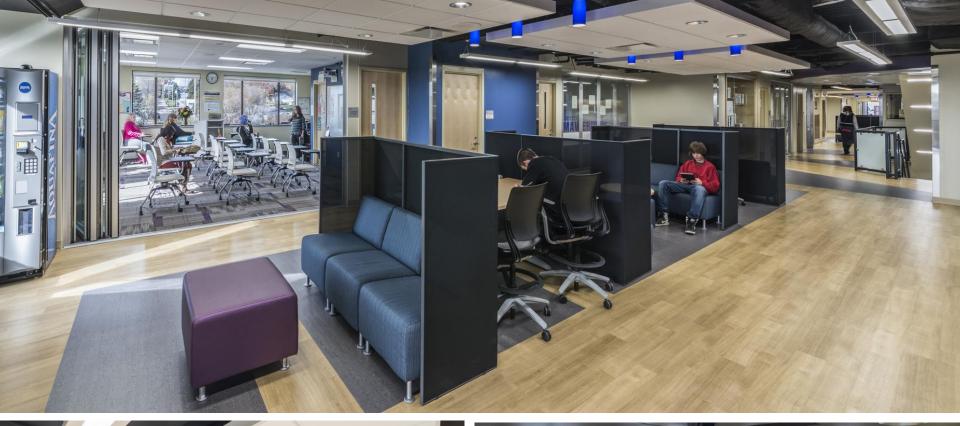


HACKING THE SCHOOL BUILDING

An innovator's guide to future-ready learning environments

BLDD Architects, Inc.
Charles City Community Schools











TRADITIONAL PLANNING FAILS

Visits to new schools

- Shopping for cars
- Bigger better versions of old models

Interviews

- Limited value of input
- Lost in translation

Charrettes

- Limited time to develop expectations
- Chasm between what users THINK they want, and LEARNING what they want through experience

WHO WE ARE



Dr. Dan Cox
Superintendent
Charles City Schools

Ryan Rahmiller Charles City Schools Amanda Rahmiller Charles City Schools

SUPERINTENDENT

MIDDLE SCHOOL TEACHER

MIDDLE SCHOOL TEACHER





ARCHITECT

EXPERT

magnetic VISION

new APPROACH

freewill of **TEACHERS**

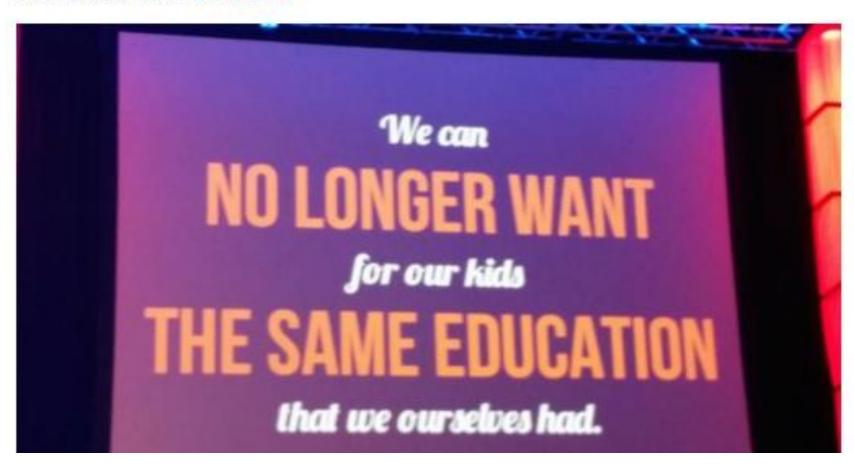


magnetic MSION



Dr. Dan Cox @DanCoxPhD · Nov 20

We can lo longer want for our kids the same education that we ourselves had. #IASB14





- Lots of natural light
- Wide corridors that double as learning spaces
- Glass walls
- Exhibition space

Beyond the physical attributes, it's also the focus on the design principles:

- Personalization
- adult world connection
- common intellectual mission
- teacher as designer

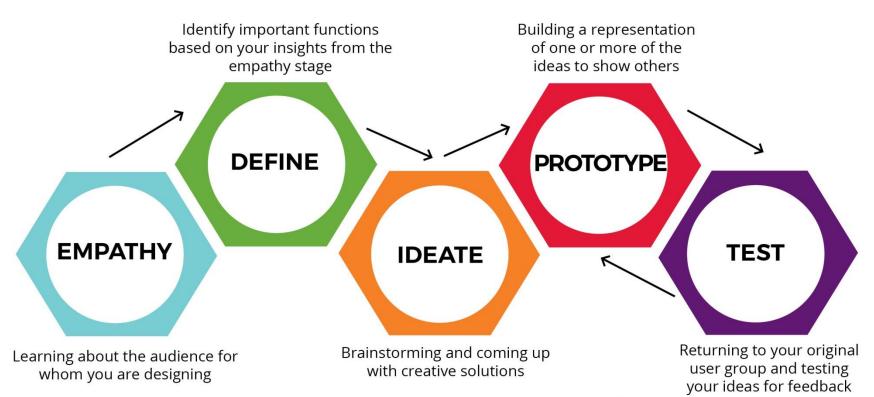
Dr. Dan Cox, Superintendent Charles City Community Schools





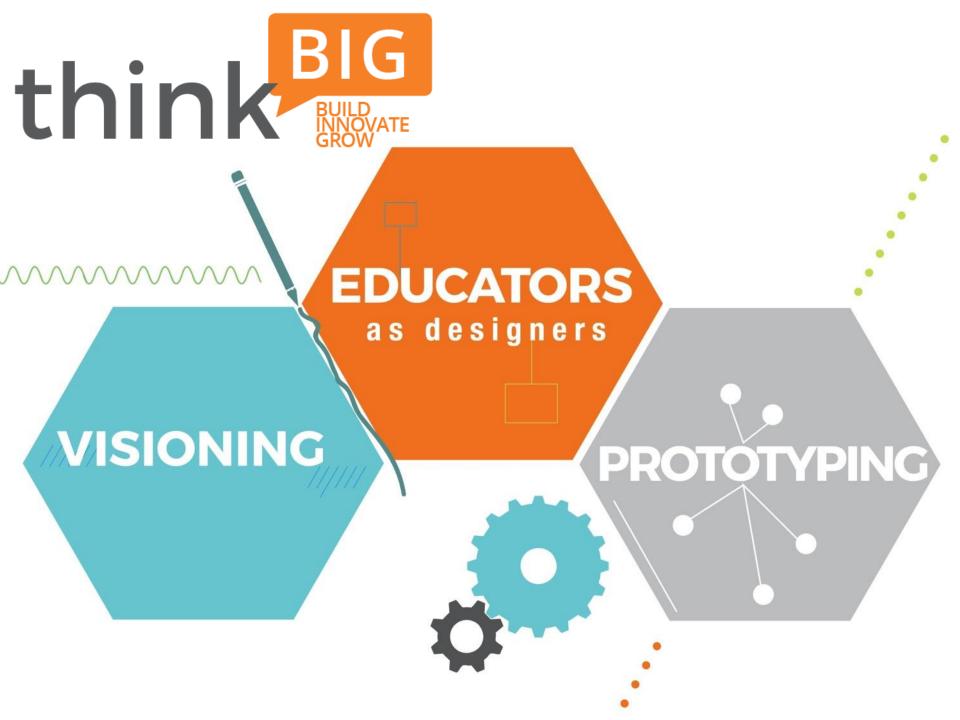
new APPROACH

DESIGN THINKING PROCESS





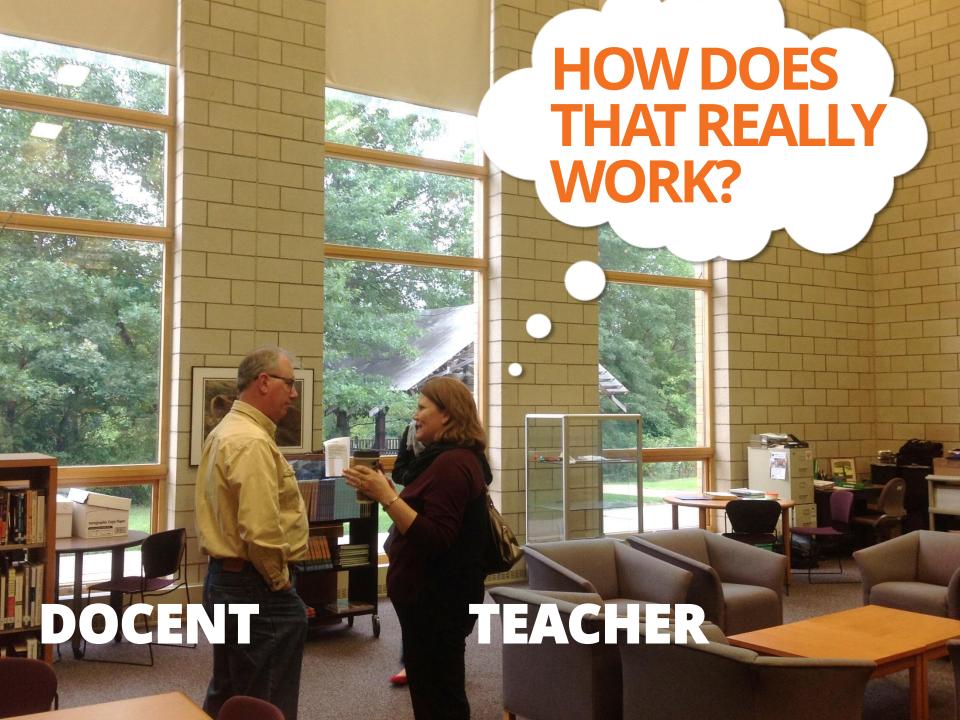


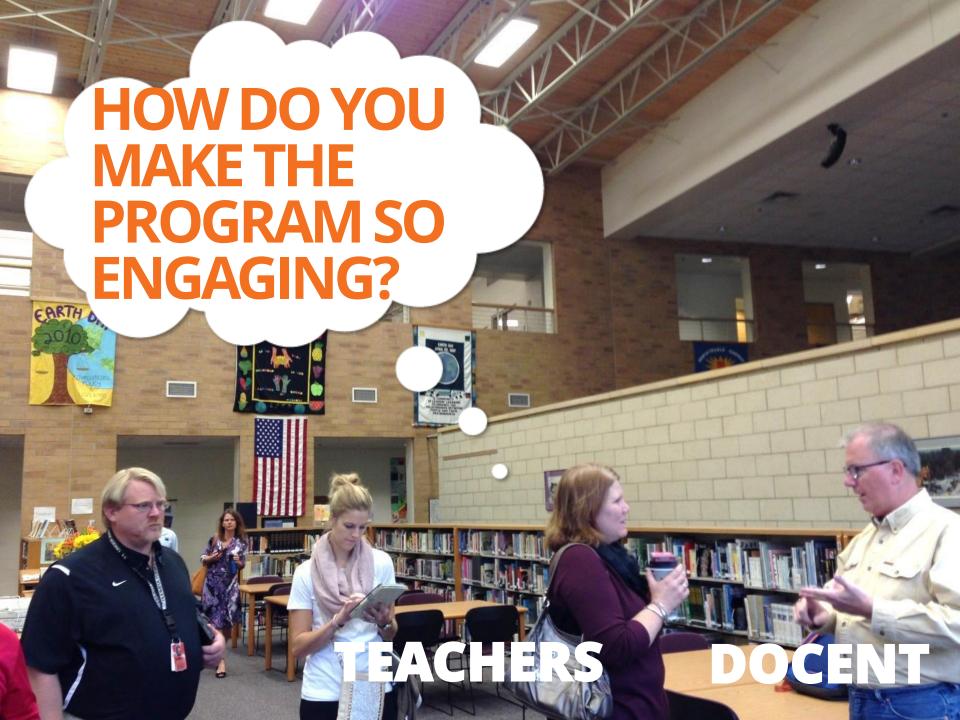


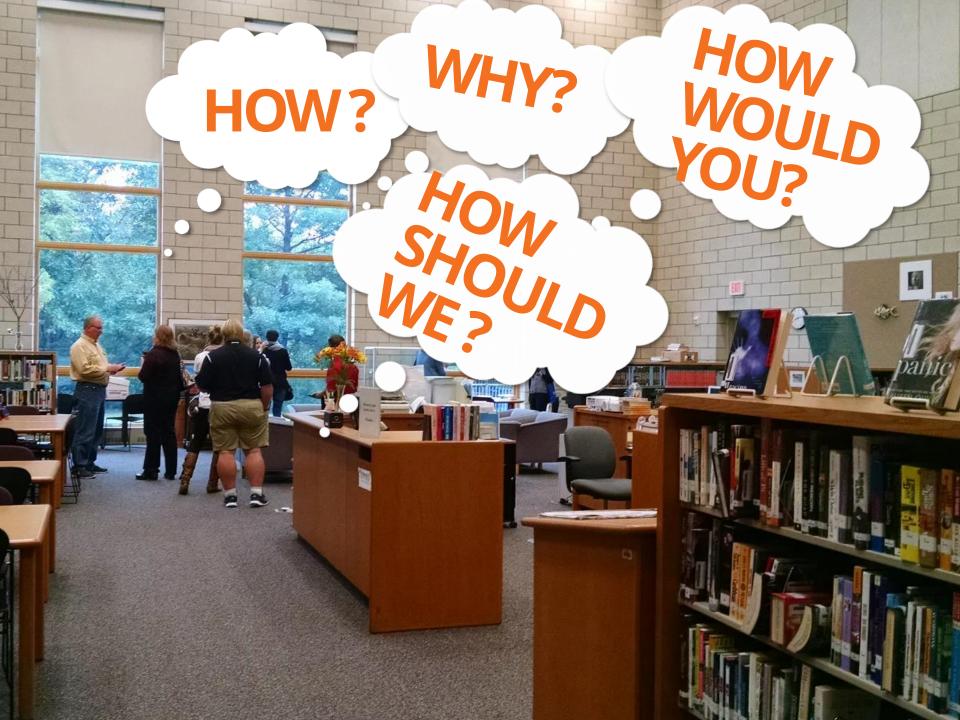










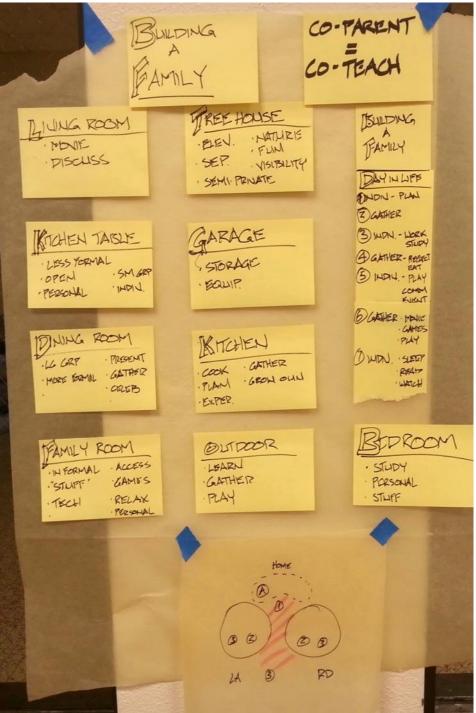


Teacher Video

TAKEAWAYS

- Teachers getting to <u>observe other</u> teachers and ask questions is a MUST!!!!
 - Send a "Frenchman to speak with the French"
- Discovery is more powerful than persuasion
 - "We've got to do things differently!"
 (Julie Holub exhorting her colleagues after touring SES and FAIR)









AMANDA'S WANT LIST

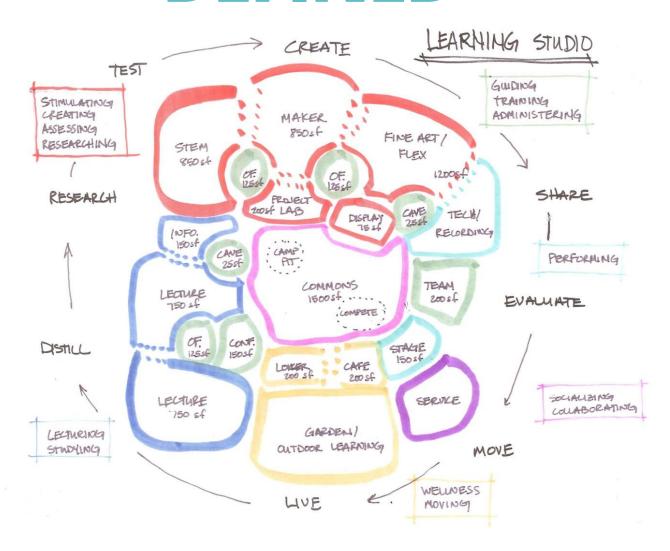
Before HTH tour

sink

After HTH tour

- Organizational Systems for Student Projects
- Display Options for Curated Student Work
- Industrial Tech Machinery and Space
- Lumber Yard
- Reconfigurable Stage
- Science Lab with Advanced Equipment
- Pond
- Rooftop Gardens
- Kitchen

LEARNING ENVIRONMENT DEFINED



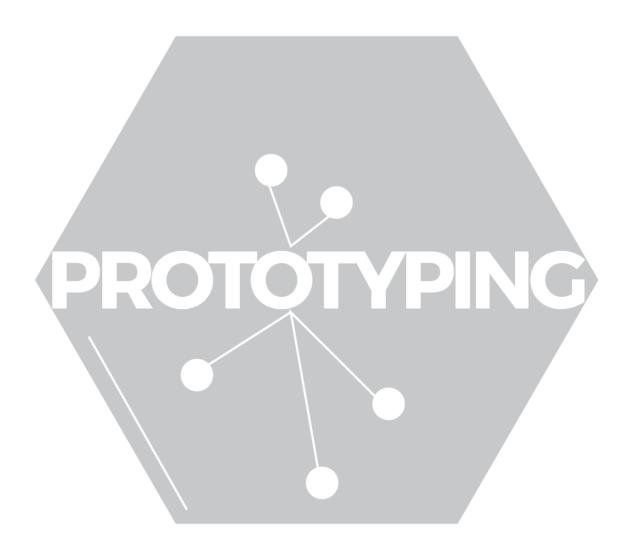


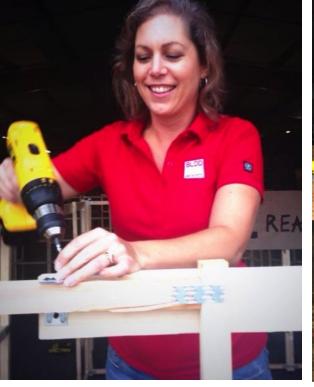


How do you know which plan will work

best for your students and faculty?











think BIG

- 3 Days
- 1 empty warehouse
- Raw materials
- 2 concepts
- Truly engaged students & faculty

















News Video

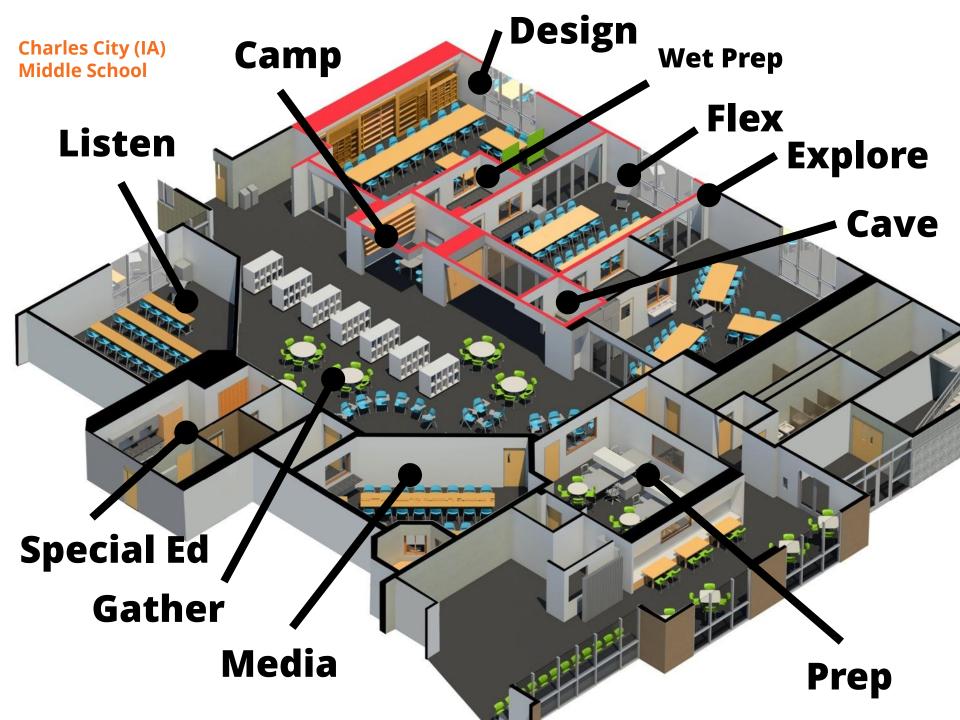
TAKEAWAYS

STUDENT PERSPECTIVE

- Autonomy is a driver of student engagement
- Whiteboards in work areas really help them become work areas

TEACHER PERSPECTIVE

- Breaking kids up and moving them helped them stay focused on their work
- Having a stage or place to share, present, play, perform, film will create presentation and personal skills that will set the kids apart in the future



freewill of TEACHERS

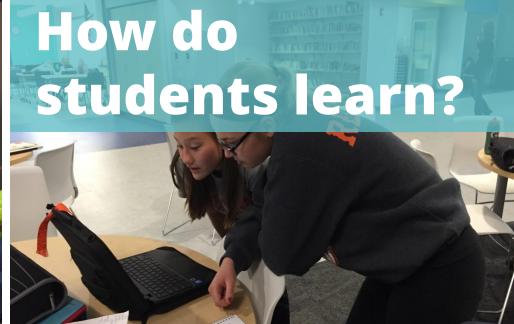
SETTING THE STAGE FOR SUCCESS

- Professional development
- Trips to visit exemplar schools









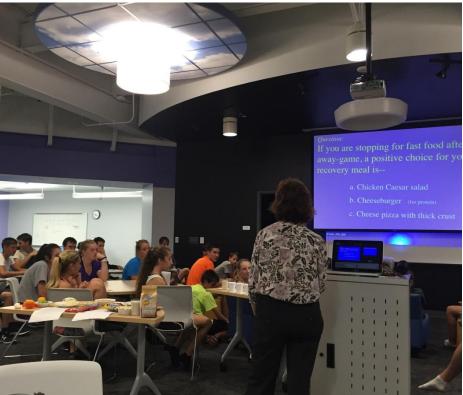




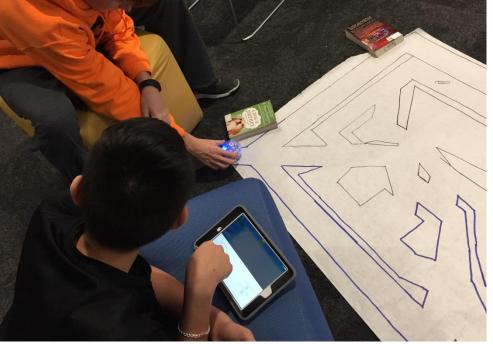


How the building works for us





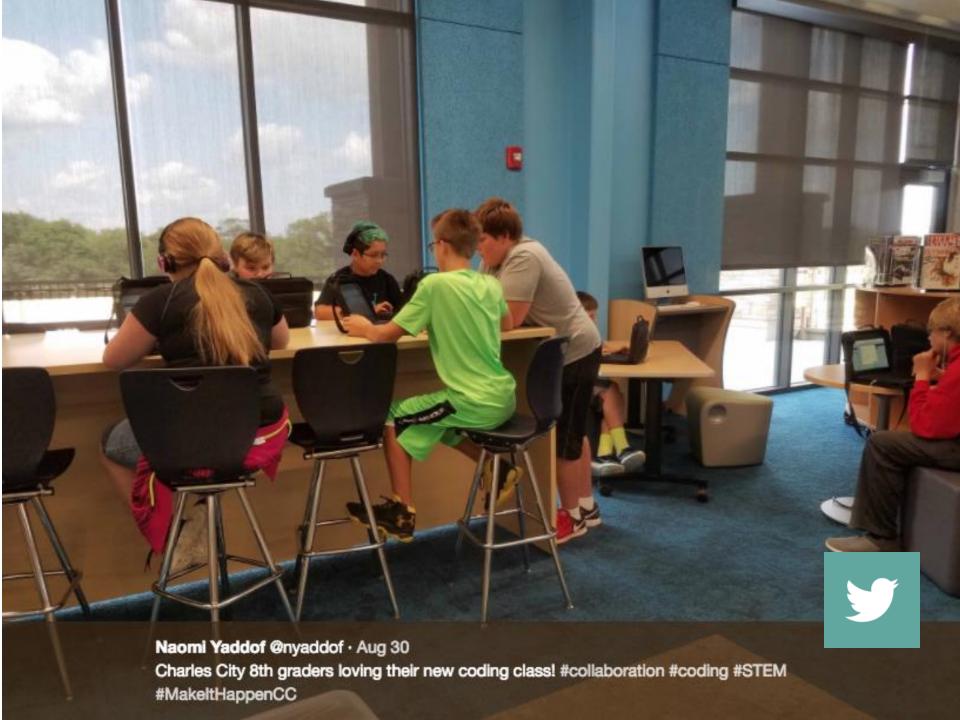






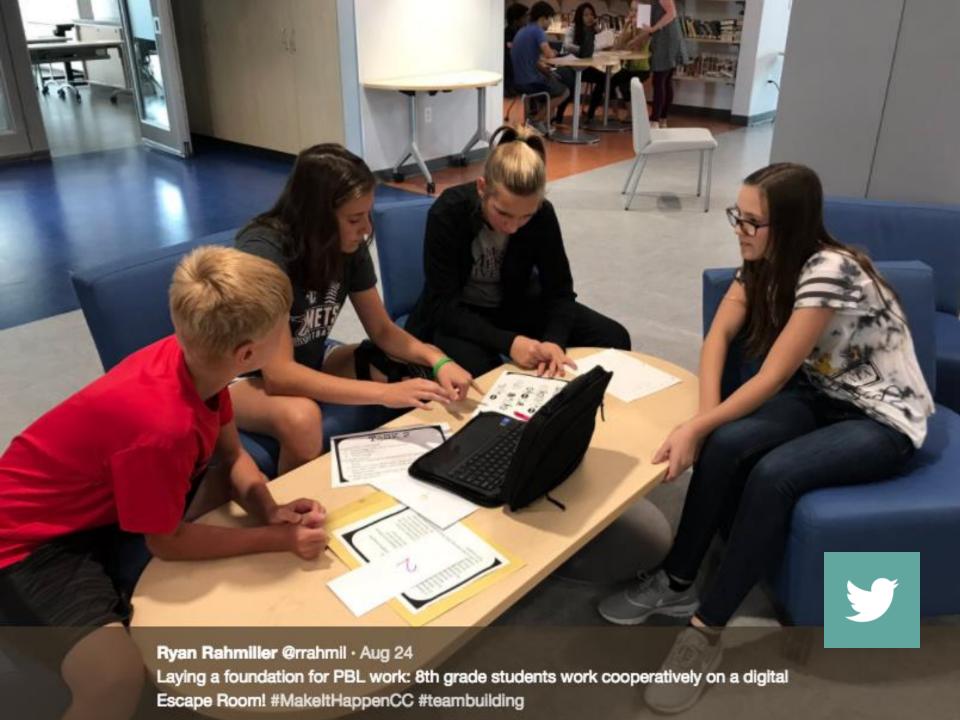
Project Based Learning



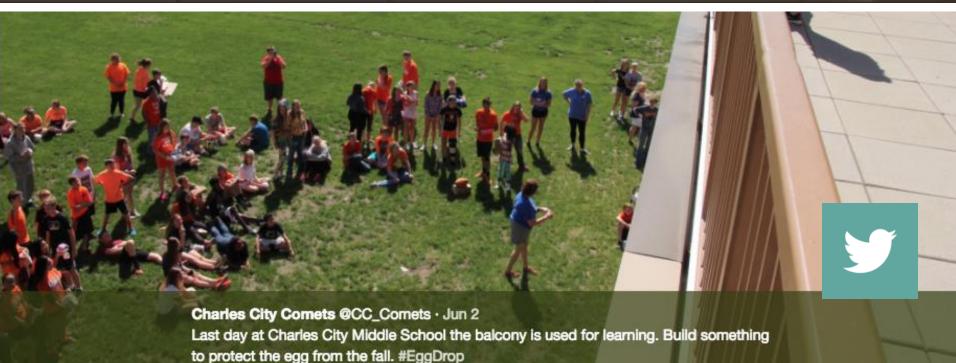




Laying a foundation for PBL work: 8th grade students work cooperatively on a digital Escape Room! #MakeltHappenCC #teambuilding





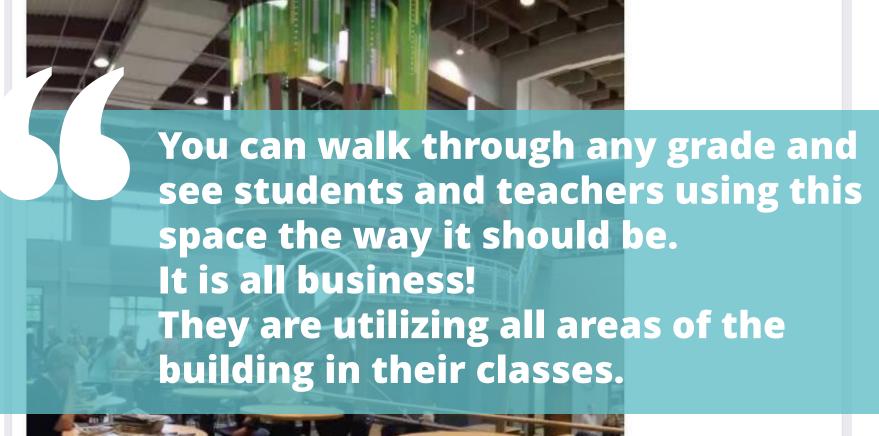




Nancy Simerson shared your video.

17 hrs - 10

I was really impressed while subbing in this building! The acoustics are wonderful! You can walk through any grade and see students and teachers using this space the way it should be. It is all business! They are utilizing all areas of the building in their classes. We were testing airplanes they built out on the balcony! Perfect place to lay out the tape to measure distances. Later they went to the gym to test another flight theory. I say bravo to these teachers and kids!





Student Video

DEEPER DIVES

- Educators
- Administrators
- Architects

WHOLE GROUP Q & A

a magnetic VISION

a new APPROACH

the freewill of **TEACHERS**





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