Fingerprinting

TEACHER'S GUIDE
Grades 4-8

LHS GEMS

What You Need *(for all sessions)*

For the class:

- ☐ 1 pair of scissors
- ☐ an overhead projector
- ☐ 1 blank overhead transparency
- ☐ the following student sheet masters:
  "Your Fingerprints" (page 10)
  "10 Fingerprints" (page 19)
  "Fingerprint Patterns" (page 21)
  "Suspects" (page 26)
  "Safe with Prints" (page 27)
- ☐ access to a high quality photocopier (Several of the student sheets to be duplicated include actual fingerprints. A high quality photocopier is **essential** for obtaining the print quality necessary for students to distinguish the fingerprint patterns. If you are unsure whether the photocopier you are using is adequate, make a sample copy of one of the student sheets that has real fingerprints. You should be able to see the patterns of lines in each print clearly.)

For every group of four students:

- ☐ 1 tape dispenser with 3/4-inch Magic™ transparent tape (While most transparent tape will work, it is important that it be at least 3/4 of an inch wide. Narrower tape will not be wide enough to print the entire fingerprint pattern.)

For each pair of students:

- ☐ 1 envelope or paper clip
- ☐ 1 magnifying lens (The activity can be done without magnifying lenses but teachers have found that they are highly desirable for focusing the students' attention on observing fine fingerprint features.)

For each student:

- ☐ 1 No.2 pencil
- ☐ 1 sheet of white scratch paper
- ☐ 1 damp paper towel to clean hands