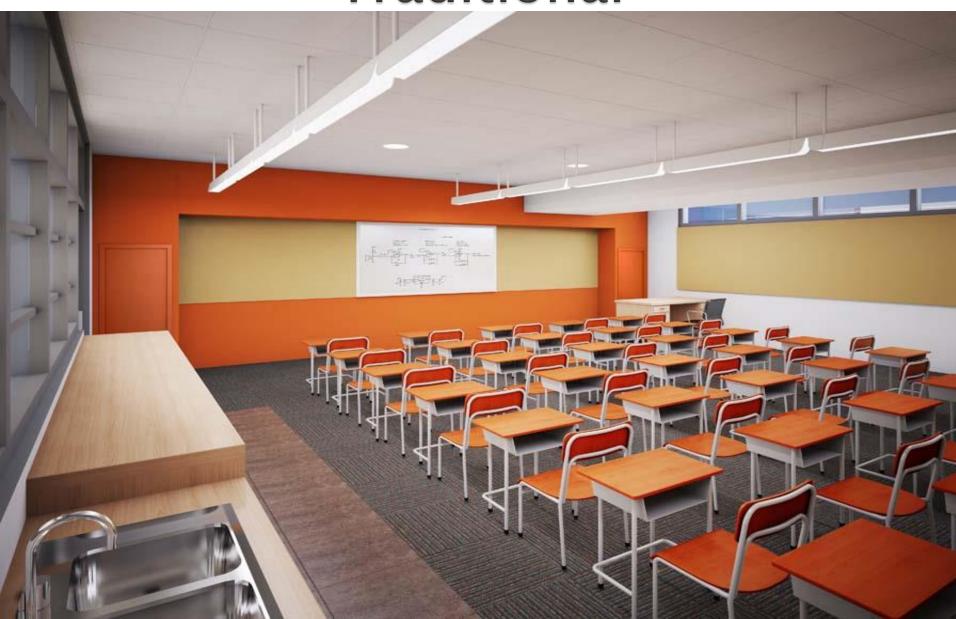
# Furniture, Fixtures and Equipment (and Technology!)

Justin H. Matthews, M.Ed Mountain Island Charter School Jennifer Lucas, M.Ed Voyager Academy

#### **Furniture**

- Classroom Layout
  - Age/Grade of student
  - ii. Type of Learning
  - iii. Versatility
  - iv. Aesthetic
- Office Layout
  - i. Privacy Needs
  - ii. Student Medical Needs
  - iii. Reception/Waiting Area
  - iv. Aesthetic

# "Traditional"



## Tables vs Desks



"Montessori"



#### **Fixtures**

- Instructional Supplemental Accessories
  - i. Whiteboards
  - ii. Cork/Bulletin Boards
  - iii. Signage (Most ADA signage alreadyincluded in building)
  - iv. Televisions
  - v. Projection

#### Equipment

- > Instructional Equipment
  - Any and all remaining items to execute charter contract
  - ii. Consider not only core classroom, but specialty and elective areas
- Support Equipment
  - Multipurpose/Cafeteria/Auditorium
  - ii. Cleaning, Maintenance and Landscaping
  - iii. Consider unique needs of school facility

## **Technology**

- Network Backbone Hardware
  - i. Server
  - ii. Network Switches
  - iii. Wireless Access Points
  - iv. Communications
- Network Hybrid/Software
  - i. Firewall
  - ii. AP Control
  - iii. Email system
  - iv. Shared Storage/Cloud

## Technology "End Users"

- > Students
  - Computer Labs/Mobile Labs
  - Classroom Technology
  - iii. Internet Use
  - iv. EOG/EOC Testing
- Teachers
  - i. Instructional Technology
  - ii. Desktops vs. Laptops vs. Tablets

#### Critical Path Items for FFET

- Master Site Plan/Classroom Floor Plan
- Internet and Phone Connectivity
- Delivery, Installation and Trash Removal Plan
- Financing and long term budgetary implications

#### NC State Internet for Schools

- State allows "pass through" of internet costs through MOU from DPI to bill ERATE for up to 70% of internet service through MCNC
- Remainder of internet service costs can be covered through North Carolina Connectivity Initiative (state funded)
- Bundle includes a state provided firewall and content filter

### FFET Financing Options

- "Cash and Carry"
- Conventional Financing
  - Generally requires collateral or guarantor
  - ii. Rates would be between LIBOR and cost of capital (6-8%) based on strength of borrower
- Leasing
  - Leasing Company is the owner of FFET for duration of term
  - Generally does not require additional collateral
  - iii. Rates loosely based on cost of capital (9-14%)
  - iv. Usually includes back end "Market Value" lump sum payment



#### Thank You!

Justin Matthews

jmatthews@micharter.org

(954) 815 9568

Jennifer Lucas

jlucas@voyageracademy.net

(954) 732 3122