

# HEADS IN, HEARTS IN

## Fingerprint Fun

### Instructions for Set-Up

#### Supplies

- “Guide for Families” handout
- Clear plastic standup display (optional)
- “Fingerprint Examples” handout (Letters)
- “Fingerprint Examples” handout (Numbers)
- 6 sheets of colored paper (3 of one color and 3 of another color)
- Scissors
- Scrap paper
- Ink pad
- Wet wipes
- Display table

#### Activity Preparation

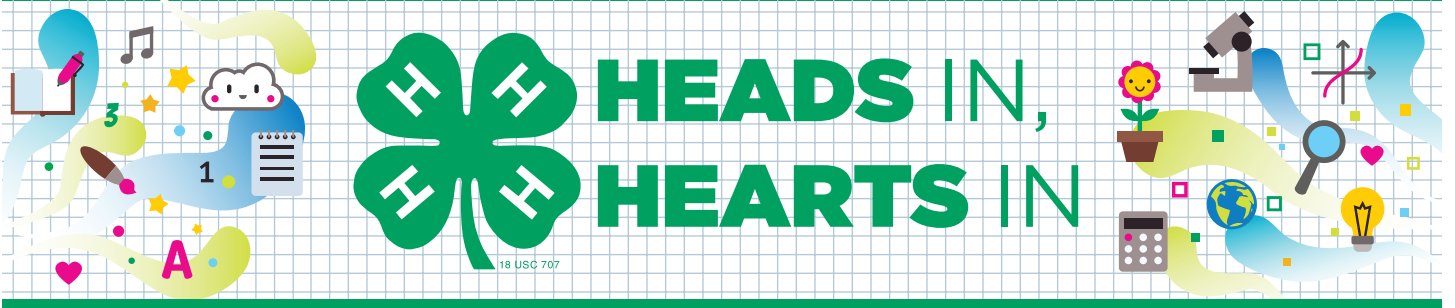
- ▶ Purchase or locate items on supply list.
- ▶ Print one copy of the “Guide for Families” handout. Laminate or place in a clear plastic standup display to allow participants to see it more readily.
- ▶ Print the letter fingerprints on one color of paper and the number fingerprints on another color of paper. Laminate them if possible. Cut them apart. (Note that A and 1 are the same image, just as B and 7 are, C and 9, and so on.) See the following table for correct fingerprint matches:

Letter	Number
A	1
B	7
C	9
D	11
E	3
F	10
G	6
H	2
I	4
J	12
K	5
L	8



- ▶ On the back side of each letter fingerprint and number fingerprint, write the corresponding letter or number as an answer key.
- ▶ Set up the display table and arrange needed supplies.

Note that the fingerprints in this activity were used with permission of Frank Virzi.



# Fingerprint Fun

## Guide for Families

### Learning Objectives

#### What you need to know:

The ridges on our fingers that create **fingerprints** are important because they help us grasp objects. We leave fingerprints when we touch solid surfaces because of the natural oils found in our skin.

Fingerprints are unique to each person, even identical twins. No one else has the same fingerprints you do. The ridges on your fingers don't change as you grow or get older. Even when you burn, cut or scrape your finger, the original pattern of the fingerprint remains the same as the new skin grows.

#### What you will do and learn:

You will demonstrate an understanding of the purpose of fingerprints and you will be able to identify similarities between different fingertips while playing a matching game. You will also make your own fingerprint using ink.

### Instructions

1. Look at the fingerprints labeled with letters. Now look at the fingerprints labeled with numbers.
2. Try to match the fingerprints labeled with letters with the fingerprints labeled with numbers. Look on the back of the fingerprints to find the answers that match a letter fingerprint to a number fingerprint. Look for the similarities.
3. Look at your own fingerprint. Observe a friend's fingerprint.
4. Press your finger into the pad of ink. Press your finger firmly on to a piece of scrap paper. Observe your fingerprint.
5. Use the wet wipes to clean your hands.
6. What characteristics are similar between the fingerprints? What characteristics are different?
7. What did you find interesting about the fingerprints?

# Fingerprint Fun

## Fingerprint Examples Handout (Letters)

**A**



**B**



**C**

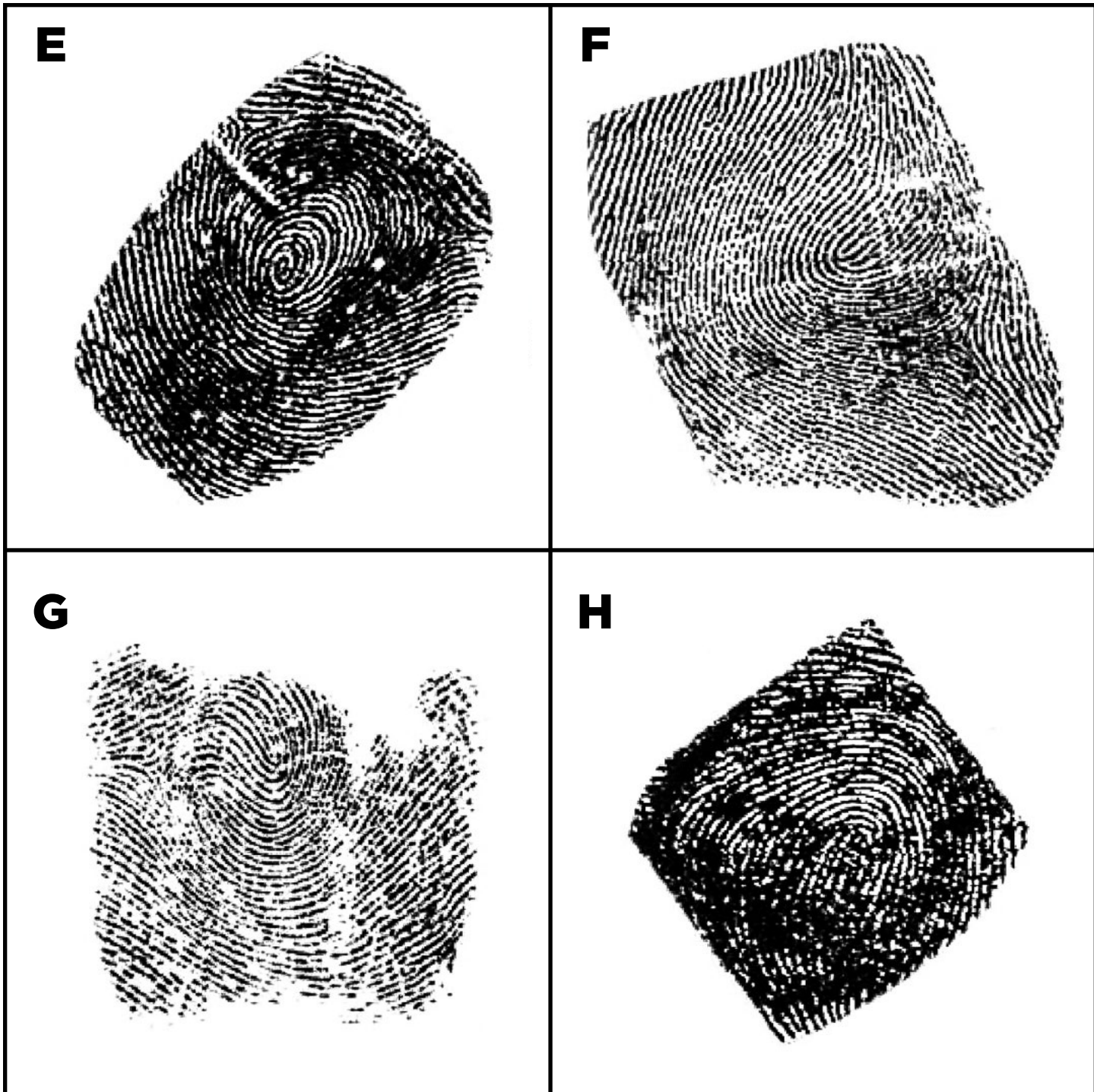


**D**



# Fingerprint Fun

## Fingerprint Examples Handout (Letters), continued



# Fingerprint Fun

## Fingerprint Examples Handout (Letters), continued

**I**



**J**



**K**



**L**



# Fingerprint Fun

## Fingerprint Examples Handout (Numbers), continued

**1**



**2**



**3**



**4**



# Fingerprint Fun

## Fingerprint Examples Handout (Numbers), continued

**5**



**6**



**7**



**8**



# Fingerprint Fun

## Fingerprint Examples Handout (Numbers), continued

**9**



**10**



**11**



**12**

