

# EGGHEAD SECRET AGENTS

SCIENCE HAS NEVER BEEN THIS COOL

## **ABSORB AWAY:**

One of the most exciting things about being a secret agent is sending secret messages! In this lesson students will learn how inks are absorbed using chromatography.

## **CAMOUFLAGE:**

How can a secret agent hide in plain sight? Camouflage! Students will learn how filtering colors can camouflage something and then make their own slime filters.

## **CHEMICAL CONCOCTIONS:**

Your mission? Hidden chemicals! In this lesson students learn how acids and bases can react to create chemical mixtures that seem to disappear!

## **FLIGHT MISSION:**

Are you ready to take flight? Students learn all about flight in this lesson and even make their own anemometers!

## **LAUNCH SEQUENCE:**

Keep it moving! In this lesson students will learn all about motion and force, then use that knowledge to make their own launchers.

## **LIGHT IT UP:**

Your mission? Make a tool that can let you see in the dark! In this lesson students will learn all about electricity in order to make their own working flashlights.

## **MIRROR MAGIC:**

Who knew mirrors could be magic? Students will find out just how tricky mirrors can be in this lesson that's all about bending light!

## **SECRET INKS:**

Our mission? Solve all the secret messages before we run out of time! In this lesson students will learn how to use five different kinds of secret inks before making their own secret messages.

## **SUBMARINES:**

How do secret agents travel under water? Submarines! In this lesson students will learn all about buoyancy and surface tension then make their own Cartesian divers.

## **VANISHED!**

Professor Egghead found a floating glove in his office! Your mission is to figure out how it happened. Students will use chemical reactions to create their own floating hands.

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