NJCU EDTC 804 Global Issues in ET Leadership
Fall 2017 Dr. Shamburg

Assignment Week 4:
Environmental Scan: Mapping Educational Issues

Emily Vandalovsky

1. Why, and how, to teach computer hacking
   https://www.theguardian.com/education/2015/jan/06/computer-hacking-security-teaching-schools
   New computer science curriculum introduced in UK, includes lessons and games on Cybersecurity to challenge growing teenage interest in hacking. It uses students interests in the field, while prepares UK cybersecurity workforce of tomorrow. Final competition took place at University of Warwick, Coventry, UK
   #hacking-in-education

2. In Israel, teaching kids cyber skills is a national mission
   http://www.dailynews.com/2017/02/04/in-israel-teaching-kids-cyber-skills-is-a-national-mission/
   Cybersecurity training programs — something of a boot camp for cyber defense — are part of Israel's quest to become a world leader in cybersecurity and cyber technology by placing its hopes in the country's youth. The Israeli government announced the establishment of a national center for cyber education, meant to increase the talent pool for military intelligence units and prepare children for eventual careers in defense agencies, the high-tech industry and academia. The center will oversee the curriculum programs on all educational levels.
   BEIT SHEMESH, Israel
   #hacking-in-education

3. Revealed: The Chinese forums offering hacking courses for just US$100
   http://www.scmp.com/tech/innovation/article/1840925/chinese-forums-offer-hacking-courses-around-us100-cyber-attacks
   Amid increasing cyber attacks on both political and commercial targets by groups linked to China, the barriers to entering this potentially lucrative black market industry are close to non-existent as hackers share tips and best practices online. Research faculty at Shanghai 's Jiaotong University were accused of hacking American companies.
   Shanghai Jiaotong University, China
   #hacking-in-education

4. This coding school is teaching Syrian refugees to hack integration

he School of Digital Integration is one of five computer programming centers in Germany and the Netherlands that teach refugees how to code. Its approach is two-fold: Students gain skills and contacts that can help them get jobs and internships at the end of their training, including hackathons.

Berlin, Germany
#hacking-in-education