

Scenario

Middle school girls become Cyber Super-Investigators (CSI) for a day to solve a cyber-crime.

During this interactive crime solving event, girls learn from women in diverse companies and agencies about what it takes to navigate the professional pipeline in the vast fields of Cybersecurity and Information Assurance, as well as other science, technology, engineering, and mathematics (STEM) fields.

The middle school girls complete hands-on activities with guidance from cybersecurity and STEM professionals in order to gather clues to help solve the crime. This year's cybercrime scenario focuses on industrial espionage.

The FBI estimates that every year billions of U.S. dollars are lost to foreign and domestic competitors who deliberately target economic intelligence in flourishing U.S. industries and technologies. In the case of our scenario, the 2013 Cool Careers Cyber Crime: *Perfection Hair Styler Vs Flirty Hair Tools*, Steve Davey pled guilty to federal charges that he stole and disclosed trade secrets concerning a new hair straightener and styling tool developed by *Perfection Hair Styler*. Davis was employed by *Left Industries*, a subcontractor of *Perfection Hair Styler* that had been hired to assist in the development of the new hair styling system.

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Davey had made disclosures of technical drawings to new hair straighter and styler tool overseas competitors *Flirty Hair Tools, Inc.*, *HAI Elite!* and *ION, LLC*. The disclosures were passed along electronically, sometimes as files hidden within pictures. Davey was arrested and indicted on counts of wire fraud and theft of trade secrets. Davey was sentenced to two years and three months in federal prison.

The all girls' middle school Cyber Super-Investigators (CSI) has been hired to investigate in greater detail how the trade secrets were stolen and make recommendations to *Perfection Hair Styler* to ensure this does not happen again. The girls will collect and explore a variety of digital and physical evidence to learn more about stolen trade secret instance. Clues provided by the lead investigators, the cyber professionals speaking at the Cool Careers in Cybersecurity for Girls Workshop, will help the middle school girls solve the crime!