



Secret Agent

Grades 2 - 5

Can you outwit the Mad Science Spy? James Bond's gadgets weren't all science fiction. Discover the science behind some real spy technology as you listen to distant voices and sounds. Learn about different secret codes, their use in clandestine communications and a little of the history behind them. Experiment passing your messages using a spy technique called a "dead drop".

Spy Technology

James Bond's gadgets weren't all science fiction. Discover the science behind some real spy technology. Learn about laser tripwires, motion alarms and build your own spy alarm to protect your secret stuff. Use spy technology to listen to distant voices and sounds. Take home your own *Spy Glasses*.

Codes and Dead Drops

Learn the secrets of clandestine communications. Learn many different secret codes and a little of the history behind them. Discover how to hide your writing with special secret invisible inks. Learn how to make your secret message stand out using the right colors and a pair of 3D glasses. Experiment passing your messages using a spy technique called a "dead drop". Take home your own *Secret Code Breaker* kit.

Crime Scene

Learn about fingerprints and solve a mystery using the prints left at the crime scene. Next, try to solve the bank mystery and get a bit of treasure to take home. The treasure is just the beginning of a mystery.

Science of Security

Learn all about the science of security as you build and attempt to defeat several security systems. Make your own tripwire alarm to take home. Test your skills against a series of locks. Crack the science of the safe and make your own *Secret Safe* to take home.

Trajectories (only in 5 day camps)

Use a laser game to bounce a beam of light onto a target and then use a laser beam to see the effect of sound waves. Understand how lasers can be used to differentiate types of sounds. Construct an obstacle course with the laser tripwires. Learn about splatter science using water balloons. Take-home your own *Undercover Observer*.

Revised 1/2/2018