21st Century Skills
Possible Survey Questions

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Leadership:

1. Has the organization effectively identified these skills (known as the Four C’s) as priorities for staff development and curriculum planning?
   - Critical Thinking
   - Communications Skills
   - Collaboration/team building
   - Creativity and Innovation

   Yes to all  Most of these  Some of these  None of these

2. Has the district measured these skills and competencies (the Four C’s) during annual performance reviews?

   Yes  or  No

3. Has your organization made an effort to assess these skills and competencies when hiring new employees?

   Yes  or  No

4. How do you believe the district will view these skills and competencies in the next five years?
   a. They will become less important
   b. They will remain the same
   c. They will be more important
   d. No opinion

5. Rate by order of importance why you believe these additional skills and competencies are taking on relative importance in the business environment/workplace.
   a. Nature of work
   b. Global Competition
   c. Pace and change
   d. Organizational structure
6. How would you rate the skill levels of recent graduates with the need for today’s work that is required in the place of work?
   a. Excellently prepared
   b. Prepared relatively well
   c. Somewhat prepared
   d. Not prepared

7. Please rate the following method for developing employees in closing the gap using the Four C’s
   a. Professional Development training
   b. In-house/job training
   c. Mentoring
   d. One–on–one coaching

8. Do you believe that fusing the three R’s (reading, writing and arithmetic) with the Four C’s (Critical Thinking, Communications Skills, Collaboration/team building, Creativity and Innovation) ensures 21st Century readiness for students today?
   
   Strongly agree    Agree somewhat    Not sure    Have not formed an opinion

Additional questions slanted in a different way:

1. Do you believe only high achieving students benefit from the use of technology?
   
   Strongly agree    Agree somewhat    Not sure    Have not formed an opinion

2. Do you feel that teachers are prepared by their initial teacher preparation programs to effectively incorporate 21st Century thinking and technology in their classrooms?
   
   Strongly agree    Agree somewhat    Not sure    Have not formed an opinion

3. What do you believe the effect on student engagement is when technology is integrated in the content areas?
   
   High    Moderate    Low    None at all
4. When your school wants to implement new technology supported learning strategies, how does your school typically handle that training and support? Please select all that apply.

   a. Train a few teachers to train others
   b. Have master coordinator to train all
   c. Send each teacher to training classes
   d. Bring a trainer to school
   e. Register for on-line class/course
   f. Develop support teams of teachers to meet and share experiences

5. When you want to learn how to incorporate new technology in your classroom, where do you turn?

   a. On-line social network
   b. Books on the subject
   c. Technology class
   d. Grade level team/subject level team
   e. Friend outside of profession
   f. Website
   g. Technology specialist/support
   h. Fellow teacher not specifically designated technology support or specialist
**Student-based Questions**

(Use the scale to determine your comfort level with each factor using educational technology by shading in the portion that represents your thinking.)

Example:

I like having a pet at home. (Shade in the area)

Not Comfortable 1 2 3 4 Very Comforable

1. Taking quizzes on line

Not Comfortable 1 2 3 4 Very Comforable

2. Using an on line response question and Answer system as part of your classwork

Not Comfortable 1 2 3 4 Very Comforable

3. Using Google docs or Apps to learn

Not Comfortable 1 2 3 4 Very Comforable

4. Using web-based threaded discussion tools

Not Comfortable 1 2 3 4 Very Comforable

5. Using chat tools

Not Comfortable 1 2 3 4 Very Comforable

6. Creating animations with art programs

Not Comfortable 1 2 3 4 Very Comforable

7. Using multimedia an editing tools for different presentations

Not Comfortable 1 2 3 4 Very Comforable
8. Using desktop publishing programs

Not Comfortable 1 2 3 4 Very Comfortable

9. Using the internet for research

Not Comfortable 1 2 3 4 Very Comfortable

10. Do you feel the amount of time provided to you is generally adequate to learn educational technologies?

Not Comfortable 1 2 3 4 Very Comfortable

11. Many students use social networking sites such as Facebook, MySpace, Bebo, Orkut to keep in touch with friends and acquaintances. If you use such a site, how would you feel about efforts to integrate that site into your academic experience – seeing announcements from your classes in Facebook, for instance?

Strongly agree    Agree somewhat    Disagree    Have not used such sites to form an opinion

12. Which of the following portable devices do you own, and which would you like to own?

(Mark one answer for each)

a. Smart Phone

I own already    Don’t own but would like one    Don’t own and don’t want one    Don’t know

b. Cell Phone

I own already    Don’t own but would like one    Don’t own and don’t want one    Don’t know

c. Audio Player

I own already    Don’t own but would like one    Don’t own and don’t want one    Don’t know

d. Video Player

I own already    Don’t own but would like one    Don’t own and don’t want one    Don’t know
e. Laptop Computer

I own already  Don’t own but would like one  Don’t own and don’t want one  Don’t know

t. IPAD

I own already  Don’t own but would like one  Don’t own and don’t want one  Don’t know

g. Kindel, Nook, EReader

I own already  Don’t own but would like one  Don’t own and don’t want one  Don’t know

h. Netbook or Handheld computer

I own already  Don’t own but would like one  Don’t own and don’t want one  Don’t know

13. Many teachers are interested in creating lessons/courses which asks students to work with digital media such as video and audio files. Which of the following media-related technologies would you like to use to learn and present what you have learned?

a. Digital Camera (as part of a cell phone)

b. Digital Camera (but not part of a cell phone)

c. Digital Audio Recording Device

d. Digital Video Camera

e. Video editing software on a computer

14. Many new web-based technologies allow users to participate actively in the creation of on-line content related material associated to school work. Would you be interested in the following?

a. Create or contribute to a Blog

b. Create or contribute to a Wiki

c. Create a podcast

d. Upload a video to (eg. YouTube) to share with others

e. Upload photos to (eg. Snapfish) to share with others

14.a Scale: (Please refer to question 14 to answer your preferred level of participation)

More than once per week  Twice per month  Once per semester
15. Please rate the following by marking only one answer for each:

Educational technology has played an important role in my learning experience in a variety of ways.

a. Most of the available technology is available and easy to learn

   Strongly agree    Agree somewhat    Not sure    Have not formed an opinion

b. Education and the incorporation of group work to problem solve and the use of a variety of technology has made it easier for me to learn

   Strongly agree    Agree somewhat    Not sure    Have not formed an opinion

c. Education and the incorporation of group work, to problem solve and the use of a variety of technology has made it easier to work with other students

   Strongly agree    Agree somewhat    Not sure    Have not formed an opinion

d. The education that I am receiving that allows me to work with others to problem solve and with the use of technology will be useful in my future career

   Strongly agree    Agree somewhat    Not sure    Have not formed an opinion

e. The way teachers are educating me through the use of technology, being involved in group work to solve problems helps me to see how the ideas I learn in class apply to real life

   Strongly agree    Agree somewhat    Not sure    Have not formed an opinion

f. The way I am provided instruction though my collaborating with others to problem solve and in using technology has helped me to produce one or more versions of an assignment before the final product

   Strongly agree    Agree somewhat    Not sure    Have not formed an opinion

g. I am more engaged in class when technology is a part of my education and I am able to work with others on projects where I have to find solutions to real problems

   Strongly agree    Agree somewhat    Not sure    Have not formed an opinion

h. I am more engaged in my class work when technology is readily available and I am able to work with others to solve problems and find solutions through increased choices, flexible grouping, and through the use of a variety of materials. I am involved in a process

   Strongly agree    Agree somewhat    Not sure    Have not formed an opinion
16. Which best describes my preference:

   a. I prefer taking classes where there is not collaboration with others or use of technology

   b. I prefer to take an on-line course that uses a small amount of technology

   c. I prefer taking a course with moderate use of technology and when I am not having to collaborate face to face with others

   d. I prefer to use technology and collaborate with others to problem solve, use computer simulations, have discussions through blogs, wikis, learn from streaming videos and audios, learn on-line

   e. I prefer taking courses on-line exclusively with no face to face interactions

17. Visualizations, simulations, and or animations help me to learn difficult concepts

   Strongly agree    Agree somewhat    Not sure    Have not formed an opinion

18. When at school, I frequently experience problems with the computer I am using, or the printer, or the internet

   Strongly agree    Agree somewhat    Not sure    Have not formed an opinion