Mr. Bear Mystery

- Shopping & Gathering List for all five Mr. Bear Sessions -

(for a class size of about 32)

See page 97 for a sample letter asking parents to contribute materials.

- Five stuffed animals (one of which must be a bear)
- ~ 6 feet of white cotton yarn
- ~ 6 feet of colored cotton yarn
- ~ 6 feet of colored wool yarn (best if the yarn looks “woolly.”)
- 1 long piece of string or rope to barricade crime scene (~50 feet)
- 16 pencils
- 1 brown felt water-base marker
- at least 1 marking pen (variety of colors is ideal)
- 1 package white paper towels
- 3 white sheets of 8 1/2” x 11” paper
- 40 feet butcher paper
- 1 roll of Universal pH paper (the exact brand is not important)
- 1 roll of transparent adhesive tape
- 1 roll of masking tape
- 1 pair of scissors
- 16 clear plastic cups
- 3 empty film canisters
- 1 ice cube tray
- 2 white test trays (“styrofoam” egg cartons cut in half work well, if these are not available, use white plastic paint trays from an art store or white ice cube trays.)
- 1-4 small dropper bottles (empty medicine dropper bottles, saline bottles or similar small bottles are fine)
- 2 empty cola cans
- ~ 1/4 cup cola
- ~ 1/2 ounce of iodine
- 2 tablespoons of red food coloring
- 1 tablespoon of green food coloring
- ~ 1/4 cup of baking soda
- ~ 5 tablespoons of corn starch
- 1/2 teaspoon salt
- 11/2 teaspoons sugar
- 1/4 teaspoon
- 1/8 teaspoon
- a yardstick
- stir stick
- 1 paintbrush (any kind)
- 1 paint container (a plate or cup is fine)
- 2 colognes or perfumes, as different from each other as possible. (get samples from department stores, bathroom cabinet, magazines, etc.)
- 1 wastebasket
- 4 small mirrors, preferably with stands (clay works as a makeshift stand)
- 1 large plastic trash bag
- 1 sponge
- ~ 30 strands of pet hair (dog or cat hair is fine)
- ~ 1 handful of grass

Optional for Session 1:
- a Polaroid or video camera to record pictures of the crime scene

Pages to be copied from this guide:
- footprints for scene of the crime (page 25)
- pictures of suspects (pages 40-44)
- Clue Board Illustrations (page 39)
- 4 copies of the “Suspect Fingerprints” sheet (page 63)
- 4 copies of the “Cup Fingerprints” sheet (page 62)
- 8 copies of the “Mr. Bear Footprints” sheet (page 31)
- 4 copies of each of the station signs
- For every two students: 1 copy of the “Mr. Bear Mystery Data Sheet” (pages 64-65)

Depending on the option you choose in Session 5, you may also need:
- paper
- crayons or colored markers
- a chalkboard and chalk
Felix Mystery

Shopping & Gathering List for all five Felix Mystery Sessions

(for a class size of about 32)

See page 200 for a sample letter asking parents to contribute materials.

☐ ~ 6 feet of white cotton yarn
☐ ~ 6 feet of colored cotton yarn
☐ ~ 6 feet of colored wool yarn
☐ a long piece of rope or string to barricade crime scene (~ 50 feet)
☐ 21 pencils
☐ 2 marking pens (1 permanent)
☐ 1 brown felt water-base marker
☐ 1 package of white paper towels
☐ ~ 40 feet white butcher paper
☐ 12 sheets of 8 1/2” x 11” white paper.
☐ ~ 50 lined 3” x 5” index cards
☐ 1 pad of 100 3” x 5” Post-it® notes (not needed if you make a chalkboard Clue Board—see #2 in Getting Ready)
☐ 1 roll of Universal pH paper with color chart (the exact brand is not important)
☐ 1 piece of tag board ~ 8 1/2” x 11” (the cardboard back of a notepad is fine)
☐ 1 roll of 3/4” clear adhesive tape
☐ 1 roll of masking tape
☐ 1 pair of scissors
☐ 18 clear plastic cups
☐ 2 one-gallon zip lock plastic bags
☐ 6 empty film canisters
☐ 2 white test trays (Styrofoam egg cartons cut in half work well. If these are not available, use white plastic paint trays from an art store or white ice cube trays.)
☐ 2-5 dropper bottles (empty medicine dropper bottles, saline bottles or similar small bottles are fine)
☐ 2 empty cola cans
☐ 1 meter or yardstick
☐ 1 metric ruler
☐ five 1/8 teaspoons (or use 1/4 teaspoons & have students estimate half)
☐ ~ 1/2 ounce of iodine
☐ ~ 2 cups baking soda
☐ ~ 2 cups corn starch
☐ ~ 1/4 cup cola
☐ 1 ice cube tray
☐ 1 paintbrush (any kind)
☐ 1 paint container (a plate or cup is fine)
☐ 1 wastebasket
☐ 1 chocolate candy wrapper
☐ 1 white cotton towel
☐ 1 comb with several strands of human hair
☐ 3 tablespoons of red food coloring
☐ 1 tablespoon of green food coloring
☐ 1 “broken” alarm clock
☐ 4 colognes or perfumes, as different from each other as possible (get samples from department stores, your bathroom cabinet, friends, magazines etc.).
☐ 1 small container of Krazy Glue®
☐ 1 pair plastic gloves
☐ 2 sheets of aluminum foil about 12” x 16”
☐ 2 votive candles
☐ 1 book of matches
☐ At least 1 pair of safety goggles (4 pairs would be ideal, swimming, snorkeling or ski goggles are all fine).
☐ 4 pairs of metal tweezers, tongs or equivalent
☐ 4 small mirrors, preferably with stands (clay works as a make-shift stand)
☐ 2 “eggs” of Silly Putty™
☐ 1 large plastic trash bag
☐ 1 sponge
☐ 4 old sweaters or t-shirts
☐ 4 bags (brown paper shopping bags or plastic bags are fine)
☐ ~ 30 strands of pet hair (dog or cat hair is fine)
☐ pinch of human hair, grass, threads, yarn, for tape lift examples sheet.

Pages to be copied from this guide:
☐ footprints for scene of the crime (page 116)
☐ pictures of suspects (pages 141–144)
☐ 4 copies of the “DNA Fingerprints” sheet (page 178)
☐ 4 copies of the “Suspec: Fingerprints” sheet (page 130)

continued ▶
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☐ 4 copies of the “Suspect Handwriting Samples” sheet (page 185)
☐ 4 copies of the “Tape lift Examples” sheet (page 178)
☐ 8 copies of the “Suspect Footprints” sheet (page 129)
☐ 4 copies of each station sign
☐ for every two students: one copy of the “Felix Mystery Data Sheet”

Optional for Session 1:
☐ a Polaroid or video camera to record pictures of the crime scene

The following items are optional, but are great for “spicing up” the crime scene:
☐ 1 guitar pick
☐ 1 pair of sunglasses
☐ 1 clip-on earring
☐ 1 package carpet tacks

Depending on the option you choose in Session 5, you may also need:
☐ paper
☐ a chalkboard and chalk