

Supplemental Resources from the NSA

TOPIC: ONLINE SAFETY AND SECURITY, CAREER AWARENESS

GRADES: K-2, 3-5

Introduction:

- The NSA and National Cryptologic Museum produced an activity book for kids entitled *America's CryptoKids: Future Codemakers and Codebreakers*. This book contains coloring pages that teach kids about potential cybersecurity careers such as "Crypto Cat, the Information Assurance Analyst." There are also activities that include a hidden picture scramble, a cryptogram challenge, word searches, etc.
 - Source Credit: National Cryptologic Museum/National Security Agency
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Learning Outcomes:

- Students will gain an awareness of potential careers within cybersecurity through the completion of activities.
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Materials:

- The activity book (Pages have been scanned-original book in complete form available from the National Cryptologic Museum)
 - [Front page \(Coloring Sheet\)](#)
 - [CryptoCat Coloring Sheet](#) and the [Hidden Picture Scramble](#)
 - [Decipher Dog Coloring Sheet](#) and the [Cryptogram Challenge](#)
 - [Sergeant Sam Coloring Sheet](#) and the [Morse Code Mission](#)
 - [Slate's Coloring Sheet](#), the [NumberGram](#), and the [Sudoku Challenge](#)
 - [Cy's Coloring Sheet](#) and [Word Scramble](#)
 - [Cyndi's Coloring Sheet](#) and [Bug Hunt](#)
 - [Rosie's Coloring Sheet](#) and [Maze Quest](#)
 - [Joules' Coloring Sheet](#) and the [Hidden Message Puzzle](#)
 - [TTop's Coloring Sheet](#) and the [Crypto Word Hunt](#)
 - [Develop your own secret message](#)
 - Teacher answer sheets:
 - [Answer Sheet 1](#) and [Answer Sheet 2](#)
 - Certain materials available online at: <https://www.nsa.gov/resources/everyone/digital-media-center/publications/cryptokids/>
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Activities:

1. The activities linked above can be used with teacher discretion. The activities should be used to supplement existing activities on career awareness. Other items such as the cryptogram can be used in math class in order to introduce the cipher disk. Activities could also be assigned to interested students as enrichment activities when other class work is completed.

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