Refaa School G4 **Science** Ms. Arwa Al Mussabi

Unit 3 M 2 Lesson 3 Reduce Earthquake Damage Page 110-115

ST name: ..... G 4 \ .....

Q 1: Connect the word to its meaning: page 114-115

1-Made of diagonal pieces connecting beams and columns.

2- A force that comes from the sides.

3-Stiff wall made of braced panels.

shear wall

Bracing

Lateral force

Q2: Choose correct answer:

1-What steps should a student take to design a solution to a problem? كيفية حل المشكلات

A. Improve, communicate, plan, investigate, ask
B. Test, plan, investigate, improve, ask
C. Ask, investigate, plan, tests, improve
D. Ask, investigate, communicate, improve, plan

2- An emergency management specialist is someone who helps ..... in an emergency situation:

A- people B- animals

3- Earthquakes are ..... to occur where faults are located.

A- less likely B- more likely

4-If you are indoors during an earthquake, you can be safe.

A-under a table B-near a window

5-Scientists are using new technology to..... when an earthquakes will coming.

A-Predict or detect B-Stop

6-What structures can be used to help a building resist of an earthquake?

A. Bracing and damper B-Shear wall
C-Rubber joins D- All of them

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7-The sensor detects waves of earthquake firstly …….. from break at fault.

A-Transverse wave B- Longitudinal wave

8- Which best describes how people can prepare for earthquakes?

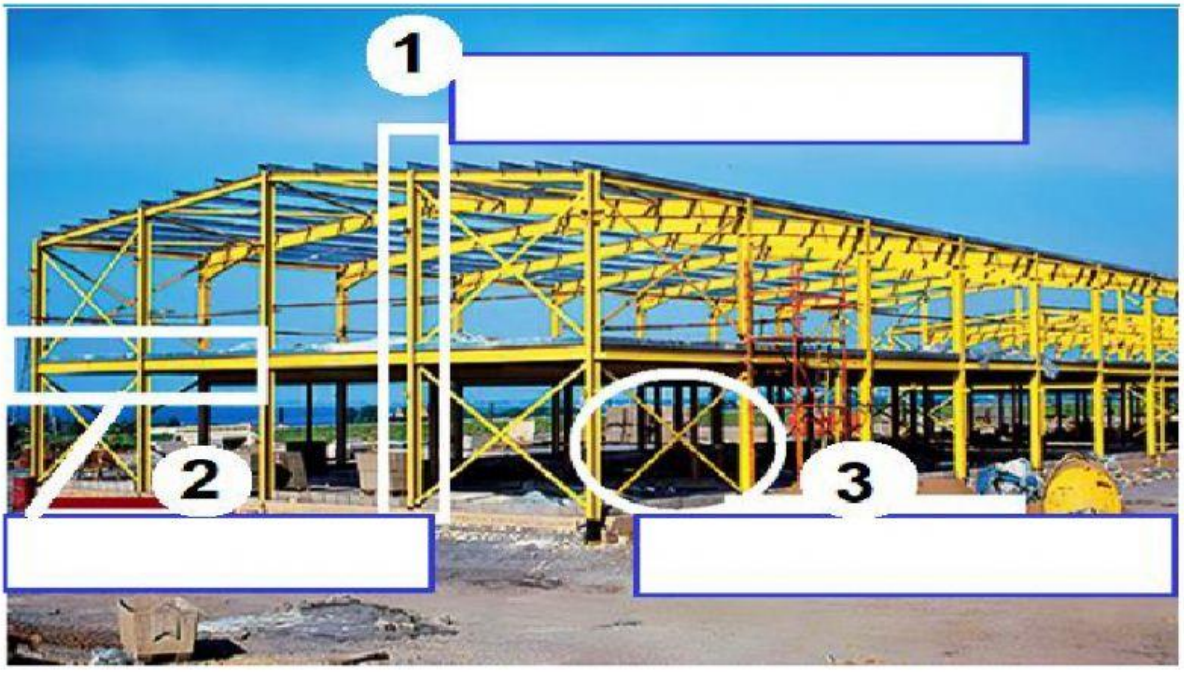
A. People can use seismographs to predict earthquakes.
B. There is no way to prepare for earthquakes.
C. People can build earthquake-safe buildings in earthquake zones.
D. People can use technology to stop earthquakes.

9-Which best describes how earthquakes and volcanoes shape the land?

A. They can destroy things, but they can also build up the land.
B. They break down the land.
C. They build up the land.
D. Only weathering and erosion can change the land.

Q3: Write the name of 1,2 and 3 on the picture down, use this words:

(X-Bracing -- Beams -- Column)



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