Unit 11

♦ Earthquake and Fire Safety at Work
♦ First Aid Kits
♦ Fire Hazards in the Home
♦ Must and Have To
THE EARTHQUAKE DRILL

Read the story and answer the questions with complete sentences.

Maria and Joaquin were under the desk in the office because they were having an earthquake drill. Joaquin was Mr. Novella’s nephew. He was there to replace Jose because Jose’s mother was sick and Jose had to take care of her.

Maria explained the emergency office procedures to Joaquin. She told him never to take the elevator during an earthquake or fire. If the electricity went out, he might get stuck there in the elevator.

Also, in case of a small fire, Joaquin should pull the safety pin on the fire extinguisher before he uses it. For big fires, Maria told him to call the fire department and to exit the building by the stairs. She then showed him the first aid kit under the counter. It was for people who got hurt.

1. Who explained the emergency procedures to Joaquin?

_______________________________________________________________________

2. Should Joaquin take the elevator during a fire?

_______________________________________________________________________

3. What should he do to the fire extinguisher first?

_______________________________________________________________________

4. Who should he call to put out a big fire?

_______________________________________________________________________

5. Who was the first aid kit for?

_______________________________________________________________________
THE FIRST AID KIT

- We use a first aid kit to give immediate care to a victim of an accident.

- Every first aid kit should have:

<table>
<thead>
<tr>
<th>Item</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>band-aids</td>
<td>for small cuts</td>
</tr>
<tr>
<td>(adhesive bandages)</td>
<td></td>
</tr>
<tr>
<td>gauze</td>
<td>for wounds</td>
</tr>
</tbody>
</table>
tape to secure gauze
antiseptic wipes to clean cuts
medicated cream to help fight infection
a pair of scissors to cut the gauze and the tape
a pair of tweezers to remove splinters from skin
Circle the correct answers to the following questions.

1. Your friend cut his finger on a small piece of glass. After you wash the cut, you should protect it with ____________________.
   a. a band-aid
   b. a piece of tape
   c. a pair of tweezers

2. Your friend got a splinter of wood in his toe. You should take it out with ____________________.
   a. a pair of scissors
   b. a pair of tweezers
   c. gauze

3. Your little girl has a cut on her foot. You can clean the cut with ____________________.
   a. an antiseptic wipe
   b. medicated cream
   c. a band-aid

4. Your son burned his arm on the stove. You put medicated cream on his burn. Now, you want to protect it with gauze. You can cut the gauze with ________________.
   a. a pair of tweezers
   b. tape
   c. a pair of scissors
VOCABULARY

Study these definitions.

• blind  unable to see
• drill  a practice session for safety procedures
• hazardous  dangerous, can hurt someone
• protect  to keep from being hurt or damaged
• replace  to change something for another
• victim  a person who is hurt or killed in an accident

Complete the sentences below with the new vocabulary.

1. Joaquin and Maria are under the table because they are having an earthquake _______________________________. They are practicing the safety procedures. When there’s a real earthquake, they’ll know exactly what to do.

2. That window is broken. Please ________________________________ it as soon as possible.

3. Smoking cigarettes is ________________________________ to your health.

4. Ara must wear goggles to ________________________________ his eyes from the brake fluid.

5. John was the only ________________________________ of that accident. He was hurt badly.

6. If you don’t wear goggles and somethings gets in your eyes, you might go ________________________________.
SAFETY AT THE AUTO SHOP — Part 1

At the auto shop, Ara and Ed, his boss, were working on a car when Ed saw something. He noticed that Ara had long hair and that it might get caught in the machinery. That could be very dangerous. He told Ara to put his hair in a pony tail. Baggy pants and jewelry could get caught in machinery, too.

While discussing safety, Ed told Ara not to stretch an electrical cord or hose across the shop floor. A car could roll over it. He wanted Ara to wear steel-toed shoes to protect his feet. Something heavy could fall on them. Finally, Ara should wear goggles to protect his eyes. Ara paid attention to Ed’s safety instructions.

1. What kind of hair did Ara have?

_______________________________________________________________________

2. Should Ara put his hair in a pony tail?

_______________________________________________________________________

3. What kind of clothing could be dangerous on the job?

_______________________________________________________________________

4. Should Ara stretch an electrical cord across the floor?

_______________________________________________________________________

5. Why should Ara wear goggles?

_______________________________________________________________________
FIRE HAZARDS IN THE HOME

Match the fire hazard on the left with a picture on the right.

1. __________ smoking in bed

2. __________ overloaded electrical outlet

3. __________ playing with matches

4. __________ storing flammable liquids near a furnace

5. __________ using gasoline to start a fire
6. ________ dish towels near the stove

7. ________ throwing away cigarettes that are still burning

8. ________ stored rags soaked with grease, oil or paint

9. ________ fumes from cleaning fluid near a stove

10. ________ heaters located close to curtains
WHAT TO DO DURING A FIRE

Here is a list of things that you should do during a fire.

1. **LEAVE THE BUILDING IMMEDIATELY.**
   Take the stairs. Never take the elevator. Do not try to fight the fire unless it is very small.

2. **NEVER OPEN A DOOR THAT FEELS HOT.**
   If the door feels hot, the fire on the other side may be very strong. If you open the door, you could be killed by the heat and the smoke.

3. **CRAWL ON THE FLOOR WHEN YOU GO THROUGH A SMOKY AREA.**
   Smoke and hot gases rise, so it is better to stay close to the floor.

4. **DO NOT RUN IF YOUR CLOTHES ARE ON FIRE.**
   Running spreads the flames and makes the fire bigger. You should roll on the floor to put out the flames.

5. **DO NOT RETURN TO THE BUILDING FOR ANY REASON.**
   After you escape from the building, call the fire department (911). If there are people still trapped in the building, wait for the fire department to save them.
Answer True or False.

1. You should try to save people who are trapped in the building.   T   F
2. Don’t take the elevator during a fire.                  T   F
3. In a smoky area, you should get on top of a table.         T   F
4. Call the fire department after you leave the building.      T   F
5. If a door feels very hot, do not open it.                  T   F
6. Roll on the floor when your clothes are on fire.           T   F
7. If your clothes are burning, you should run to the nearest bathroom.   T   F
8. The first thing you should do when you see a big fire is try to put it out. T   F
SAFETY AT THE AUTO SHOP — Part 2

Ed was giving instructions to Ara about the brakes, but Ara wasn’t paying attention. Ed got angry at Ara. If he didn’t pay attention, he could get brake fluid in his eyes. Then he would go blind. Ara needed to learn about the chemicals in the garage. It wasn’t safe to work with chemicals he didn’t know.

Later, when Ara tried to open a hot radiator cap, he burned his hands. He needed to wear gloves or use a rag to open a hot radiator cap. When Ara didn’t know the safety procedures, Ed wanted Ara to ask him for more information.

1. Did Ara listen to Ed’s instructions about the brakes?

________________________________________________________________________

2. Was it safe to work with chemicals he didn’t know?

________________________________________________________________________

3. Did Ara burn his hands on the radiator cap?

________________________________________________________________________

4. What should Ara use to remove a radiator cap?

________________________________________________________________________

5. Who should Ara ask about the safety procedures?

________________________________________________________________________
MUST / HAVE TO

When it is necessary to do something, you can say you must do it or you have to do it.

Examples:

You must wear protective goggles when you use machinery.
You have to wear protective goggles when you use machinery.

At your job, you may see a list of safety rules that you must follow. Study the following list of safety rules.

<table>
<thead>
<tr>
<th>Safety Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Employees:</td>
</tr>
<tr>
<td>must tie hair back before using machinery</td>
</tr>
<tr>
<td>must wear steel-toed shoes</td>
</tr>
<tr>
<td>have to wear protective goggles when using machinery</td>
</tr>
<tr>
<td>must wear safety helmets on construction sites</td>
</tr>
<tr>
<td>must not talk while operating equipment</td>
</tr>
<tr>
<td>must store tools in a safe place</td>
</tr>
<tr>
<td>have to wear ear protection</td>
</tr>
<tr>
<td>have to wear fire-resistant clothing</td>
</tr>
<tr>
<td>have to use the right tools for the job and use them correctly</td>
</tr>
</tbody>
</table>
Pretend that you work for the company above. Your friend is going to start working at the same company tomorrow. Tell him some of the safety rules. Look at the pictures and complete the sentences below. Use must or have to.

Example:

You ___________ have to wear protective goggles ________ when using machinery _________.

You ___________ must not talk when operating ________ machinery _____________________.

1. You __________________________

________________________________________.

wear steel-toed boots

2. You __________________________

________________________________________.

wear fire-resistant clothing
3. You ___________________________________________
   _____________________________________________.
   tie your hair back

4. You ___________________________________________
   _____________________________________________.
   store tools in a safe place

5. You ___________________________________________
   _____________________________________________.
   wear ear protection

6. You ___________________________________________
   _____________________________________________.
   wear a safety helmet
SAFETY AT THE RESTAURANT

Teshome was preparing to clean the back room, and he didn’t know what to use. He mixed some bleach with some ammonia. Then, when he was cleaning the floors, he knocked over some chairs that were on top of the table.

Mr. Reynolds came in to see what was going on. He slipped and almost fell on the wet floor because Teshome forgot to put up the Caution sign. The boss was angry at Teshome. He told him to always put up the sign when he was cleaning the floor. Also, it was very dangerous to mix bleach and ammonia.

Later, Mr. Reynolds found some cleaning fluid next to some food. This was very dangerous. He wanted to fire Teshome, but Teshome apologized. Mr. Reynolds agreed to give Teshome a second chance. He told Teshome to study the safety manual.

1. Did Teshome stack the chairs on the tables correctly?

_______________________________________________________________________

2. Who slipped on the floor in the back room?

_______________________________________________________________________

3. Was it dangerous to mix bleach and ammonia?

_______________________________________________________________________

4. Was it a good idea to put cleaning fluid next to the food?

_______________________________________________________________________

5. Did Mr. Reynolds give Teshome a second chance?

_______________________________________________________________________
PROBLEM SOLVING
(video - 23:00)

Watch the video section called “Problem Solving.” Listen to the conversation and identify the problem. Help Teshome write down three or more things he did wrong, and then write the things he should have done.

Mr. Reynolds

Here is what I did wrong: __________________________________________

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

Here is what I should have done: __________________________________________

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________

_________________________________________________________________
THINK ABOUT IT

Choose one question. Think about it and then write your ideas.

1. Have you ever been in an emergency situation? What happened?
2. Do you know any First Aid procedures? List the actions in a procedure.
3. Joaquin is flirting too much with Maria. What do you think Maria should do?

_______________________________________________________________

_______________________________________________________________

_______________________________________________________________

_______________________________________________________________

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_______________________________________________________________

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_______________________________________________________________

_______________________________________________________________
UNIT 11 TEST

Circle the correct answers.

1. You should use the ________________ to give immediate care to an accident victim.
   a. first aid kit
   b. prescription
   c. aspirin

2. You should use ______________________ for small cuts.
   a. gauze
   b. aspirin
   c. band-aids

3. You should use the _____________________ to clean cuts.
   a. gauze
   b. antiseptic wipes
   c. band-aids

4. You should use the ___________________ to stop infections.
   a. aspirin
   b. medicated cream
   c. scissors

5. _____________________ take the elevator during a fire.
   a. Always
   b. Sometimes
   c. Never

6. Always take the _____________________ to leave the building during a fire.
   a. elevator
   b. stairs
   c. garage

7. Never open a door that feels _____________________.
   a. cold
   b. wet
   c. hot
UNIT 11 TEST

8. If the door feels hot, the fire on the other side could be very _________________.
   a. strong
   b. smoky
   c. far

9. You should _________________ on the floor if your clothes are on fire.
   a. sleep
   b. run
   c. roll

10. Remember to _________________ on the floor to go through a smoky area.
    a. crawl
    b. run
    c. roll

11. After you leave a burning building, call _________________.
    a. the owner
    b. 911
    c. a doctor

12. If there are people inside the burning building, let the _________________ save them.
    a. doctor
    b. fire department
    c. landlord

13. It’s important for everyone to follow safety _________________.
    a. rules
    b. goggles
    c. equipment

14. All employees _________________ wear steel-toed shoes. It’s a rule.
    a. should
    b. could
    c. must

15. All employees _________________ wear safety helmets on construction sites.
    a. have to
    b. most
    c. must not
UNIT 11 TEST

16. All employees ____________ talk while operating equipment.
   a. must
   b. should
   c. must not

17. All employees ____________ wear goggles to protect their eyes.
   a. have to
   b. should
   c. must not

18. Our employees practice earthquake and fire ____________.
    a. equipment
    b. drills
    c. lessons

19. You should know how to ____________ yourself in dangerous situations.
    a. replace
    b. protect
    c. drill

20. ____________ means dangerous. We should be careful.
    a. Hazardous
    b. Victim
    c. Drill
UNIT 11
STUDENT ANSWER KEY

THE FIRST AID KIT
(page 49)
1. a
2. b
3. a
4. c

VOCABULARY
(page 50)
1. drill
2. replace
3. hazardous
4. protect
5. victim
6. blind

FIRE HAZARDS IN THE HOME
(pages 52 & 53)
1. c
2. g
3. j
4. a
5. h
6. d
7. f
8. i
9. e
10. b

WHAT TO DO DURING A FIRE
(page 55)
1. F
2. T
3. F
4. T
5. T
6. T
7. F
8. F

MUST / HAVE TO
(pages 58 & 59)
1. You must / have to wear steel-toed boots.
2. You must / have to wear fire-resistant clothing.
3. You must / have to tie your hair back.
4. You must / have to store tools in a safe place.
5. You must / have to wear ear protection.
6. You must / have to wear a safety helmet.