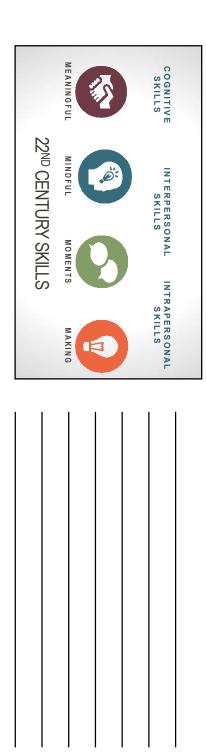


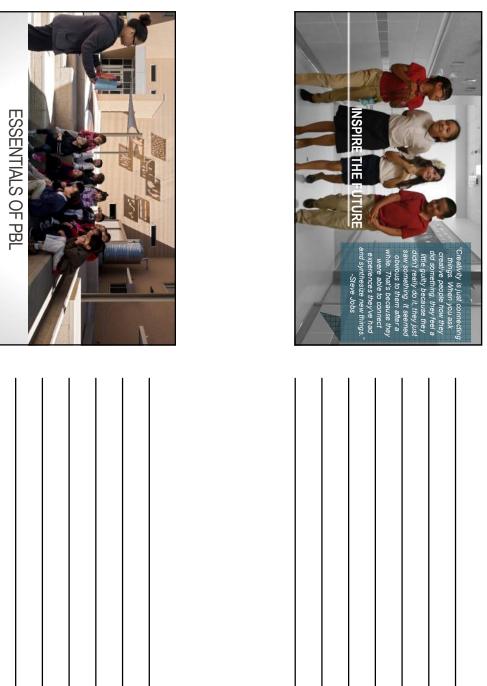


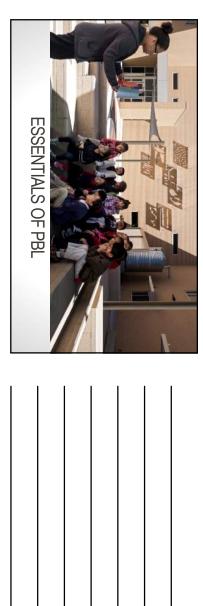


WHY STEM EDUCATION FOR OUR CHILDERN? CREATIVITY ADDICITION TO LEARNING PROBLEM SOLVING WHY STEM EDUCATION? TRANSFORM EVERY FIELD WITH ARITIFICAL INTELLIGENCE SHAPING THE FUTURE THROUGH INNOVATION GLOBAL LEADERSHIP COMPETITIVE POSITION RESULTS ON GOOGLE IN 0.5 SECONDS 12,400,000 KINDERGARTEN-AGE CHILDERS COULD BE TAKING A GRADUATION TRIP TO MARS BY 2024

Environments that foster collaborative, project-based learning create students that "Prove It!" and don't just answer it.









Solving authentic problems with real-life solutions 1. REAL WORLD CONNECTION



CORE LEARNING
 Projects are not supplementary; students learn content through the projects





STRUCTURED COLLABORATION
 Students learn to work as teams, as they would in a professional office or workplace.



4. STUDENT DRIVEN
Teachers act as coaches and face
Students have autonomy over the

5. EFFECTS OF PBL Improved problem-solving & collaboration skills their work on high-stakes tests More engaged, self-directed learners Transfer the knowledge they we learned into real world situations							
ed into real	ation skills ir studentls reass						



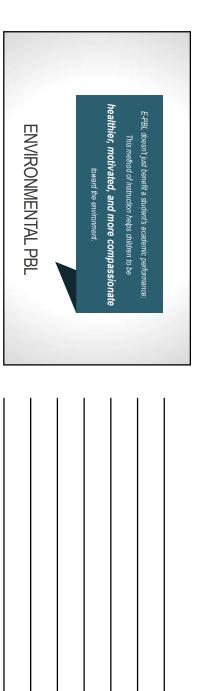
- Use their problem-solving skills for realworld questions with significance beyond the classroom
- Plan and execute projects that directly affect their immediate environment

PBL OPPORTUNITIES



- Have authentic experiences that prepare them for future science careers
- Develop awareness of ecosystems and the need to protect them

PBL OPPORTUNITIES





A butterfly garden teaches about crosspollination and native plants.



experiment with erosion and creation of river

REAL WORLD EXPERIENCES



Composting & gardening teach about conservation, erwironmental stewardship, food chains, and life cycles.



Students learn business, math and science skills as they harvest and sell vegetables and eggs from the green house and chicken house.

LIFE SKILLS



Layout revolved around an outdoor learning area

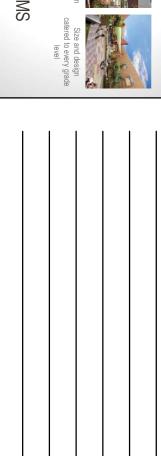


Interactive learning and natural light for surrounding program

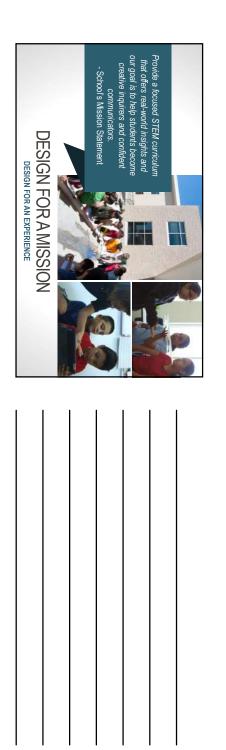


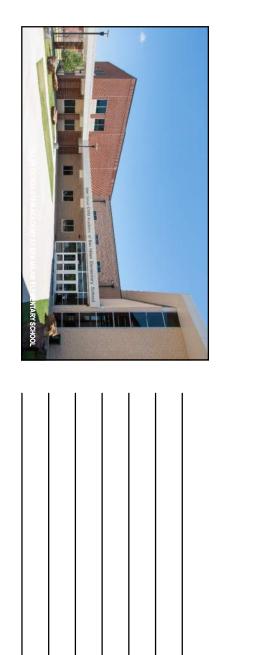
Learning concepts in geography and

OUTDOOR CLASSROOMS





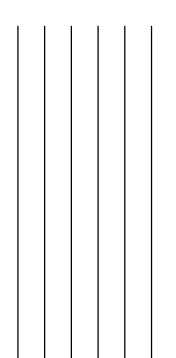




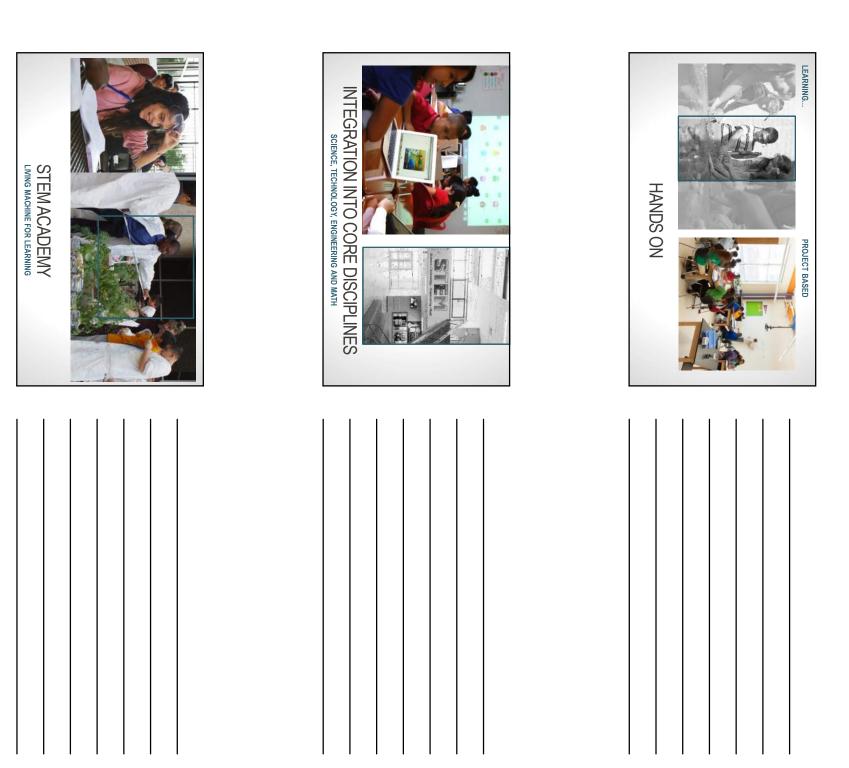


















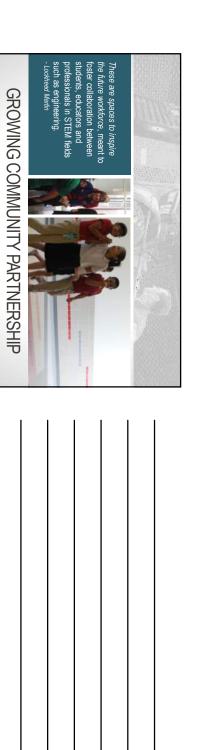




A dedicated facility for understanding and observing the natural world at multiple scales instills passion for the environment in tomorrow's leaders.

OUTDOOR LEARNING LAB

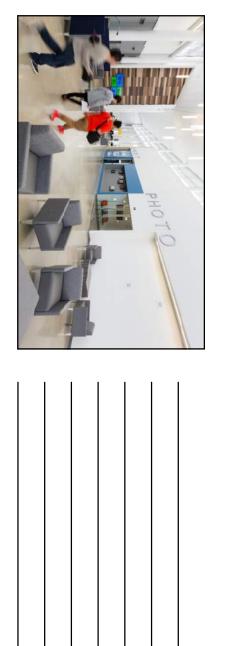


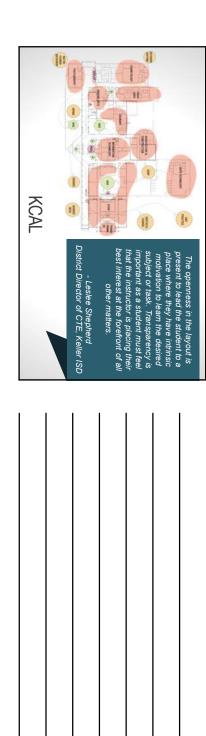


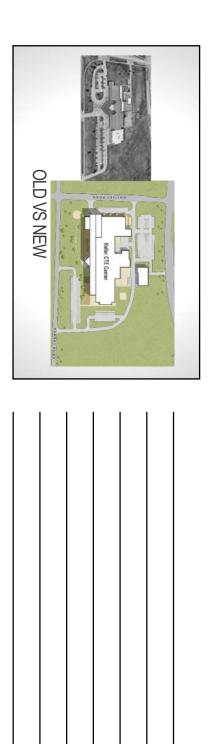


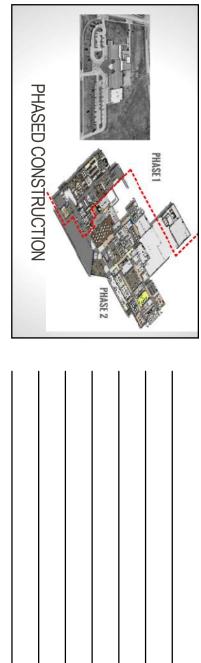


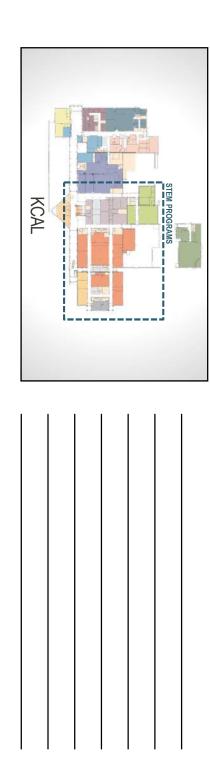


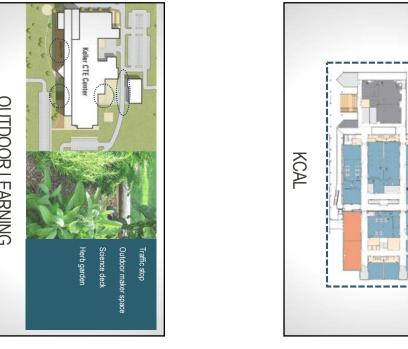


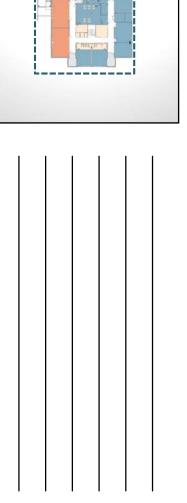




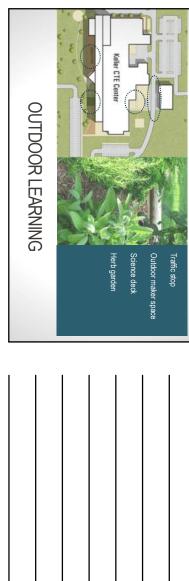


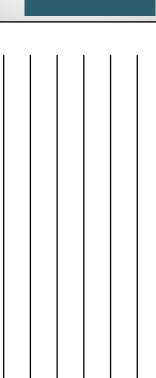






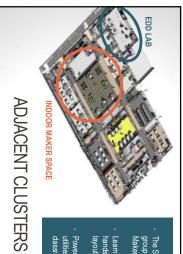
STEM PROGRAMS







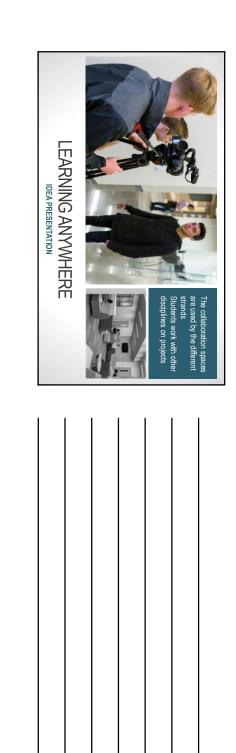
LAB AND COLLABORATIVE SPACES



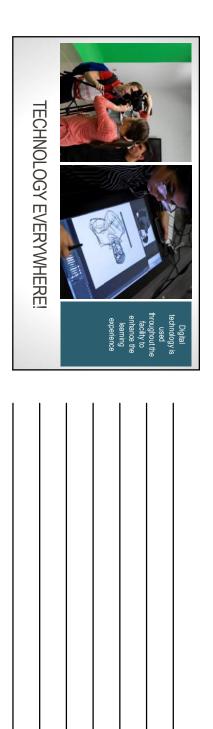


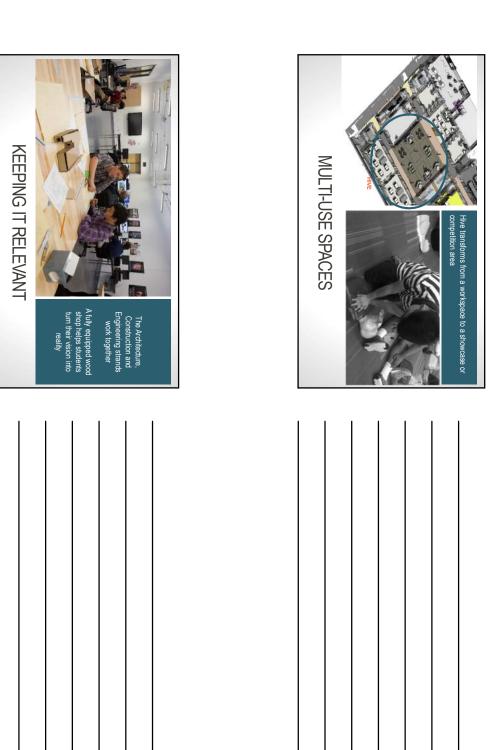
ONE SPACE TO BUILD IT ALL

The EDD lab is designed for students to work on different types of projects

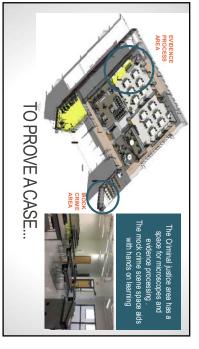






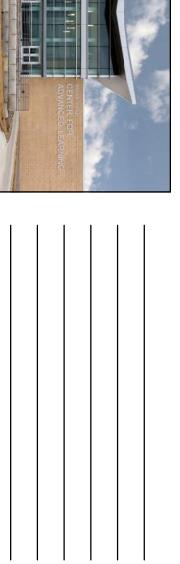


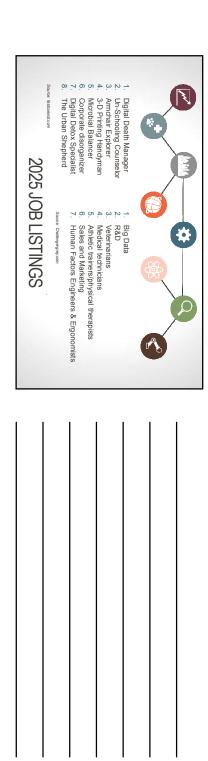


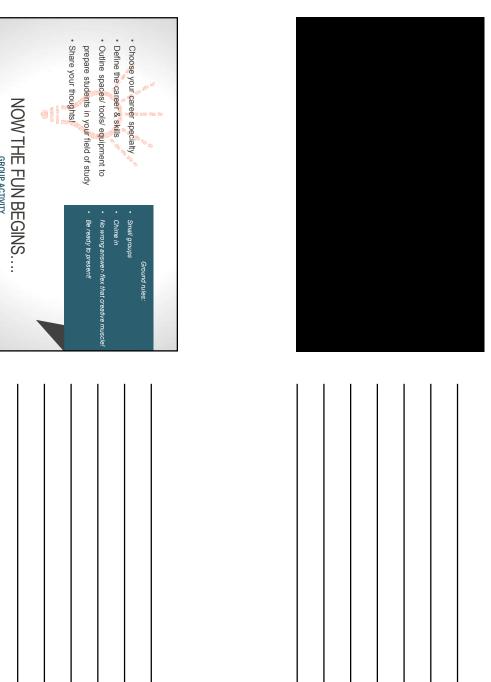


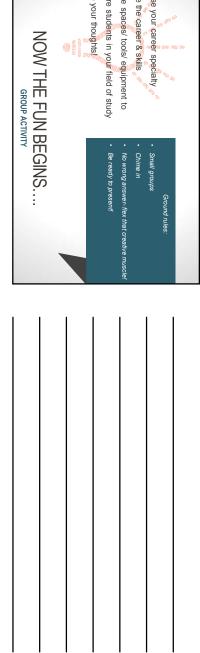












Organ designer Water harvester 2100 JOB LISTINGS	programming, etc. Domestic Robot Programmer	Human-related Spacecraft Maintenance Nature Conservations: Tablic Navior for memory augmentation genetic	Brain Augmenter Weather Controller Spaceport Traffic Control	Food Engineer Bioengineer	Popular Careers in 2100:

