

Handout 4.2: Home Safety Hunt Floor Plan and Emergency Plan

Name: _____ Date: _____ Team: _____

Directions: Part 1 fills in during the room slides. Part 2 is the hunt: read the home below, highlight every hazard you find, and put each one in the table with the room, the type, and a fix. There are fifteen. Part 3 is the emergency plan for the family who lives there.

Word bank in other languages

[Check with a native speaker before printing.]

English	Turkish	Portuguese	Spanish
hazard	tehlike	perigo	peligro
fire	yangın	fogo (incêndio)	fuego (incendio)
fall	düşme	queda	caída
poison	zehir	veneno	veneno
smoke detector	duman dedektörü	detector de fumaça	detector de humo
exit	çıkış	saída	salida
meeting spot	buluşma noktası	ponto de encontro	punto de encuentro

Part 1: Hazards by room

Room	Two or three common hazards	Device or rule that reduces the risk
Kitchen		
Bathroom		
Stairs		
Bedroom		
Garage		
Outside		

Smoke detectors go: _____ Test them every: _____ Replace at: _____ years

A CO detector is needed because carbon monoxide has no _____.

Poison Control: 1-800-_____-_____

Part 2: The Home Safety Hunt

The family

The Delacroix-Nwosu home. Three people live here: the mother, who works days; her daughter, age 2; and the mother's mother, age 74, who uses a cane and sleeps upstairs. There is one cat.

The floor plan (described)

Draw it if it helps. The house has two floors and an attached garage.

First floor, from the front door: You enter into a hallway. The stairs to the second floor go up on your left. Straight ahead is the living room. Behind the living room, through an open doorway, is the kitchen. Off the kitchen, one door leads to the attached garage, and another door leads to the back yard. There is a half bathroom (toilet and sink) under the stairs.

Second floor, at the top of the stairs: A landing. The grandmother's bedroom is on the left, with one window over the front yard. The mother's bedroom is on the right, with one window over the back yard. The toddler's room is at the end of the hall, with one window over the side yard. The full bathroom is between the mother's room and the toddler's room.

The home, room by room (fifteen hazards are hidden in these sentences)

Front hall and stairs. The front door has a lock and a chain. A basket of shoes sits on the bottom two steps of the stairs. There is no railing on the stairs; it was removed when the wall was painted and never put back. The hall light bulb burned out last week. A small rug at the top of the stairs has a curled-up corner.

Living room. A couch faces a TV on a stand. The TV cord and a lamp cord run under the area rug to reach the outlet. A power strip on the floor has six plugs in it: the TV, a lamp, a game console, a phone charger, a space heater, and a fan. A candle sits on the low coffee table, and the toddler's toys are on the floor next to it. The window has a blind with a long looped cord that hangs to the floor.

Kitchen. The stove is against the back wall. A pot of water is on the front burner with the handle turned out toward the room. A dish towel hangs over the oven door handle, touching the front of the stove. Under the sink, the cabinet has no lock, and inside are dish soap, drain cleaner, and bleach. The grandmother's pill bottles are lined up on the counter next to the coffee maker where she can reach them. A step stool with a cracked leg is by the refrigerator. The kitchen has a smoke detector, and it works.

Half bathroom. Clean. A night light is plugged in. Nothing else.

Garage. The mother warms up the car in the garage on cold mornings with the garage door closed. A can of gasoline for the lawn mower sits on the floor next to the water heater. There is a CO detector in the garage. There is no CO detector anywhere inside the house.

Back yard. A ladder is leaning against the house from when the gutters were cleaned. The back steps have ice on them in winter. There is a small above-ground pool with a ladder that stays in place and no fence or gate.

Second floor landing and hall. A smoke detector is on the ceiling. It chirps once a minute; the battery is low. The hall is carpeted.

Grandmother's bedroom. The bed is high. A space heater is on the floor about a foot from the blanket that hangs off the bed. There is no lamp within reach of the bed, so she walks across the room in the dark to the wall switch. The window opens.

Mother's bedroom. A laundry basket is by the door. The window opens. A phone charger is on the nightstand. Nothing else.

Toddler's room. A crib. A dresser with the drawers not anchored to the wall; the toddler has started climbing. A bottle of children's medicine is on the dresser. A window with a screen and no window guard; the crib is under the window. There is no smoke detector in this room.

Full bathroom. A bath mat with no rubber back on the tile floor. A hair dryer is plugged in next to the sink, cord in the sink. There is no grab bar in the tub. The medicine cabinet has a latch.

The hunt table

Type: Burn / Fall / Fire / Electrical / Poison / Drowning / CO / Other

#	Room	The hazard	Type (check one)	One fix
1			[] Burn [] Fall [] Fire [] Elec [] Poison [] Drown [] CO [] Other	
2			[] Burn [] Fall [] Fire [] Elec [] Poison [] Drown [] CO [] Other	
3			[] Burn [] Fall [] Fire [] Elec [] Poison [] Drown [] CO [] Other	
4			[] Burn [] Fall [] Fire [] Elec [] Poison []	

			Drown [] CO [] Other	
5			[] Burn [] Fall [] Fire [] Elec [] Poison [] Drown [] CO [] Other	
6			[] Burn [] Fall [] Fire [] Elec [] Poison [] Drown [] CO [] Other	
7			[] Burn [] Fall [] Fire [] Elec [] Poison [] Drown [] CO [] Other	
8			[] Burn [] Fall [] Fire [] Elec [] Poison [] Drown [] CO [] Other	
9			[] Burn [] Fall [] Fire [] Elec [] Poison [] Drown [] CO [] Other	
10			[] Burn [] Fall [] Fire [] Elec [] Poison [] Drown [] CO [] Other	
11			[] Burn [] Fall [] Fire [] Elec [] Poison [] Drown [] CO [] Other	
12			[] Burn [] Fall [] Fire [] Elec [] Poison [] Drown [] CO [] Other	

13			☐ Burn ☐ Fall ☐ ☐ Fire ☐ Elec ☐ Poison ☐ Drown ☐ CO ☐ Other	
14			☐ Burn ☐ Fall ☐ ☐ Fire ☐ Elec ☐ Poison ☐ Drown ☐ CO ☐ Other	
15			☐ Burn ☐ Fall ☐ ☐ Fire ☐ Elec ☐ Poison ☐ Drown ☐ CO ☐ Other	

Our team found ____ out of 15.

Most dangerous for the toddler: #____ because _____

Most dangerous for the grandmother: #____ because _____

Grade 8 stretch, price list for the money fixes: smoke detector \$15, CO detector \$25, stair railing \$60 plus installing, grab bar \$20, window guard \$30, cabinet locks \$8 for a pack, furniture anchor straps \$10 for a pack, cordless blinds \$35, rubber-backed bath mat \$12, pool fence with a gate \$400 and up. Free fixes: moving things, turning things off, unplugging, throwing out.

Fixes that are free: _____

Fixes that cost money and about how much: _____

Part 3: The family emergency plan

Fill this in for the Delacroix-Nwosu family.

Two ways out of every bedroom (a door and a window, or two doors). Draw them on your floor plan sketch with arrows, or write them here.

Bedroom	Way out 1	Way out 2
Grandmother's room		
Mother's room		
Toddler's room		

Who helps whom: The toddler is carried by _____. The grandmother needs _____.



Meeting spot outside (everyone can reach it; not the driveway):

Why that spot works for a grandmother with a cane: _____

Who to call

For	Number
Fire, medical emergency, police	
Poison Control	
A trusted adult who is not in the house	(write "a neighbor" or "an aunt," not a real number)

Practice: How often should the family practice this plan? _____ At night or in the day, or both? _____

Teacher key

Part 1 (accept any hazards from the slides): Kitchen: pot handles out, grease, knives in the sink, towel by the burner; rule: handles in, nothing on the stove, smoke detector nearby but not over the stove. Bathroom: wet floor, no grab bar, medicines in reach, hair dryer near water; rubber-backed mat, grab bar, latched cabinet, GFCI outlet. Stairs: clutter, loose rug, no rail, dark; clear steps, secure rugs, a rail, a light. Bedroom: space heater by the bed, cords under rugs, candles, a blocked window; three feet from anything that burns, cords in the open, no candles, window opens. Garage: gasoline near the water heater, running car, tools in reach; fuel outside or in a cabinet away from flame, never run a car in a closed garage, tools up. Outside: a ladder left up, an unfenced pool, ice; ladder down and stored, fence and gate, salt and clear. Smoke detectors: every level and every sleeping area; test monthly; replace at 10 years. CO has no smell (no color either). Poison Control 1-800-222-1222.

Part 2, the fifteen planted hazards:

#	Room	Hazard	Type	Fix
1	Stairs	Basket of shoes on the bottom steps	Fall	Move the basket off the stairs
2	Stairs	No railing	Fall	Put the railing back
3	Hall	Burned-out hall light	Fall	Replace the bulb
4	Stairs	Rug at the top with a curled corner	Fall	Remove it or tape it flat with a rug pad
5	Living room	Cords under the rug	Fire and electrical	Run cords along the wall, not under rugs
6	Living room	Power strip with six plugs including a space heater	Fire and electrical	Heater into a wall outlet alone; fewer plugs
7	Living room	Candle on the low table next to the toddler's toys	Fire and burn	No open flame; use a battery candle
8	Living room	Blind cord looped to the floor	Other (strangulation)	Cut the loop, use a cord cleat, or switch to cordless blinds
9	Kitchen	Pot handle turned out	Burn	Turn handles in

10	Kitchen	Towel on the oven door touching the stove front	Fire	Hang towels away from the stove
11	Kitchen	Drain cleaner and bleach under the sink, no lock	Poison	Cabinet lock, or move them up high
12	Kitchen	Grandmother's pills on the counter in the toddler's reach	Poison	Up high in a latched cabinet; a weekly pill box she can reach but the toddler cannot
13	Kitchen	Step stool with a cracked leg	Fall	Throw it out
14	Garage	Car warmed up with the garage door closed; no CO detector inside the house	CO	Never run the car in a closed garage; CO detector near the bedrooms
15	Garage	Gasoline next to the water heater	Fire	Store fuel in a sealed can away from any flame, outside the house if possible

Extra hazards students may also list (accept all with a fix): the pool with no fence and the ladder left in (drowning); the ladder leaning on the house (fall); ice on the back steps (fall); the chirping smoke detector (fire; change the battery); the space heater a foot from the blanket (fire; three feet); the grandmother walking in the dark (fall; a lamp by the bed); the unanchored dresser (fall; anchor straps); children's medicine on the dresser (poison); the crib under an unguarded window (fall; move the crib, add a guard); no smoke detector in the toddler's room (fire); the bath mat with no rubber back (fall); the hair dryer with the cord in the sink (electrical); no grab bar (fall). The description holds more than fifteen so that no team runs out; count any correct hazard toward the fifteen.

Most dangerous for the toddler: accept the drain cleaner, the pills, the blind cord, the pool, or the crib under the window with a reason. Most dangerous for the grandmother: accept the missing railing, the rug at the top, walking in the dark, the space heater, or the tub with no grab bar with a reason.

Grade 8 stretch: free fixes include moving the shoe basket, turning the handle in, moving the towel, removing the rug, moving the pills up, taking the ladder down and the pool ladder out, changing how the car is warmed up, moving the gasoline. Money fixes: railing \$60 plus, CO detector \$25, smoke detector for the toddler's room \$15, window guard \$30, cabinet locks \$8, anchor straps \$10, cordless blinds \$35, grab bar \$20, bath mat \$12, pool fence \$400 and up. About \$215 without the pool fence.

Part 3: Every bedroom: the door to the hall and the window. Toddler: carried by the mother. Grandmother: needs someone to help her on the stairs, or a plan to get her out the window if the stairs are blocked (a fire escape ladder, about \$40, or waiting at the window for firefighters with the door closed). Meeting spot: the mailbox at the end of the front walk, or a neighbor's front step; not the driveway, and not far enough that the grandmother cannot walk to it. Calls: 911; 1-800-222-1222; a neighbor or relative. Practice twice a year, at least once at night.