



To: r.ortiz@desertconstruction.com,  
t.jacobs@desertconstruction.com,  
p.alfonso@desertconstruction.com  
From: t.klein@desertconstruction.com  
Subject: Safety Equipment

Dear Site Managers,

Last week, an employee was injured. A cement block fell and broke his toes. We want to avoid these injuries.

Remind all employees to wear personal protective equipment (PPE). To enter the construction site, everyone needs **steel-toe boots**, **hard hats**, and **safety glasses** or **goggles**. Employees need to wear **leather gloves** when nailing, doing electrical work, and sanding or cutting wood. **Dust masks** or **face shields** are also essential for wood cutting. **Earplugs** are necessary when working with loud tools like jackhammers. Anyone handling a power tool must also wear **grip gloves**. **Kneepads** must be worn when working on the ground.

Finally, keep **first aid kits** on site. Make sure everyone knows where they are. If we follow these guidelines, injuries won't be a problem.

Thanks,  
Tim Klein  
Owner, Desert Construction

## Get ready!

1 Before you read the passage, talk about these questions.

- 1 What is some safety equipment used on a construction site?
- 2 What safety equipment protects a worker's feet?



## Reading

2 Read the email on safety equipment. Then, complete the table using information from the email.

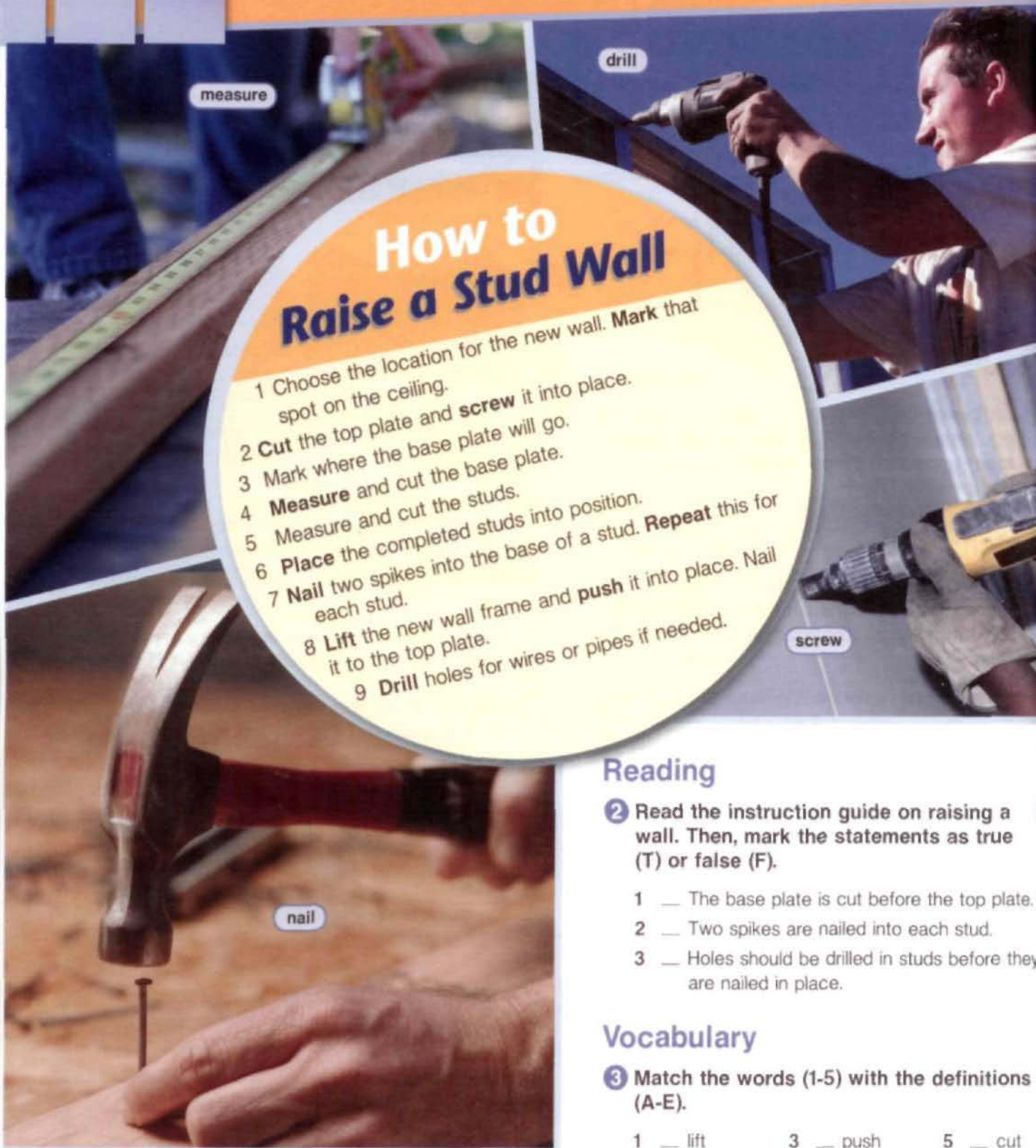
Situation	PPE needed
Arriving at the construction site	
Working with wood	
Using loud power tools	

## Vocabulary

3 Write a word that is similar in meaning to the underlined part.

- 1 Wear a partial face covering that protects your mouth and nose when you sand wood.  
\_ \_ \_ t \_ m \_ \_ \_
- 2 When installing floors, wear equipment that protects the knees.  
\_ \_ \_ \_ p \_ d s
- 3 John wore small pieces of plastic so that the noise from the machinery didn't hurt his ears.  
\_ \_ r p \_ \_ \_
- 4 To avoid head injuries from falling objects, wear a helmet made of plastic or metal.  
\_ \_ r \_ \_ \_ t
- 5 Greg wasn't hurt when he dropped the wood because he was wearing shoes that have extra reinforcement at the toes.  
\_ \_ \_ \_ l \_ o \_ \_ \_ t s
- 6 Using some chemicals or tools requires a protective covering for your entire face.  
\_ a \_ \_ \_ h \_ \_ d
- 7 Protective eyewear that shields the eyes and area around them are necessary when drilling.  
\_ \_ \_ \_ l \_ s





### Get ready!

1 Before you read the passage, talk about these questions.

- 1 What are some basic actions done when building?
- 2 What action involves putting a hole in something?

### Reading

2 Read the instruction guide on raising a wall. Then, mark the statements as true (T) or false (F).

- 1 ☐ The base plate is cut before the top plate.
- 2 ☐ Two spikes are nailed into each stud.
- 3 ☐ Holes should be drilled in studs before they are nailed in place.

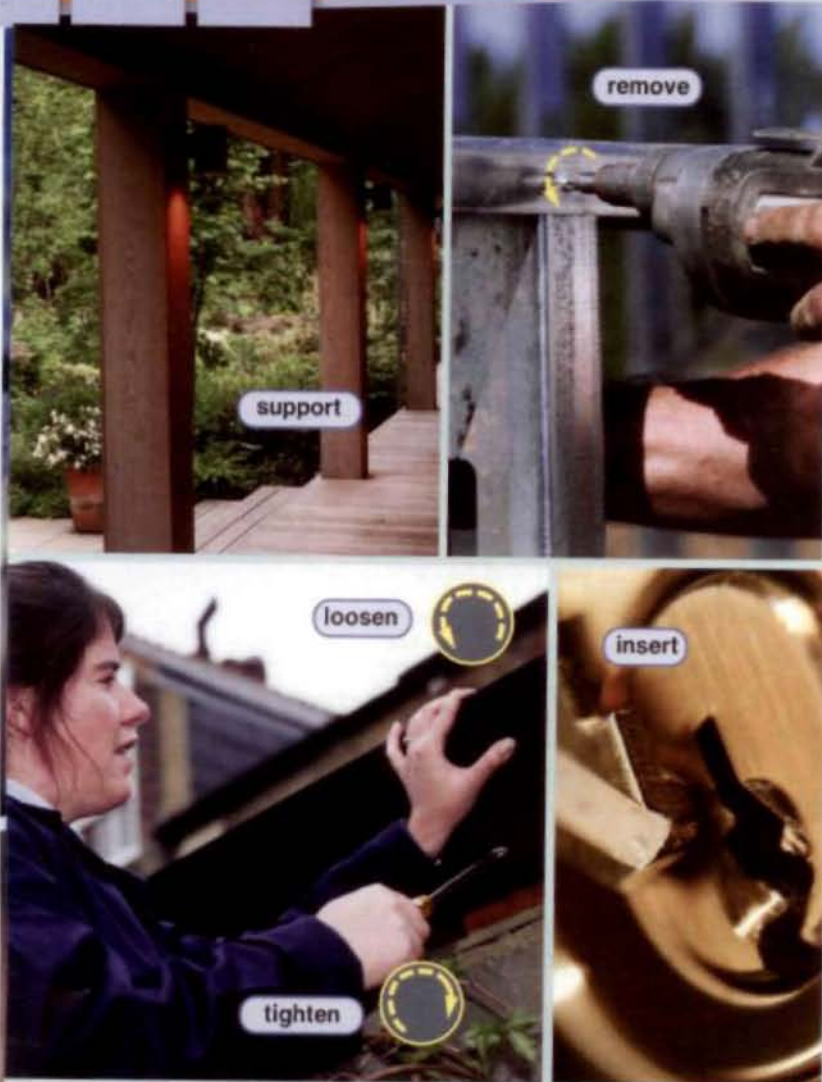
### Vocabulary

3 Match the words (1-5) with the definitions (A-E).

- |                                 |                                  |                                |
|---------------------------------|----------------------------------|--------------------------------|
| 1 <input type="checkbox"/> lift | 3 <input type="checkbox"/> push  | 5 <input type="checkbox"/> cut |
| 2 <input type="checkbox"/> mark | 4 <input type="checkbox"/> place |                                |

- A to set something somewhere
- B to divide something with a sharp instrument
- C to write a sign on something for reference
- D to apply force to something so that it moves away
- E to pick something up





### New Door Installation

To install a new door in your home, follow these simple steps:

- 1 **Check** the door opening. Make sure the sides are plumb.
- 2 Lift the door into the opening and **slide** it into place.
- 3 **Support** the door with boards or have another person hold it. **Line up** the door to the hinges.
- 4 Attach the door to the hinges. **Turn** the screws until they are against the hinges.
- 5 Open and close the door. If it does not swing freely, **loosen** the screws. But do not **remove** them. Insert shims to **center** the door and **tighten** the screws.
- 6 **Insert** the doorknob. Tighten the screws until they are secure.
- 7 **Twist** the doorknob to make sure it operates correctly.

### Get ready!

1 Before you read the passage, talk about these questions.

- 1 What actions are done when using a screwdriver?
- 2 What is another word for taking a screw out?

### Reading

2 Read the guide to installing a door. Then, mark the statements as true (T) or false (F).

- 1 — The doorknob is inserted before the door is put in place.
- 2 — The installation requires two people.
- 3 — Shims should be inserted if the door does not open and close correctly.

### Vocabulary

3 Match the words (1-6) with the definitions (A-F).

- |             |            |
|-------------|------------|
| 1 — support | 4 — insert |
| 2 — slide   | 5 — turn   |
| 3 — remove  | 6 — twist  |

- A to push something horizontally  
 B to keep something from falling down  
 C to change something's direction  
 D to take something out of something else  
 E to cause something to rotate  
 F to put something inside something else

4 Fill in the blanks with the correct words and phrases from the word bank.

### Word BANK

loosen center  
 check tighten line up

- 1 Please \_\_\_\_\_ that picture between the two others.
- 2 You should \_\_\_\_\_ that screw more before it falls out.
- 3 Could you \_\_\_\_\_ to see if that is the right length?
- 4 Turn screws left to \_\_\_\_\_ them.
- 5 Make sure the two ends of the pipe \_\_\_\_\_ correctly.