Cybersecurity Resources

PaTTAN Cybersecurity - This toolkit provides curated resources and opportunities to support teaching and learning in cybersecurity, including:

- Why teach Cybersecuity
- K–12 classroom resources and curriculum materials
- Professional development opportunities for educators
- Capture the Flag (CTF) challenges
- Cybersecurity career exploration resources

https://wakelet.com/wake/jedBK5zijNuCpt-F3tfXo (**K-12. Cyber Awareness/Digital Literacy Resources)**

Netsmartz (**K-12. Internet Safety, Classroom resources**)
Description: NetSmartz is NCMEC's online safety education program. It provides age-appropriate videos and activities to help teach children to be safer online with the goal of helping children to become more aware of potential online risks and empowering them to help prevent victimization by making safer choices on- and offline.

Minecraft Education Cyber and Digital Defense **(K-12, Cybersecurity, Curriculum Resources)**
Description: Empower your students to be safe online with lessons in cybersecurity, online safety, and digital citizenship aligned to Cyber.org and CSTA standards. Explore a full curriculum progression that includes career pathways. Integrating cyber safety is easy, no matter what you teach!

Interactive cybersecurity career map (**K-12. Cybersecruity career awareness)**
Description: Explore thousands of federal cybersecurity job openings across the country and outside of the United States by clicking on the map below or using the drop-down menu. Select an area to find open cybersecurity positions in your preferred city, state, country, and salary range.

Common Sense Media (**K-12, Internet Safety, Digital Citizenship, Curriculum Resources**)
Description: Common Sense is the nation's leading nonprofit organization dedicated to improving the lives of all kids and families by providing the trustworthy information, education, and independent voice they need to thrive in the 21st century.

CYBER.ORG (K-12, ,Cybersecurity ,Curriculum Resources)

Description: is a cybersecurity workforce development organization that targets K-12 students with cyber career awareness, curricular resources and teacher professional development.

US Cyber Patriot
Description: CyberPatriot - The National Youth Cyber Education Program is STEM program of the Air & Space Forces Association. It was created to inspire K-12 students toward careers in cybersecurity or other science, technology, engineering, and mathematics (STEM) disciplines critical to our nation's future.

Internet Safety 101 **(K-12, Cybersecurity, Educate)**
Description: Is a digitally-based internet safety resource designed to educate, equip and empower parents, educators and other adults with the knowledge and resources needed to protect children from Internet dangers including pornography, predators, cyberbullies and threats related to online gaming, social networking and mobile devices.

Be Internet Awesome **(K-6, Curriculum Resources)**
Description: The Net Safety Collaborative, and the Internet Keep Safe Coalition. This resource is part of the Be Internet Awesome program designed to help teach kids the skills they need to be safe and smart online.

FBI Safe Online Surfing **(K-8, Online Safety and Digital Citizenship, Curriculum Resources)**
Description: The goal of FBI-SOS is to promote cyber citizenship and help students learn about online safety while engaging in fun, interactive games. The program was designed to address current Internet safety threats while keeping each grade level's online usage and knowledge in mind. We hope that you find the program beneficial and that your students use the information to make themselves safer digital citizens.

UTSA Cyber Games **(K-12, Curriculum Resources, Games**)
Check out the UTSA (University of Texas at San Antonio) games sponsored by Booz Allen. Each game has a target grade range. However, each game can be a good introductory resource to introduce cybersecurity concepts to all ages!

Field of CS: Cybersecurity **(K-12, Curriculum Resources, Games)**
Explore Computer Science Fields Dive into different realms of computer science tailored for educators and school leaders. Find valuable information about Cybersecurity

Cyber Chats Podcast (**K-12**. **Curriculum Resource)**
Through a virtual classroom platform, the National Cryptologic Foundation (NCF) chats (#CyberChats) are designed to promote cyber education and prepare youth for opportunities in cyber-related fields. With topics and themes related to the Cybersecurity Curriculum Guidelines' “8 Big Ideas”, #CyberChats will launch soon in a Podcast format. Learn more about the #CyberChats Podcast!