

## Lab Simulation

<http://www.pbs.org/wgbh/nova/education/body/create-dna-fingerprint.html>

Have your students solve a crime on their own! This lab simulation invites students to create a DNA profile for all family members suspected of licking a prized sucker-- A fun way for students to review the concepts from the DNA crime scene lab.

[http://www.biotechnologyonline.gov.au/popups/int\\_dnaprofilng.html](http://www.biotechnologyonline.gov.au/popups/int_dnaprofilng.html)

Another opportunity to practice reading DNA fingerprints!

## Reading: Fingerprint “Flip” leads to ID in 30-year-old cold case.

<http://www.cbsnews.com/news/fingerprint-flip-leads-to-id-in-30-year-old-cold-case/>

Have your students read the article found at the link above. We have provided some questions below to help guide their reading.

1. Why do you think investigators were trying to identify the dead man’s body?
2. What did forensic investigator Keith Dollinger notice about the prints?
3. What mistake had the police made 30 years ago that resulted in them finding no match for the fingerprints?
4. Once they had identified who the dead man was, whom did police notify?
5. How do you think you would feel if you were the family of the dead man?  
(After 30 years of not knowing what happened)
6. Can you think of any way for the police department to prevent this kind of mistake from happening again in the future?