



STAT Lesson:
*Earthquake
Safety*



STAT Lesson Plan for English Language Learners
Earthquake Safety/Seguridad contra los terremotos

Lesson Duration: 30-40 minutes

Standards (as needed or required):

Lesson Objectives:

- Student will be able to use vocabulary and phrases related to earthquakes.
 - *El/la estudiante podrá usar el vocabulario y frases relacionadas con los terremotos.*
- Student will be able to identify how to prepare, take action, and stay safe during an earthquake.
 - *El/la estudiante podrá identificar cómo preparar, tomar acción, y mantenerse a salvo durante un terremoto.*
- Student will be able to match target vocabulary and phrases with the correct image.
 - *El/la estudiante podrá emparejar el vocabulario y las frases con la imagen correcta.*

I Can Statements:

- I can use vocabulary and phrases related to earthquakes.
 - *Puedo usar vocabulario y frases relacionadas con los terremotos.*
- I can identify how to prepare, take action, and stay safe during an earthquake.
 - *Puedo identificar cómo preparar, tomar acción, y mantenerse a salvo durante un terremoto.*
- I can match vocabulary and phrases with the correct image.
 - *Puedo emparejar el vocabulario y las frases con la imagen correcta.*

It is recommended that this lesson be preceded by the [Disaster Preparedness Overview Lesson](#).

Materials Needed




- Laptop or other mobile device (optional)
- Lesson Plan
- [Vocabulary & Image Guide Sheet](#)
- [Vocabulary Practice Worksheet](#) & [Vocabulary Practice Answer Key](#)
- [Earthquake Information Sheet \(ENG\)](#), [Earthquake Information Sheet \(SPN\)](#)
- Disaster Preparedness: Earthquakes Preparación contra terremotos
- [Vocabulary Images](#) (Paper Flashcards)
- Quizlet Activities: [Flashcards](#), [Matching](#)
- Edpuzzle Video: [Drop, Cover, and Hold On](#)
- Copies of [Pre-Test](#), [Post-Test](#), & [Test Answer Key](#)



Disaster Preparedness Materials

- Prepare
- Communication Plan
- Supply Checklist
- Supply Kit
- Alerts

Optional Learning Tools:

-  Preparedness: Earthquake Safety - Drop, Cover and Hold On
-  When an earthquake strikes, will you know what to do?
-  When The Earth Shakes - Animated Video



[Activate & Change Subtitle Language/Activar y cambiar el idioma de los subtítulos](#)

Target Vocabulary

- Earthquake
- Anywhere
- Anytime
- Aftershock
- No warning
- Fires
- Road damage
- Tsunamis
- Landslides
- Avalanches
- Drop
- Cover
- Hold on

Target Phrases

- Take action.
- Don't stand in a doorway.
- Don't run outside.
- If in bed, stay.
- If outside, stay.
- If in a car, stop and stay.
- Use arms to protect your head and neck.



Pre-Test Questions

1. Which of the following should you do to stay safe during an earthquake?
2. Which of the following are caused by earthquakes?
3. It's okay to stand in a doorway during an earthquake.
4. Complete the sentence: Drop, Cover, and _____!
5. What is the English word for this image?

Introduction/Opener/Activate Prior Knowledge

Show an image of an earthquake and/or the following video and ask students to describe what they see.

- [▶ Disaster Preparedness: Earthquakes](#) [▶ Preparación contra terremotos](#)

Lesson Instructions

Language Note: The following lesson may be taught in the students' native language for beginning English Language Learners. If your students are more advanced, these same lessons can be taught using as much English as is appropriate.

While there may be a variety of available activities, it is important to select the particular activities that can be used for group or individual practice to meet the needs of the students. The objective is for students to practice with engaging activities that will enable them to practice what they are learning.

- Introduce Lesson Content:
 - Hand out Bilingual information sheets: Earthquake Information Sheet (ENG), Earthquake Information Sheet (SPN).
 - Explain that earthquakes can be very dangerous and happen with no warning.
 - Go over the **Earthquake Fact Sheet**. Ask students to identify *when* and *where* earthquakes occur. Discuss the difference between an earthquake and an aftershock. Ask students how they should *prepare* for an earthquake and what they should do to *take action*. Have students look at the images of earthquake dangers and ask students to explain what earthquakes can cause.
 - Go over the **Earthquake Safety Sheet** and explain that there are steps to take to *prepare* (these include all disasters), to *take action*, and to continue *staying safe* during an earthquake. Go over the DOs and DON'Ts.
- Introduce Vocabulary & Phrases:
 - Hand out Vocabulary & Image Guide and go over the vocabulary in English.
 - Practice out loud as a group.



- Say the phrases in English and have students repeat.
- Give students feedback with pronunciation.
- Repeat the term and give feedback until the student closely mimics your pronunciation.
- English Vocabulary Practice:
 - Do the Vocabulary Practice Worksheet (Parts A and B)
 - Practice using flashcards (Paper or Virtual)

Virtual Activities

- Flashcards on **Quizlet** that match the paper flashcards
 - English-Spanish (students can switch to start with Spanish)
 - English to image
 - English with descriptions
- Comprehension activities on **Quizlet**
- Interpretive comprehension activities with videos using **EdPuzzle**

Extension Activity/Connections to Other Topics

- Show the [Ways To Get Warnings](#) video. Have students verify that their cell phone is able to accept WEA (Wireless Emergency Alerts) and that notifications are enabled (Have students opt-in to receive notifications). Other options are to download the following mobile applications: [FEMA](#), [American Red Cross](#), [The Weather Channel](#).
- Direct students to the [Disaster Preparedness Overview](#) to extend their learning.

Post-Test Questions

1. Which of the following should you do to stay safe during an earthquake?
2. Which of the following are caused by earthquakes?
3. It's okay to stand in a doorway during an earthquake.
4. Complete the sentence: Drop, Cover, and _____!
5. What is the English word for this image?

BONUS: Explain the difference between an earthquake and an aftershock.

Wrap-Up/What Have Students Learned?

- Revisit the "I can" statements at the beginning of the lesson to determine what students have learned and what they can practice more on their own.



Instructor Reflection

- When did students struggle?
- When did students experience success?
- Where to continue for the next lesson?
- Other ideas for the future?

Disclaimer & References

Disaster Preparedness Copyright Hazard and Protective Actions Icons are used courtesy of FEMA and are available at <https://community.fema.gov/ProtectiveActions/s/protective-actions-icons>.

- [FEMA - Ready.gov](#) - [BE PREPARED FOR AN EARTHQUAKE](#) (ENG) [BE PREPARED FOR AN EARTHQUAKE \(SPN\)](#)
- [American Red Cross -Earthquake Preparedness Checklist](#) - [Earthquake Preparedness Checklist \(SPN\)](#)
- American Red Cross - [YouTube](#) Disaster Preparedness: Earthquakes / [YouTube](#) Preparación contra terremotos



Lesson: Earthquake Safety/La lección: Seguridad contra los terremotos

Pre-Test/Pre-evaluación

Name/Nombre _____

Date/Fecha _____

Instructions: Choose the correct answer./Instrucciones: Escoja la respuesta correcta.

1. Which of the following should you do to stay safe during an earthquake?
¿Cuál de estos debe hacer para mantenerse a salvo durante un terremoto?
 - A. Drop and cover.
 - B. Hold on.
 - C. Run outside.
 - D. A and B

2. Which of the following are caused by earthquakes?
¿Cuál de estos son causados por los terremotos?
 - A. Fires
 - B. Landslides
 - C. Tsunamis
 - D. All of the above

3. It's okay to stand in a doorway during an earthquake.
Está bien quedarse debajo de los marcos de las puertas durante un terremoto.
 - A. True
 - B. False

4. Complete this sentence: Drop, cover, and _____!
Complete esta frase: ¡Agáchese, cúbrase, y _____!





5. What is the English word for this image?
¿Cuál es la palabra en inglés para esta imagen?
 - A. Tornado
 - B. Hurricane
 - C. Earthquake
 - D. Wildfire











Lesson: Earthquake Safety/La lección: Seguridad contra los terremotos
 Vocabulary & Image Guide Sheet






The objectives/Los objetivos:

- Student will be able to use vocabulary and phrases related to earthquakes.
 - *El/la estudiante podrá usar el vocabulario y frases relacionados con los terremotos.*
- Student will be able to identify how to prepare, take action, and stay safe during an earthquake.
 - *El/la estudiante podrá identificar cómo preparar, tomar acción, y mantenerse a salvo durante un terremoto.*
- Student will be able to match target vocabulary and phrases with the correct image.
 - *El/la estudiante podrá emparejar el vocabulario y las frases con la imagen correcta.*

El inglés	La pronunciación	La pronunciación para hispanohablantes	El español	La foto
Earthquake	urth-kweyk	ertcueik	Terremoto	
Anywhere	en-ee-wair	eniuer	En cualquier lugar	
Anytime	en-ee-tahym	enitaim	En cualquier momento	
Aftershock	af-ter-shok	aftershak	Réplica	

El inglés	La pronunciación	La pronunciación para hispanohablantes	El español	La foto
No Warning	noh wawr-ning	no uarnin	Sin aviso	
Fires	fahyuhrs	faiers	Incendios	
Road damage	rohd dam-ij	roud deimech	Daños en la carretera	
Tsunamis	tsoo-nah-meez	sunamis	Tsunamis	
Landslides	land-slahydz	lenslaids	Deslizamientos de tierra	
Avalanches	av-uh-lanchez	avelanches	Avalanchas	

El inglés	La pronunciación	La pronunciación para hispanohablantes	El español	La foto
Drop	drop	drap	Agáchese	
Cover	kuhv-er	cavor	Cúbrase	
Hold On	hohld awn	jold an	Sosténgase	
Target Phrases/Frases Objetivas				
Take action.	teyk ak-shuhn	teik akshen	Toma Acción.	
Don't stand in a doorway.	dohnt stand en ey dohr-vey	Dont stand en ei doruei.	No se pare debajo de los marcos de las puertas.	

El inglés	La pronunciación	La pronunciación para hispanohablantes	El español	La foto
Don't run outside.	dohnt ruhn out-sahyd	Dont ran autsaid.	No corra afuera.	
If in bed, stay.	if en bed, stey.	Ef en bed, stei.	Si está en la cama quédese allí.	
If outside, stay.	if out-sahyd, stey.	Ef autsaid, stei.	Si está afuera quédese allí.	
If in a car, stop and stay.	if en ey kahr, stop uhnd stey.	Ef en ei car, stap an stei.	Si está en el carro deténgase y quédese allí.	
Use arms to protect your head and neck.	Yooz armz too pruh-tekt yoor hed and nek	Ius armz tu protect iur jed an nec	Use los brazos para protegerse la cabeza y el cuello.	

Lesson: Earthquake Safety / La lección: Seguridad contra los terremotos

Vocabulary Practice Worksheet

Instructions: Choose the word associated with the image. / *Escoja la palabra asociada con la imagen.*

1. 
 - A. Anytime
 - B. Earthquake
 - C. Hold on!
 - D. Landslide
2. 
 - A. Fires
 - B. Drop!
 - C. Earthquake
 - D. Anywhere
3. 
 - A. Cover!
 - B. Anytime
 - C. Landslides
 - D. Fires
4. 
 - A. Tsunamis
 - B. Earthquake
 - C. Drop!
 - D. Road damage
5. 
 - A. Hold on!
 - B. Cover!
 - C. Fires
 - D. Landslides
6. 
 - A. Drop!
 - B. Road damage
 - C. Fires
 - D. Earthquake
7. 
 - A. Anytime
 - B. Landslides
 - C. Cover!
 - D. Anywhere
8. 
 - A. Fires
 - B. Hold on!
 - C. Tsunamis
 - D. Landslides
9. 
 - A. Cover!
 - B. Hold on!
 - C. Earthquake
 - D. Fires
10. 
 - A. Cover!
 - B. Tsunamis
 - C. Road damage
 - D. Anytime

Part B. Draw a line to complete the sentences. / *Raya una línea para completar las oraciones.*

- | | | | |
|-----|--|--------------------------------------|--------------------------------|
| 11. | | Don't stand in | A. run outside. |
| 12. | | Don't | B. a doorway. |
| 13. | | Use arms to | C. outside. |
| 14. | | If in a _____, stop and stay. | D. bed |
| 15. | | If in _____, stay. | E. protect your head and neck. |
| 16. | | If _____, stay. | F. car |


Lesson: Earthquake Safety/La lección: Seguridad contra los terremotos


Vocabulary Practice Answer Key


Instructions: Choose the word associated with the image./Escoja la palabra asociada con la imagen.


- | | | | | | |
|----|---|--|-----|--|---|
| 1. |  | <p>A. Anytime
 B. Earthquake
 C. Hold on!
 D. Landslide</p> | 6. |  | <p>A. Drop!
 B. Road damage
 C. Fires
 D. Earthquake</p> |
| 2. |  | <p>A. Fires
 B. Drop!
 C. Earthquake
 D. Anywhere</p> | 7. |  | <p>A. Anytime
 B. Landslides
 C. Cover!
 D. Anywhere</p> |
| 3. |  | <p>A. Cover!
 B. Anytime
 C. Landslides
 D. Fires</p> | 8. |  | <p>A. Fires
 B. Hold on!
 C. Tsunamis
 D. Landslides</p> |
| 4. |  | <p>A. Tsunamis
 B. Earthquake
 C. Drop!
 D. Road damage</p> | 9. |  | <p>A. Cover!
 B. Hold on!
 C. Earthquake
 D. Fires</p> |
| 5. |  | <p>A. Hold on!
 B. Cover!
 C. Fires
 D. Landslides</p> | 10. |  | <p>A. Cover!
 B. Tsunamis
 C. Road damage
 D. Anytime</p> |


Part B. Draw a line to complete the sentences./*Raya una línea para completar las oraciones.*


11.  **Don't stand in** A. run outside.
B. a doorway.

12.  **Don't** B. a doorway.
A. run outside.

13.  **Use arms to** C. outside.
E. protect your head and neck.

14.  **If in a _____, stop and stay.** D. bed
F. car

15.  **If in _____, stay.** E. protect your head and neck.
D. bed

16.  **If _____, stay.** F. car.
C. outside.



Lesson: Earthquake Safety/La lección: Seguridad contra los terremotos

Post-Test/Post-evaluación

Name/Nombre _____

Date/Fecha _____

Instructions: Choose the correct answer./Instrucciones: Escoja la respuesta correcta.

1. Which of the following should you do to stay safe during an earthquake?
¿Cuál de estos debe hacer para mantenerse a salvo durante un terremoto?
 - A. Drop and cover.
 - B. Hold on.
 - C. Run outside.
 - D. A and B
2. Which of the following are caused by earthquakes?
¿Cuál de estos son causados por los terremotos?
 - A. Fires
 - B. Landslides
 - C. Tsunamis
 - D. All of the above
3. It's okay to stand in a doorway during an earthquake.
Está bien quedarse debajo de los marcos de las puertas durante un terremoto.
 - A. True
 - B. False
4. Complete this sentence: Drop, cover, and _____!
Complete esta frase: ¡Agáchese, cúbrase, y _____!
5. What is the English word for this image?
¿Cuál es la palabra en inglés para esta imagen?
 - A. Tornado
 - B. Hurricane
 - C. Earthquake
 - D. Wildfire



BONUS: Explain the difference between an earthquake and an aftershock.

Explique la diferencia entre un terremoto y una réplica.



Lesson: Earthquake Safety/La lección: Seguridad contra los terremotos

Test Answer Key

Name/Nombre _____

Date/Fecha _____

Instructions: Choose the correct answer./Instrucciones: Escoja la respuesta correcta.

1. Which of the following should you do to stay safe during an earthquake?
¿Cuál de estos debe hacer para mantenerse a salvo durante un terremoto?
A. Drop and cover.
B. Hold on.
C. Run outside.
D. **A and B**
2. Which of the following are caused by earthquakes?
¿Cuál de estos son causados por los terremotos?
A. Fires
B. Landslides
C. Tsunamis
D. **All of the above**
3. It's okay to stand in a doorway during an earthquake.
Está bien quedarse debajo de los marcos de las puertas durante un terremoto.
A. True
B. **False**
4. Complete this sentence: Drop, cover, and **Hold on!**
*Complete esta frase: ¡Agáchese, cúbrase, y **sosténgase!***
5. What is the English word for this image?
¿Cuál es la palabra en inglés para esta imagen?
A. Tornado
B. Hurricane
C. **Earthquake**
D. Wildfire



BONUS: Explain the difference between an earthquake and an aftershock.

Explique la diferencia entre un terremoto y una réplica.

An aftershock is a smaller earthquake that comes after the mainshock.

Lesson: Earthquake Safety / La lección: Seguridad contra los terremotos
Information Sheet

Earthquake Fact Sheet



Earthquakes are the sudden, rapid shaking of the earth which are followed by aftershocks or smaller earthquakes.



NO WARNING



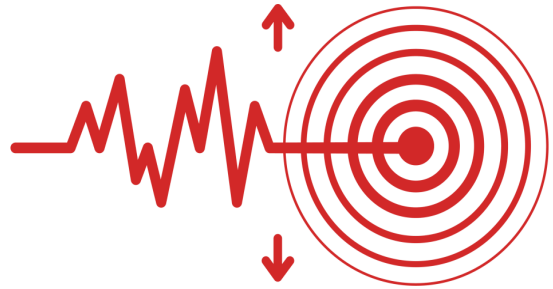
WHERE do earthquakes occur?
Anywhere in the United States








HOW LONG do earthquakes last?
Seconds to minutes



WHEN do earthquakes occur?
Anytime



Earthquake Dangers

				
Fire	Landslides	Tsunamis	Avalanches	Road damage

♦ Most deaths occur when people fall while trying to run or when hit by falling debris.

Lesson: Earthquake Safety / *La lección: Seguridad contra los terremotos*
Information Sheet

Earthquake Safety Sheet



PREPARE!



Alerts



Plan



Supply Checklist



Supply Kit



TAKE ACTION!

 DROP	 COVER	 HOLD ON	 Use arms to protect your head and neck.
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STAY SAFE!

Don't stand in a doorway.	Don't run outside.	If in a car, STOP & STAY.	If in bed, STAY.	If outside, STAY.

Lesson: Earthquake Safety / La lección: Seguridad contra los terremotos
 Hoja informativa

Hoja informativa sobre los terremotos



Los terremotos son la sacudida repentina y rápida de la tierra que son seguidos por réplicas, terremotos más pequeñas.



SIN AVISO



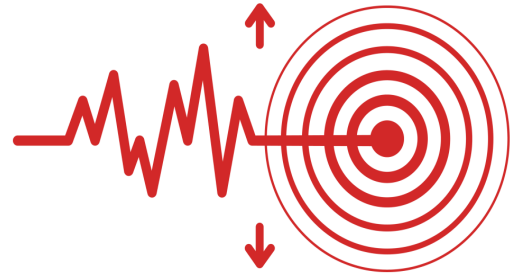
¿DÓNDE ocurren los terremotos?
 En cualquier lugar








¿CUÁNTO tiempo duran los terremotos?
 Segundos a minutos



¿CUÁNDO ocurren los terremotos?
 En cualquier momento



Peligros de los terremotos

				
Incendios	Deslizamientos de tierra	Tsunamis	Avalanchas	Daños en la carretera

♦ **La mayoría de las muertes ocurren cuando las personas se caen mientras intentando caminar/correr durante un temblor o cuando son golpeadas por escombros que caen.**

Seguridad contra los terremotos



¡Prepárate!



Alertas



Plan



Lista de suministros



Kit de suministros



¡Toma acción!

 DROP	 COVER	 HOLD ON	 Use los brazos para protegerse la cabeza y el cuello.
Agáchese	Cúbrase	Sosténgase	

¡Manténgase seguro!

No se pare debajo de los marcos de las puertas.	No corra afuera.	Si está en el carro deténgase y quédese allí.	Si está en la cama quédese allí.	Si está afuera quédese allí.

STAT
Short Targeted and Timely







STAT

Short Targeted and Timely



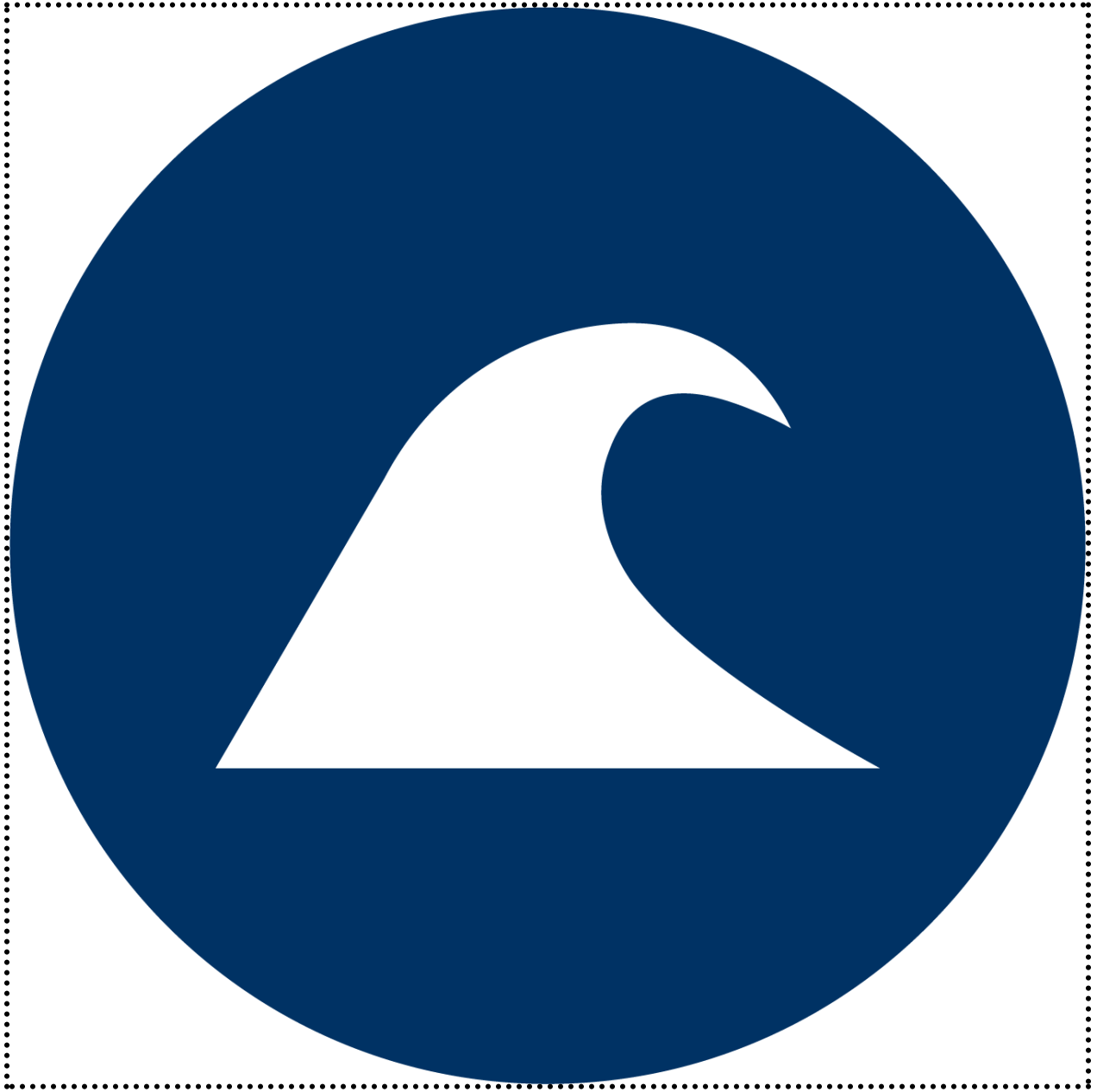




STAT

Short Targeted and Timely





STAT

Short Targeted and Timely



STAT

Short Targeted and Timely





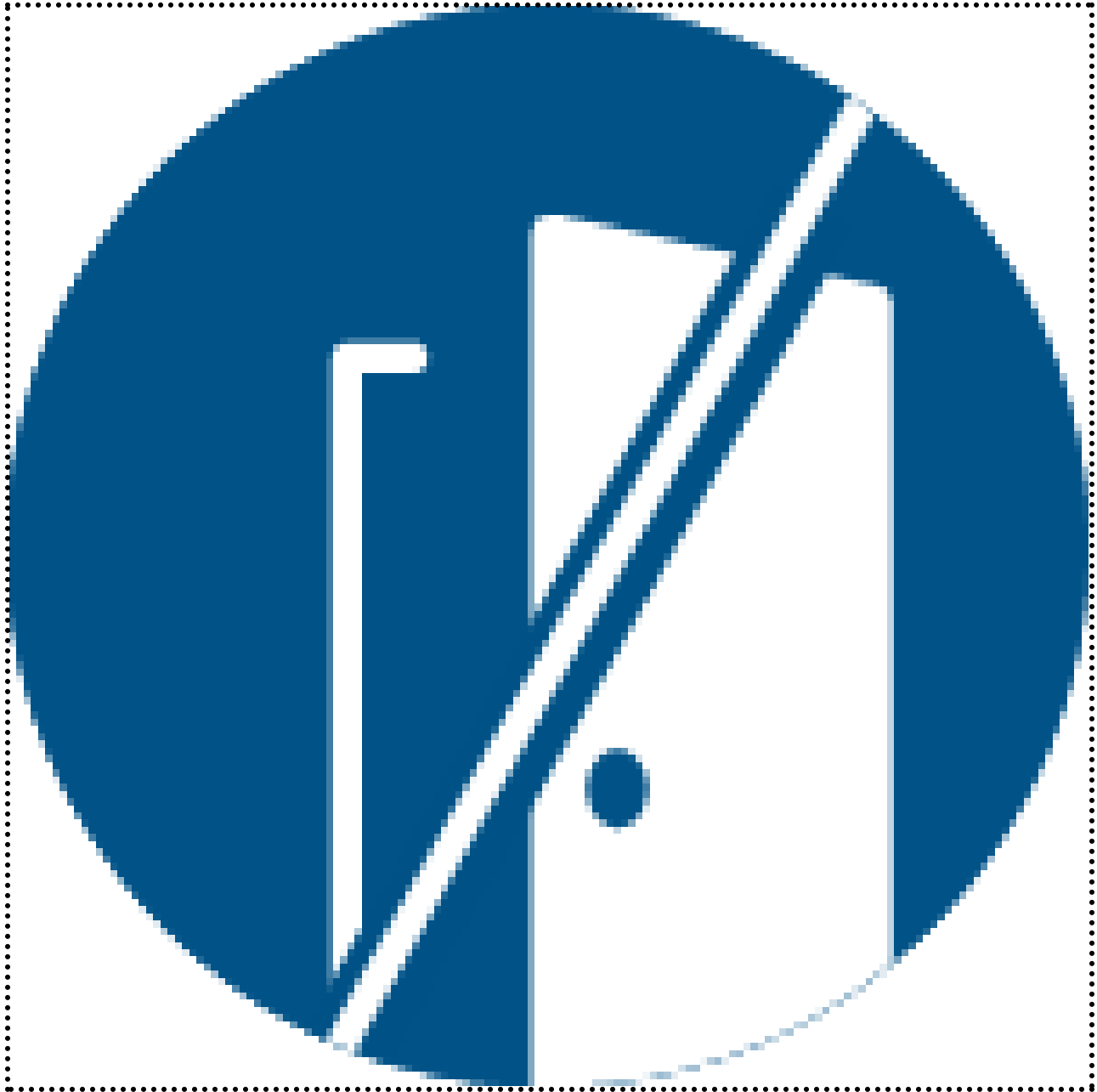






STAT

Short Targeted and Timely



STAT

Short Targeted and Timely



STAT
Short Targeted and Timely



STAT
Short Targeted and Timely



STAT
Short Targeted and Timely



