Use of Technology in the Classroom to Improve Instruction and Student Engagement

Traditional Classroom vs 21st Century Classroom

Traditional Classroom

- Lecture
- Handouts
- Textbook
- Group work
- Whiteboard

In the Traditional Classroom you may have:
- Lectures
- Handouts
- Textbooks
- Group Work
- Whiteboards

In the 21st Century Classroom you may have:
A classroom with the following technologies; not necessarily ALL technologies listed.
21st Century Classroom allows the teacher to “think” outside the box...this will Increase Student Engagement, Decrease Behavior Issues, and Increase Student Achievement.

When the teacher is in a comfort area “inside the box” with his/her teaching it will be a smoother transition before going “outside the box” with his/her teaching. This is a great time to incorporate technology. Start small, then build upon the technology being used.

In a 21st Century Classroom the use of an Interactive Whiteboard can offer:
Dynamic, Freedom, Permanent, No Consumable, and No Size Constraints
21\textsuperscript{st} Century Classroom
Interactive Whiteboard

- Dynamic
- Freedom
- Permanent
- No Consumable
- No Size Constraints

- Grouping
- Videos
- Interactive

- Dynamic
- Freedom
- Permanent
- No Consumable
- No Size Constraints

- Student

- Teacher

- Dynamic
- Freedom
- Permanent
- No Consumable
- No Size Constraints

- Save
- Capture Picture
- Capture Video
In the Traditional Classroom you may have Handouts.

In the 21st Century Classroom, the Document Camera can help in substituting for handouts, books, and assist in demonstrations.

Online Resources include:
- Desire 2 Learn
- Turn It In
- United Streaming
- On My Calendar

21st Century Classroom
Online Resources