
  36 (22.64%)
- Sometimes
  26 (16.35%)
- A lot
  13 (8.18%)
- Every time I use a computer at school
  18 (11.32%)

Use presentation software
- Never
  63 (39.87%)
- Rarely
  37 (23.42%)
- Sometimes
  37 (23.42%)
- A lot
  14 (8.86%)
- Every time I use a computer at school
  7 (4.43%)

Use draw, paint, or graphics software
- Never
  46 (28.4%)
- Rarely
  42 (25.93%)
- Sometimes
  33 (20.37%)
- A lot
  32 (19.75%)
- Every time I use a computer at school
  9 (5.56%)

Computer science/programming
- Never
  66 (41.77%)
- Rarely
  24 (15.19%)
- Sometimes 28 (17.72%)
- A lot 25 (15.82%)
- Every time I use a computer at school 15 (9.49%)

Create/maintain my own website
- Never 86 (53.42%)
- Rarely 30 (18.63%)
- Sometimes 21 (13.04%)
- A lot 10 (6.21%)
- Every time I use a computer at school 14 (8.7%)

Find news and information on the Internet
- Never 24 (15%)
- Rarely 14 (8.75%)
- Sometimes 51 (31.88%)
- A lot 36 (22.5%)
- Every time I use a computer at school 35 (21.88%)

E-mail
- Never 42 (25.93%)
- Rarely 18 (11.11%)
- Sometimes 21 (12.96%)
- A lot 38 (23.46%)
- Every time I use a computer at school 43 (26.54%)

Chat
- Never 52 (32.5%)
- Rarely 36 (22.5%)
- Sometimes 31 (19.38%)
- A lot 27 (16.88%)
- Every time I use a computer at school
14 (8.75%)
Download music
- Never
  48 (30.57%)
- Rarely
  31 (19.75%)
- Sometimes
  38 (24.2%)
- A lot
  23 (14.65%)
- Every time I use a computer at school
  17 (10.83%)
Create/edit music, video, or photos
- Never
  66 (41.25%)
- Rarely
  33 (20.62%)
- Sometimes
  30 (18.75%)
- A lot
  21 (13.12%)
- Every time I use a computer at school
  10 (6.25%)
Play games
- Never
  47 (29.38%)
- Rarely
  28 (17.5%)
- Sometimes
  16 (10%)
- A lot
  40 (25%)
- Every time I use a computer at school
  29 (18.12%)
Access educational resources or CD-ROMs
- Never
  42 (26.25%)
- Rarely
  29 (18.12%)
- Sometimes
  46 (28.75%)
- A lot
  32 (20%)
- Every time I use a computer at school
  11 (6.88%)
S.16 What are your favorite activities using a computer? (please select one response for each row of the question)
Practice keyboard/typing and basic computer skills
- I dislike this a lot
10 (6.21%)
- I dislike this a little
9 (5.59%)
- I do not like or dislike this
7 (4.35%)
- I like this a little
35 (21.74%)
- I like this a lot
100 (62.11%)

Word processing, write papers
- I dislike this a lot
16 (10.06%)
- I dislike this a little
15 (9.43%)
- I do not like or dislike this
16 (10.06%)
- I like this a little
59 (37.11%)
- I like this a lot
53 (33.33%)

Use spreadsheet software
- I dislike this a lot
25 (15.92%)
- I dislike this a little
30 (19.11%)
- I do not like or dislike this
29 (18.47%)
- I like this a little
45 (28.66%)
- I like this a lot
28 (17.83%)

Use presentation software
- I dislike this a lot
32 (20%)
- I dislike this a little
15 (9.38%)
- I do not like or dislike this
37 (23.12%)
- I like this a little
43 (26.88%)
- I like this a lot
33 (20.62%)

Use draw, paint or graphics software
- I dislike this a lot
17 (10.76%)
- I dislike this a little
17 (10.76%)
- I do not like or dislike this
21 (13.29%)
• I like this a little
49 (31.01%)
• I like this a lot
54 (34.18%)

Computer science/programming
• I dislike this a lot
13 (8.23%)
• I dislike this a little
11 (6.96%)
• I do not like or dislike this
21 (13.29%)
• I like this a little
35 (22.15%)
• I like this a lot
78 (49.37%)

Create/maintain my own website
• I dislike this a lot
15 (9.49%)
• I dislike this a little
10 (6.33%)
• I do not like or dislike this
20 (12.66%)
• I like this a little
34 (21.52%)
• I like this a lot
79 (50%)

Find news & information on the Internet
• I dislike this a lot
1 (0.62%)
• I dislike this a little
9 (5.62%)
• I do not like or dislike this
8 (5%)
• I like this a little
26 (16.25%)
• I like this a lot
116 (72.5%)

E-mail
• I dislike this a lot
6 (3.77%)
• I dislike this a little
3 (1.89%)
• I do not like or dislike this
11 (6.92%)
• I like this a little
26 (16.35%)
• I like this a lot
113 (71.07%)
Chat
- I dislike this a lot: 11 (7.01%)
- I dislike this a little: 8 (5.1%)
- I do not like or dislike this: 29 (18.47%)
- I like this a little: 36 (22.93%)
- I like this a lot: 73 (46.5%)

Download music
- I dislike this a lot: 12 (7.89%)
- I dislike this a little: 10 (6.58%)
- I do not like or dislike this: 9 (5.92%)
- I like this a little: 36 (23.68%)
- I like this a lot: 85 (55.92%)

Create/edit music, video, or photos
- I dislike this a lot: 15 (9.49%)
- I dislike this a little: 6 (3.8%)
- I do not like or dislike this: 13 (8.23%)
- I like this a little: 39 (24.68%)
- I like this a lot: 85 (53.8%)

Play games
- I dislike this a lot: 7 (4.4%)
- I dislike this a little: 9 (5.66%)
- I do not like or dislike this: 6 (3.77%)
- I like this a little: 28 (17.61%)
- I like this a lot: 109 (68.55%)

Access educational resources or CD-ROMs
- I dislike this a lot: 19 (12.34%)
- I dislike this a little: 13 (8.44%)
- I do not like or dislike this
  16 (10.39%)
- I like this a little
  48 (31.17%)
- I like this a lot
  58 (37.66%)

S.17 What are your challenges or concerns when using computers in your school? (please select one response for each row of the question)

Using the keyboard and/or mouse
- Not a challenge/concern
  73 (45.34%)
- Very minor challenge/concern
  39 (24.22%)
- Somewhat minor challenge/concern
  11 (6.83%)
- Somewhat major challenge/concern
  11 (6.83%)
- Very major challenge/concern
  27 (16.77%)

Lack of confidence and comfort using computers
- Not a challenge/concern
  72 (45.28%)
- Very minor challenge/concern
  30 (18.87%)
- Somewhat minor challenge/concern
  18 (11.32%)
- Somewhat major challenge/concern
  14 (8.81%)
- Very major challenge/concern
  25 (15.72%)

Being exposed to inappropriate information and images for young people
- Not a challenge/concern
  42 (26.09%)
- Very minor challenge/concern
  26 (16.15%)
- Somewhat minor challenge/concern
  36 (22.36%)
- Somewhat major challenge/concern
  17 (10.56%)
- Very major challenge/concern
  40 (24.84%)

Theft of personal information/privacy concerns
- Not a challenge/concern
  48 (30.38%)
- Very minor challenge/concern
  28 (17.72%)
- Somewhat minor challenge/concern
  15 (9.49%)
- Somewhat major challenge/concern
23 (14.56%)
- Very major challenge/concern
44 (27.85%)

Technical problems with hardware and software (electricity, viruses, etc.)
- Not a challenge/concern
  27 (16.88%)
- Very minor challenge/concern
  25 (15.62%)
- Somewhat minor challenge/concern
  18 (11.25%)
- Somewhat major challenge/concern
  35 (21.88%)
- Very major challenge/concern
  55 (34.38%)

Not enough time
- Not a challenge/concern
  9 (5.7%)
- Very minor challenge/concern
  9 (5.7%)
- Somewhat minor challenge/concern
  13 (8.23%)
- Somewhat major challenge/concern
  30 (18.99%)
- Very major challenge/concern
  97 (61.39%)

Too many people, not enough computers
- Not a challenge/concern
  23 (14.74%)
- Very minor challenge/concern
  10 (6.41%)
- Somewhat minor challenge/concern
  9 (5.77%)
- Somewhat major challenge/concern
  18 (11.54%)
- Very major challenge/concern
  96 (61.54%)

Lack of relevant content in my language
- Not a challenge/concern
  52 (32.5%)
- Very minor challenge/concern
  29 (18.12%)
- Somewhat minor challenge/concern
  17 (10.62%)
- Somewhat major challenge/concern
  24 (15%)
- Very major challenge/concern
  38 (23.75%)
Cost
- Not a challenge/concern
  31 (20.26%)
- Very minor challenge/concern
  18 (11.76%)
- Somewhat minor challenge/concern
  9 (5.88%)
- Somewhat major challenge/concern
  29 (18.95%)
- Very major challenge/concern
  66 (43.14%)

S.18 Do you use your school’s computers outside school hours?
- Yes
  73 (46.2%)
- No
  11 (6.96%)
- No, but I would like to
  74 (46.84%)

S.19 How would you describe the speed of your school’s Internet connection?
- Very slow
  20 (12.42%)
- Somewhat slow
  16 (9.94%)
- Medium speed
  56 (34.78%)
- Somewhat fast
  30 (18.63%)
- Very fast
  39 (24.22%)

S.20 How often does your school’s Internet connection work properly?
- Never
  3 (1.88%)
- Rarely
  14 (8.75%)
- Sometimes
  27 (16.88%)
- Usually
  63 (39.38%)
- Always
  53 (33.12%)

S.21 How often do you send and receive e-mail?
- Never (if so, then go directly to S.23)
  35 (22.01%)
- A few times every month
  50 (31.45%)
- A few times every week
  53 (33.33%)
- A few times every day
  12 (7.55%)
Many times every day
9 (5.66%)

S.22 If you use e-mail, whom do you use it to communicate with? (please select one response for each row of the question)

My friends/other students
- Never
  21 (14.09%)
- Rarely
  20 (13.42%)
- Sometimes
  22 (14.77%)
- Very often
  26 (17.45%)
- A lot
  60 (40.27%)

My teachers
- Never
  85 (57.43%)
- Rarely
  33 (22.3%)
- Sometimes
  18 (12.16%)
- Very often
  8 (5.41%)
- A lot
  4 (2.7%)

My family
- Never
  33 (22.3%)
- Rarely
  12 (8.11%)
- Sometimes
  20 (13.51%)
- Very often
  34 (22.97%)
- A lot
  49 (33.11%)

People in other countries
- Never
  29 (19.86%)
- Rarely
  21 (14.38%)
- Sometimes
  28 (19.18%)
- Very often
  20 (13.7%)
- A lot
  48 (32.88%)
S.23 How useful are the following people and tools in helping you learn? (please select one response for each row of the question)

**Educational software and CD-ROMs**
- Not useful
  - 26 (16.67%)
- A little useful
  - 27 (17.31%)
- Somewhat useful
  - 22 (14.1%)
- Very useful
  - 52 (33.33%)
- Necessary
  - 29 (18.59%)

**World Wide Web**
- Not useful
  - 7 (4.4%)
- A little useful
  - 11 (6.92%)
- Somewhat useful
  - 14 (8.81%)
- Very useful
  - 74 (46.54%)
- Necessary
  - 53 (33.33%)

**E-mail**
- Not useful
  - 15 (9.43%)
- A little useful
  - 12 (7.55%)
- Somewhat useful
  - 12 (7.55%)
- Very useful
  - 73 (45.91%)
- Necessary
  - 47 (29.56%)

**Textbooks**
- Not useful
  - 6 (3.8%)
- A little useful
  - 22 (13.92%)
- Somewhat useful
  - 17 (10.76%)
- Very useful
  - 73 (46.2%)
- Necessary
  - 40 (25.32%)

**Teachers**
- Not useful
  - 5 (3.12%)
• A little useful
  11 (6.88%)
• Somewhat useful
  19 (11.88%)
• Very useful
  68 (42.5%)
• Necessary
  57 (35.62%)

My friends/other students
• Not useful
  4 (2.52%)
• A little useful
  11 (6.92%)
• Somewhat useful
  27 (16.98%)
• Very useful
  84 (52.83%)
• Necessary
  33 (20.75%)

My parents
• Not useful
  15 (9.55%)
• A little useful
  14 (8.92%)
• Somewhat useful
  15 (9.55%)
• Very useful
  68 (43.31%)
• Necessary
  45 (28.66%)

S.24 How have computers affected the way you feel about school?
• Computers have made me like school much less
  9 (5.62%)
• Computers have made me like school a little less
  0
• Computers have not changed the way I feel about school
  25 (15.62%)
• Computers have made me like school a little more
  33 (20.62%)
• Computers have made me like school much more
  93 (58.12%)

S.25 How have computers affected you as a student?
• Computers have made me a much worse student
  0
• Computers have made me a somewhat worse student
  1 (0.62%)
• Computers have not affected me as a student
  28 (17.5%)
• Computers have made me a somewhat better student
  33 (20.75%)
• Computers have made me a much better student
  45 (28.66%)
Computers have made me a much better student
82 (51.25%)  

S.26 How would you describe the attitudes toward computers of most teachers in your school?
- Most teachers really dislike using computers in their classes
  4 (2.52%)
- Most teachers somewhat dislike using computers in their classes
  3 (1.89%)
- Most teachers are indifferent about using computers in their classes
  22 (13.84%)
- Most teachers somewhat like using computers in their classes
  32 (20.13%)
- Most teachers really like using computers in their classes
  98 (61.64%)

S.27 How would you describe the attitudes toward computers of most other students in your school?
- Most other students really dislike using computers in their classes
  3 (1.86%)
- Most other students somewhat dislike using computers in their classes
  3 (1.86%)
- Most other students are indifferent about using computers in their classes
  10 (6.21%)
- Most other students somewhat like using computers in their classes
  23 (14.29%)
- Most other students really like using computers in their classes
  122 (75.78%)

S.28 Information that you find on the Internet
- Should never be believed
  1 (0.62%)
- Should rarely be believed
  4 (2.48%)
- Should sometimes be believed
  47 (29.19%)
- Should usually be believed
  54 (33.54%)
- Should always be believed
  55 (34.16%)

S.29 My parents
- Are not interested in my use of computers
  2 (1.24%)
- Are a little interested in my use of computers
  6 (3.73%)
- Are somewhat interested in my use of computers
  9 (5.59%)
- Are fairly interested in my use of computers
  24 (14.91%)
- Are very interested in my use of computers
  120 (74.53%)
S.30 The use of computers in school is
- Not at all important for my future jobs
  1 (0.62%)
- A little important for my future jobs
  2 (1.24%)
- Somewhat important for my future jobs
  2 (1.24%)
- Fairly important for my future jobs
  11 (6.83%)
- Very important for my future jobs
  145 (90.06%)

S.31 How do you prefer using computers in school?
- Always by myself
  47 (29.56%)
- Usually by myself
  18 (11.32%)
- Sometimes by myself and sometimes in a group
  56 (35.22%)
- Usually in a group
  15 (9.43%)
- Always in a group
  23 (14.47%)

S.32 Who helps you the most when you have trouble using a computer at school?
- Always other students
  16 (9.94%)
- Usually other students
  17 (10.56%)
- Sometimes other students and sometimes a teacher/computer lab supervisor
  61 (37.89%)
- Usually a teacher/computer lab supervisor
  22 (13.66%)
- Always a computer lab supervisor
  45 (27.95%)

S.33 How often do you use computers in school outside of normal class hours?
- Never
  34 (21.38%)
- A few times every month
  29 (18.24%)
- A few times every week
  59 (37.11%)
- A few times every day
  26 (16.35%)
- Many times every day
  11 (6.92%)