

The Need to be Forward-Thinking:

Common Jobs in 2007:

- 1. Nurses
- 2. Teachers
- 3. Operations Managers
- 4. Accountants and Auditors
- 5. Software Engineers

http://www.cnn.com

Common Jobs in 2021:

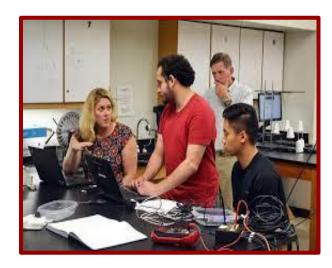
- 1. Java Developer
- 2. Data Scientist
- 3. Product Manager
- 4. DevOps engineer
- 5. Information Security Engineer

https://forbes.com

21st Century Skills

Common Themes in Studies:

- Collaboration and Teamwork
- Creativity and Imagination
- Critical Thinking
- Problem Solving
- Technology-based Work



The Case for Experience-Based Learning

"Learning is experience. Everything else is just information."

- Albert Einstein

"I hear and I forget. I see and I remember. I do and I understand."-Confucius "We do not learn from experience...we learn from reflecting on experience." -John Dewey

"Nothing ever becomes real till it is experienced." -John Keats "Tell me and I forget.
Teach me and I remember.
Involve me and I learn."
-Benjamin Franklin

Summer of 2021:

- Trauma Skilled Schools Leadership Team
 - Building a school culture of connection and belonging
- Harvard University and NCRERN
 - Career exposure programming for students in the 9th grade cohort
- OTF STEM 2021 Training
 - BKW was one of six teams in the nation selected to participate
 - Training includes how to teach students using problem and phenomena based education focused on engagement and 21st century skills
 - Ongoing virtual training that culminated in a week-long program in Nashville.
 - 12-16 hour days of immersive experiences and curriculum development
 - Stresses the importance of meaning making with each lesson /experience presented

Photos from OTF STEM





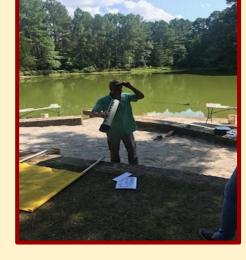














- Virtual professional development programs to develop digital portfolios
 - Offered through Google Meet (recorded for teachers to access throughout the year)
 - o 2 programs, offered in July and August- providing introductory and advanced training.
 - Additional documents, videos, and training available on a PD Google Site
- The addition of Grade Level Leaders in grades 7 and 8
 - Will help to emphasize multidisciplinary work through the lens of large thematic concepts
 - Streamlining the MTSS and RTI process to best support all students
 - Strengthen communication with families of students as they progress through middle school
 - Connect experiential learning across buildings
- Developing protocols and pathways for internships
 - Expanding the internship network with "local" businesses and organizations
 - Working through the process to ensure student growth.
 - Digitizing the process to allow for increased feedback for students and staff.

- Aligning common learning outcomes in standards for grades 5-12.
 - Developing cross-curricular activities and experience-based learning programs.
- Creating career opportunities for students in grades 5-12
 - Creating partnerships with a diverse set of individuals to expose students to career opportunities and educational pathways.
- Planning immersive learning experiences for students
 - Civil War Speaker--September
 - The Maple Experience--October

My Career Journey

- Randomly selected students in the 9th grade cohort.
- Students will work with their personal strengths to create career inventories.
- Students will meet with individuals in unique career fields either virtually, or in person, each month and reflect upon their conversations with these individuals.

Sources:

Slide 2:

http://www.cnn.com/2007/US/Careers/01/31/cb.top.jobs/index.html

 $\frac{https://www.forbes.com/sites/markcperna/2021/01/28/2021s-hottest-careers-glass door-releases-the-years-50-best-jobs/?sh=4db3c683cd6$

Slide 3:

https://www.envisionexperience.com/blog/13-essential-21st-century-skills-for-todays-students

Photo: https://www.flickr.com/photos/codnewsroom/37470646986