

# A COLD CASE...

## ...The Mysterious Murder of the Abominable Snowman



HI! MILES FROM THE GEOSQUAD HERE, AND YOU'VE ARRIVED JUST IN TIME -- THERE'S CHAOS IN THE VILLAGE! A SMASHED-UP SPACESHIP IS BLOCKING THE ROAD; A HOUSE HAS BEEN SET ABLAZE, AND THERE'S A LESS-THAN-ALIVE YETI LYING ON THE BANK OF THE RIVER! THE COPS THINK THEY KNOW WHO THE CULPRIT IS... BUT ALL IS NOT AS IT SEEMS! CAN YOU HELP SOLVE THE MYSTERIOUS MURDER OF THE ABOMINABLE SNOWMAN?



### TASK 1:

#### REVIEW THE CASE

(LITERACY LINKS - RETRIEVE, RECORD AND PRESENT INFORMATION)

If you've already had a good look at the CSI Exploration Poster, you'll know who the cops think was responsible for the yeti's dreadful demise (check out the answer to question 6 if you need a reminder!). The sneaky squirrel seems to have blood on his paws, toilet paper on his tail, and a super sugary mince pie for his troubles. Seems like an open-and-shut case, right? But while the CSI team were busy collecting evidence from the scene, someone made an anonymous phone call to the village police station. Here's what they said:

"I SAW THEM ALL DOWN BY THE LAKE. THEY WERE ALL THERE, AND THEY WERE PLANNING SOMETHING. I KNOW THAT SOUNDS MAD, BUT BELIEVE ME, THEY WERE ALL IN A HUDDLE -- AND THEY WERE **TALKING**. YES, YES, I KNOW THEY CAN'T TALK, BUT THEY WERE DEFINITELY COMMUNICATING. THERE WERE FOUR BIG ONES, LONG CURLY WHITE HAIR AND BLACK LEGS. THREE SMALL ONES WERE THERE TOO -- TWO OF THEM MIGHT HAVE BEEN WEARING GREEN HATS. I SAW THEM ALL THERE ONE MINUTE, STANDING IN HUDDLE, THEN I GOT DISTRACTED BY MY HUSBAND SPILLING HIS TEA ON MY BEST LACE TABLE CLOTH. WHEN I LOOKED BACK, THEY'D ALL SCATTERED, AND THAT BIG, TERRIBLE CREATURE HAD TORN THROUGH THE FENCE AND FALLEN FACE FIRST ONTO THE RIVER BANK..."

For your first task, can you work out who this caller is talking about? Explore the poster for suspects that match her descriptions, then put together a list of suspicious characters...

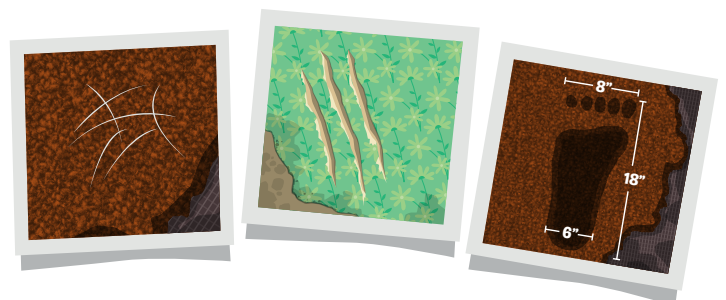
### TASK 2:

#### A HOT TIP

(MATHS LINKS - DRAW 2D SHAPES USING GIVEN DIMENSIONS / ART LINKS - IMPROVE MASTERY OF ART TECHNIQUES, INCLUDING DRAWING)

The CSI team is responsible for helping the police to investigate crimes by collecting evidence. They work quickly to make sure that no delicate evidence (e.g. hairs, clothing fibres, footprints) is disturbed or lost before it can be collected. Crime Scene Investigators use a mix of high and low-tech methods to record as much information about a crime scene as possible. They might use LiDAR scanners to create a 3D computer model of the area, or ground penetrating radars to search belowground. At the same time, they might use cameras and tape measures to collect and measure key pieces of evidence, like hand and foot-prints.

After the CSI team had finished at the river bank (and once the fire fighters had put out the flames and made the building safe), they decided to investigate the remains of the burning house. They used LiDAR scanners to map the hallway, and cameras to take close-up pictures of some very interesting findings...



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The first two pieces of evidence could belong to the pet dog – although those claw marks look pretty big for a domestic pup! But it's the footprint that the CSI team is really interested in. They found a series of them leading right through the house.

For this task, use the photo and the dimensions to draw two recreation sketches of the footprints. Compare their size to your own feet and the feet of a few family members. What do you notice? The CSI team also measured the space between the footprints, so they know how far one step or stride measures. It was **80 inches**. Space your sketches 80 inches apart and see if you or anyone in your family can step from one to the other. Could you do it?

Was it way too far? What does this tell you about whoever left these footprints through the house?

## TASK 4:

### SOCIAL MEDIA SHOCKER

(LITERACY LINKS - RETRIEVE, RECORD AND PRESENT INFORMATION)

The more you investigate this mysterious crime scene, the stranger the details become. You've had a good look at the evidence collected by the CSI team, and in the middle of interviewing the locals, two shady agents dressed all in black show up. Secret Agents Sculder and Mully ignore the alien in the crashed ship (which turns out to be Kev, a

## TASK 3:

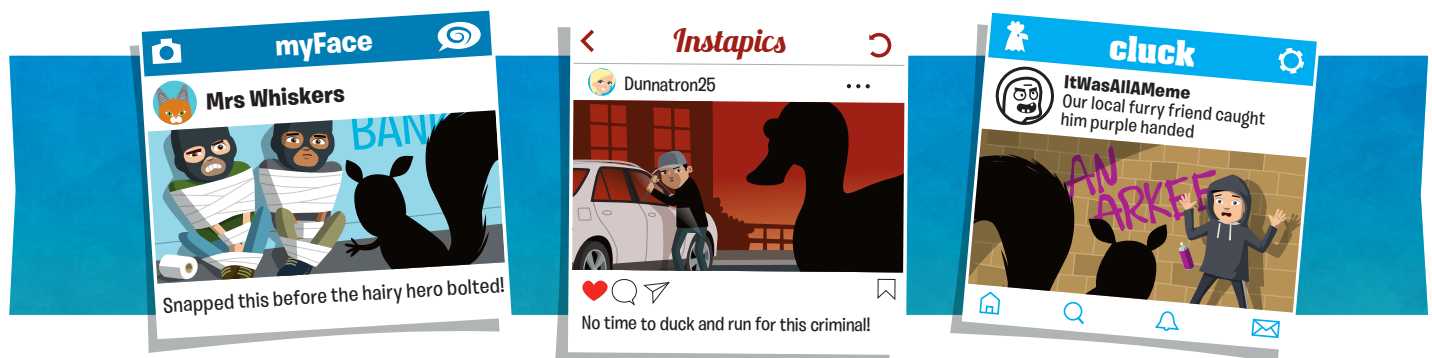
### COLLECT THE EVIDENCE

(LITERACY LINKS - RETRIEVE, RECORD AND PRESENT INFORMATION)

The CSI team has found six key pieces of evidence at the scene that might help you with your investigation. Each one has been labelled with a numbered yellow marker. The CSIs do this to make cataloguing evidence easier – especially if many pieces of evidence are found.

Find the markers at the scene and compile a list of the key pieces of evidence. Two of the pieces of evidence are the same, and they may hold a clue to the truth behind the chaotic demise of the yeti. Find these linked pieces of evidence, then see if you can spot any more matching pieces elsewhere in the scene...

local cosplay fan on his way home from a sci-fi convention in his mobile replica spaceship), and they race towards the animals that surround the scene. When you ask what they are looking for, they show you some very odd social media posts from the villagers' accounts...



Something seriously strange is going on! For this task, could you link the mysterious, furry and feathered crimefighting vigilantes in these posts to any of the animals at the crime scene?

## TASK 5:

### A CRACKER OF A CASE

(LITERACY LINKS - DRAWING INFERENCES, PREDICTING AND SUMMARISING)

The CSI team have collated all their evidence, the police have completed their interviews, and the shady secret agents have shared their strange findings. Now it's up to you to link the evidence below and crack the case!

1. Large footprints, claw marks and hair put the yeti at the scene of the house fire **before** the blaze. One Christmas cracker containing a precious gift was reported missing from the house.
2. CSI found toilet paper at the scene, matching the brand used by the mysterious vigilante who caught the bank robbers.

3. A series of extremely large footprints were found crossing the river bank, heading away from the house where the fire was and leading to where the yeti was found. This suggests that the yeti was running from the house when he met his demise.

4. A group of unsuspecting animals seem to have become a team of crime-fighting vigilantes, using baked goods as bait, and toilet roll as a weapon.

**...so, what do you think happened to the yeti?**