

HELP SUPPORT THE CIAS K-12 CYBERSECURITY PROGRAM!



Support STEM/TECH K-12 Teachers and Students

The CIAS K-12 Cybersecurity Program, with In-Kind Presenting Sponsor The MITRE Corporation, works with individuals and organizations that are interested in supporting STEM/Tech programs for grades K-12. Financial gifts allow for the sustainment of the program and distribution of program materials. Our goal is to provide every requesting teacher a free classroom set.



Supporters of the Program can also provide for the development and updating of our digital games. Organizations can find branding/advertising opportunities within the digital versions of the games to show their support for the program. Additionally, organizations with existing STEM programs can add specific items within the Program to enhance their student's engagement.

Creating a culture of cybersecurity together.



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CultureofCybersecurity.com

CIAS K-12 CYBERSECURITY PROGRAM



K-12 RESOURCES



Aided by the **CyBear Family**, the Culture of Cybersecurity website, CultureofCybersecurity.com, provides families and educators with a variety of activities, games and tools needed to build a cyber-secure future.



Cyber Threat Defender (CTD) is a collectible card game for grades 6-12+ that teaches essential cybersecurity terminology, concepts and strategies. Focused on defense, players build a secure network and defend against a wide range of cyber threats. Also available electronically.



Cyber Threat Protector (CTP) builds upon the lessons of CTG. Targeting grades 3-5, CTP strengthens cybersecurity concepts and strategies to defend against cyber threats and building a safe network.



Cyber Threat Guardian (CTG) is a fun and engaging card game for students in grades K-2. Players learn about cyber safety, defending themselves from cyber attacks and begin to build their technical/cyber vocabulary.



Project Cipher, for grades 3+, is a free, electronic game that introduces cryptography concepts for encoding and decoding messages.

ABOUT THE CIAS K-12 CYBER PROGRAM

The CIAS® K-12 Cybersecurity Program, with In-Kind Presenting Sponsor The MITRE Corporation, provides an innovative approach to improving and expanding student interest in STEM education, specifically cybersecurity.

This initiative exposes K-12 students to cybersecurity education and possible career paths in this discipline. Specifically, it increases access to innovative games, classroom activities, stories and tools needed to promote a culture of cybersecurity and create a pipeline for a future cybersecurity workforce.

GAMES

Since 2016, the Cyber Threat Defender (CTD)

series of games have reached audiences in 17 countries and in classrooms nationwide. Additionally, 6,500+ downloads of CTD demonstrates interest in it for homes and classrooms.

STUDENTS

Focused on students in K-2, 3-5, middle school and high school, the CIAS K-12 Cybersecurity Program can complement and enhance STEM initiatives in any classroom.



K-12 GOALS & OBJECTIVES



Increase access for under-represented students to innovative cybersecurity games and curriculum.



Build awareness of cyber security principles and the range of security issues.



Engage students with the cyber security challenges they will face in protecting systems and networks.



Develop a culture of cybersecurity for all ages at home, school and work.



Build capacity of schools to offer high-impact and innovative STEM courses focused on cybersecurity.



Improve knowledge of cybersecurity terms, methods, technologies, threats and defenses.

