


# 91 Collect fingerprints

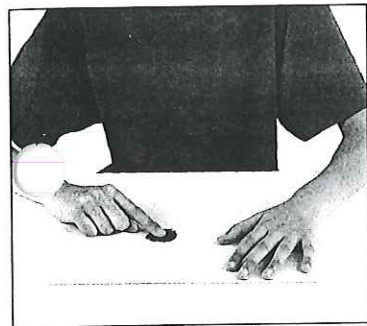
The skin on your fingertips is covered with ridges. These form swirling patterns that are known as fingerprints. With the help of some friends, you can collect different

sets of fingerprints and carry out some detective work to track down a mystery suspect!

 Adult supervision is advised



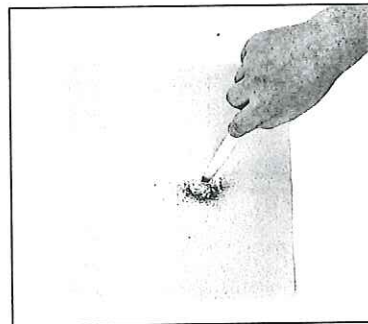
1. Mark out ten boxes on a piece of paper. Cut out ten small squares of double-sided tape and stick a square in each box.



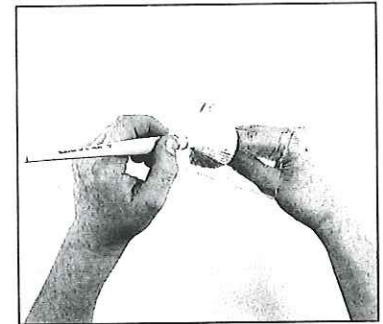
2. On another piece of paper, rub the soft pencil against paper to make a patch of powder. Ask a friend to dab his or her finger on the patch.



4. While you are not looking, ask one of your friends to pick up the glass.



5. Scrape off some pencil lead with the knife. Using the spoon, mix the lead with a teaspoon of talcum powder.

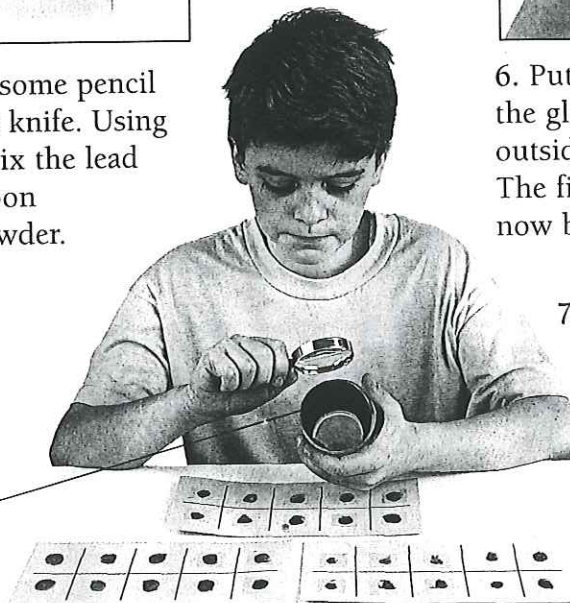


6. Put one hand inside the glass, and dust the outside with the mixture. The fingerprints should now become visible.



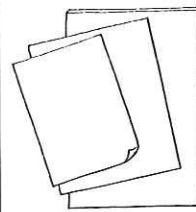
3. Press the finger on a square of the double-sided tape. Repeat with each finger. Collect sets of prints from other friends.

*Dark paper makes fingerprints easy to see.*



7. Use your fingerprint collection and the magnifying glass to find out which friend picked up the glass. Can you tell which hand they used?

You will need:



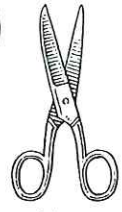
Colored paper



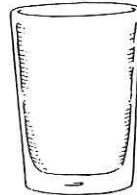
Talcum powder



Magnifying glass



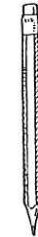
Scissors



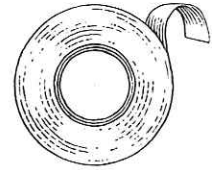
Glass



Ruler



Soft pencil



Double-sided tape



Soft brush



Craft knife



Spoon



Pen