

## Investigation

### Forensic Science

We're Kalia and Carolyn. Carolyn's sister Lizzy was about to celebrate her birthday when a crime took place. Somebody trashed Lizzy's party set-up! We found traces of fingerprints, hairs and fibers, and even spit (gross!). We wondered how we could analyze the hairs to identify the culprit. Our question: How can we match the hairs from a crime scene to one of our suspects?



For each group of 4 girls, you'll need:

- a laser pen and laser safety goggles
- stiff construction paper or a Manila folder
- white office paper
- scissors
- cellophane or masking tape
- a marking pen
- a meter stick or standard carpenter's tape measure
- a centimeter ruler
- a dimly lit room
- a notebook



Find out more about Carolyn and Kalia's investigation at [pbskidsgo.org/dragonflytv/show/forensics.html](http://pbskidsgo.org/dragonflytv/show/forensics.html)



Check out this investigation on the SciGirls DVD. Select "Forensic Science" from the main menu.