

21st Century Learning and Teaching

Matt, Ross, and Sara

- **Students will be able to multitask** - teachers should be prepared for students to work more at their own pace and have activities available in case they finish a task early to further challenge them / maintain high expectations and know that they might be more knowledgeable
- **More Visual Learning** - teachers can use more videos and visuals with the use of a projector
- **More collaborative with other students** - teachers can provide opportunities to respond and share to each other's work

Might be harder to keep students engaged - finding what motivates them and interests them and using hands-on learning, use interactive textbooks

- **Students want instant answers at their finger tips** - push students to go beyond the obvious fact to really understand what happened
- **More access to information to use for research** - teaching how to cite information properly and teaching them how to not plagiarise
- **Students might struggle with actual handwriting** - teachers should provide opportunities for students to still write / provide different avenues to learn
- **Students will be creative in ways we won't expect** - teachers should be comfortable with trying new things and letting students take a risk
- **Internet usage can be dangerous** - teachers should help demonstrate internet safety
- **Students can be sneaky and misuse their computer**

Kelly, Elizabeth, Sue

Students:

- will think of ways they may complete a task better/faster/more creatively
- will have many ways to complete a task
- may complete tasks and assignments faster than before
- will be used to collaborating in partners and groups
- may collaborate online as a whole class
- may not listen to instructions and go off on their own
- may know more about these tools than we do!
- may struggle to keep up
- will have more fun with assignments
- will be able to write in language arts just like real writers do
- are more adept at researching

Teachers:

- continue to learn - from other teachers and students
- be flexible
- be open-minded

- consider multiple ways to complete assignments
- give students choices
- must get to know students and their interests
- spend time coming up with “new” ways of doing the “old” stuff
- must maintain a positive attitude
- continue supervising students while they work
- spend time researching to find the new tools and learn how to use them
- should provide a safe environment for students to share and comment on each other’s work
- could access and comment on student work at anytime
- should continue to stress safety online

Dave

Students will:

- be able to research information and create artifacts at a much faster rate because they have a computer.
- peer edit the work of others in and outside of the classroom.
- be able to have the classroom expand beyond the 40 min and 4 wall confines of the classroom.
- Combine the computer with hand created work to access multiple ways to ignite learning

Katie and Debbie

Students will be able to:

- Navigate more quickly since it’s their laptop set up their way.
- Their comfort level with programs will be higher than ever before
- They can collaborate any place, any time!
- Choose the best way to take notes in class. Offers more differentiation.
- Use drop box for assignments (eliminate paper!)
- They can complete assignments at home with various programs rather than relying on coming in to computer lab.
- More easily communicate with us when questions and problems arise.

How we will need to alter our teaching:

- We’ll need to model alternatives/styles of note taking and be more flexible
- Some extra TLC for kids new to the district as they embark on this journey, too
- We will need to alter our supervision while using laptops since they will be much more acclimated with using the laptops.
- Have more assignments available online/our web pages
- Expect to be working collaborately in groups and in problem based learning projects.
- Have more supplemental/enrichment projects

- Our timeline will be different. Our expectations will be that things can be completed in a more timely fashion and they can finish things at home.
- We can do more exit surveys to determine student understanding quickly.

CAROL

Students will already know rules of surfing the net.

Students will be familiar with using the computers to “turn in” work

Students will know more than me.

Students will be able to teach me and each other.

Students will be more willing to seek out new information.

Teachers won’t have to do much with explaining the “how to’s”

Teacher “Paper” work will be lessened.

Teachers need to be willing to accept learning by the students in different ways (multiple intelligences.)

Use of drop boxes will be encouraged.

Textbook resources that have not previously been utilized will be more available

Webquests and games, etc. will be available to use for learning.

Idea: In S.S. have a bell ringer about something in Current Events or This Day in History which causes the students to seek out the answer.

Students come ready to create projects. They already know how to use software and we don’t have to expend instructional time on software training.

Challenges: Rigid class periods: take advantage of block scheduling

Students are often engaged in projects they have chosen for themselves or are delving into topics that are of interest to them.