

Today in



we learned all about...

Detective Science



- We learned that detectives use scientific methods to gather clues.
- We learned that no two people have the same fingerprints and that fingerprints can be used to identify criminals.
- We collected our fingerprints and examined them with a magnifying glass.
- We discovered that teeth and dental x-rays can help identify people.
- We did an experiment to separate the colors that make up ink and learned how chromatography can be used to help solve a mystery.
- We learned about using the scientific method to investigate unknown substances found at a crime scene.
- We learned that you need good observation skills to be a witness and did an experiment using different facial features to try to remember what someone looked like.
- We got an I.D. Kit to take home and can use it to collect our fingerprints.



LET'S TRY THIS AT HOME!



Fingerprint Your Family!

You Need: Your family, paper, pencil, and Scotch® tape

- 1 Rub a soft pencil across a section of paper until it is dark.
- 2 Have a member of your family rub their right thumb back and forth over the penciled area.
- 3 Stick a piece of tape across their thumb and peel it off carefully.
- 4 Attach the tape with their thumbprint onto a clean piece of paper.
- 5 Write their name on the paper beside the print.
- 6 Repeat with each member in your family or with your friends!

Explanation: Everyone has distinct fingerprints, even twins! However, your family can have similar whorls and loops because your shared DNA. Compare your thumbprint with the rest of your family's prints. How are they similar? How are they different?



ASK ABOUT OUR OTHER MAD SCIENCE PROGRAMS: Mad Science offers a broad range of Workshops, After-School Programs, Special Events, Assemblies, Vacation and Summer Programs, and of course, Birthday Parties!