

*21st Century Learners are learning* ***with*** *technology not just* ***from*** *technology!*

*Meaningful Learning will take place when technologies are used by students to:*

* *Knowledge Construct, not reproduce;*
* *Converse, not just receive;*
* *Articulate, not just repeat;*
* *Collaborate, not compete; and*
* *Reflect, not prescribe*



* Creativity & Innovation
* Communication & Collaboration
* Research & Info. Fluency
* Critical Thinking
* Digital Citizenship
* Technology Operations & Concepts

Comments & Reflection Questions

* Can we benefit from both learning from technology as well as with technology?
* How can you realistically incorporate all of the NETS standards and 21st Century Skills framework into your lesson plans without feeling overwhelmed?
* It starts with **teachers** to initiate this 21st Century Technology movement!
* Teachers need to have content knowledge as well as pedagogical, technological, and a learning knowledge dimension in order to be a successful 21st Century instructor (TPLACK).
* Information gathering using the internet is so vast that students need to be taught how to effectively use such a powerful research tool.
* Students also need to learn how to evaluate the information found as a result of their information gathering.
* Safety in student tech use is critical in protecting them from unnecessary harm.
* Open-ended and student-directed research projects encourages students to think critically and independently.

**Workout in Word 2007 Tips Used**

7. I used Word Art for “Characteristics of Meaningful Learning”, “NETS Standards”, and “Internet Search Sequence” Titles.

6. I used AutoShape for the design at the top of the assignment.

5. I changed my bullets by clicking on the bullet icon and selecting desired bullet design.

2. I used the ClipArt option for the two computer ClipArt designs.