



Designing a New Space

Top 20 Big Ideas

- What is your District's idea for the space?
- What is your idea for the space/lab?
- Who is the main decision maker for the school district?
- What are your local business needs and industry partnerships?

Top 20 Big Ideas

- The architect plans and controls the project.
- Department members roles and inputs?
- How do you manage your budget?
- Plan for the project to go over budget...
- How much input will you be allowed? How much work do you want to put in?

Top 20 Big Ideas

- Review plans anytime there is a change!
- If something doesn't look right, ask!
- ALWAYS ASSUME THE ARCHITECTS DON'T HAVE A CLUE ABOUT YOUR SPACE AND GOALS!
- How much trust does your district have in you!

Top 20 Big Ideas

- Power of payment to get contractors work completed...
- Can you get competitive bids if quoted work is too expensive? Typically on change orders.
- Tour other modern schools and talk to instructors - ask questions, take pictures

Top 20 Big Ideas

- What are your District's Technical and State College's vision and direction?
- Where to start with Equipment needs?
 - a. What equip stays, what will be replaced or discarded?
- What career pathways are available for students who use the space?
- Is the space flexible and updateable, based on class, new technology, and personnel?

Our Journey!



Areas of Perception

1. Windows and garage doors for lab visibility.
This has been a non-issue for instruction.
2. Storage: Will your needs be met?
 - a. Always ask more - this is often underestimated!
3. What really is code? What to do if it is not a code, but an OSHA standard?

Problem Areas to Consider?

- Ordering new equipment.
- Making sure new equipment specs are read!
- Moving current equipment without damaging
- Keeping current equipment secure during construction and moving
- How to handle damaged and missing equipment?

Problem Areas to Consider?

- How do you move a shop?
 - a. We made pallet based crates. Stackable with plywood bottoms and sides.
- Prep all equipment to be moved properly. Oil and bag. We had concrete dust on everything we stored...
- Are you replacing the current concrete floors?

Problem Areas to Consider?

- Do the proposed meet your needs?
 - a. Electrical, HVAC, Plumbing, Dust collection, Floor drains, Air Compressors, garage door openings, and etc.
- Magnetic drop-outs for equipment if power goes out and turns on?
- Identifying what is staying and what is junk?

Problem Areas to Consider?

- What to do with surplus equipment?
 - a. Sell or junk?
 - b. Where does the money go?
- Material moving?
 - a. How do you move wood or metal storage items?
- Damaged items in our move:
 - a. Jointer, lockers, etc.

Problem Areas to Consider?

1. Who's in charge of furniture?
2. Who decides layouts of classrooms, computer labs, Maker Spaces, and etc?
3. How much space do you need? How do you calculate sq ft. equipment and students?
4. Floor coverings and sealing concrete?
5. Mobile storage

Resources

<https://drive.google.com/drive/folders/0B4ipjPfZbnriTWWhZcm81NzVfdnM?usp=sharing>

TOUR OUR SCHOOL TOMORROW!

2:15-4:15

Awesome door prizes around 3:15
Brewer Tickets, Snap-on tools, T-shirts,
hats, etc!

Aric Hanusa

ahanusa@barabooschools.net

(608)355-3940 x2224

Ethan Engevold

eengevold@barabooschools.net



#BARABOOPROUD

#BARABOOPROUD

THUNDERBIRDS

THUNDERBIRDS

#BARABOOPROUD

ALWAYS ONWARD

ALWAYS ONWARD

#BARABOOPROUD

THUNDERBIRDS

#BARABOOPROUD

THUNDERBIRDS

#BARABOOPROUD

#BARABOOPROUD

ALWAYS ONWARD

THUNDERBIRDS

THUNDERBIRDS

ALWAYS ONWARD

#BARABOOPROUD

#BARABOOPROUD

THUNDERBIRDS

ALWAYS ONWARD

ALWAYS ONWARD

THUNDERBIRDS

#BARABOOPROUD

THUNDERBIRDS

#BARABOOPROUD

THUNDERBIRDS

#BARABOOPROUD

#BARABOOPROUD

THUNDERBIRDS

THUNDERBIRDS

THUNDERBIRDS