Carrying weight



EAE Learning objectives for this lesson

Learn about comparatives and superlatives.
Practice your listening comprehension and dialogues.

Introduction – **Questions and Answers**

With your partner or teacher, ask and answer the questions below

1) Do you work in a nice building?
2) Is there a nicer building nearby?
3) What's the nicest building that you know?
4) Which is better, the Eiffel Tower or the Statue of Liberty? Why?
5) Which bridge can carry more weight, the Tower Bridge in London or the Golden Gate Bridge in San Francisco?
6) What is the strongest geometric shape?

Activity One – **Listening comprehension**

History and Testing Shapes of Strength for Buildings
https://www.teachengineering.org/activities/view/cub_intro_lesson01_activity1

1. Which shapes carried the most weight?
2. How much weight did it carry?
3. What were the other shapes used?
4. What shapes are useful in your job?
5. What is the strongest geometric shape and why?



Activity Two – **Comparatives and Superlatives**

Let's read about forming comparatives and superlatives in English

Comparatives: Comparing two things.
Subject + to be + comparative + than + noun.
If the comparative is a short word with one or two syllables we add ER to the ending.
The triangle is stronger than the square.
The square is weaker than the triangle.

If the comparative has more than 2 syllables than we use LESS or MORE
Subject + to be + more/less adjective + noun.
The triangle is more beautiful than the square.
The square is less beautiful than the triangle.



Superlatives: Expressing the maximum of an adjective.
1-2 syllables: Subject + to be + the + adjective (ending in EST)
This building is the strongest building!

3+ syllables: Subject + to be + the + most/least + adjective
This building is the most beautiful!
This building is the least expensive.

Notice that there are irregular comparatives and superlatives.

Adjective/ Comparative / Superlative

Good / better / best
Bad / worse / worst
Little / less / least
Much / more /most
Far / farther / farthest

Activity Three – Gap Fill

Fill in the gaps with comparatives or superlatives.



1) The building is _____(tall) than its neighbor.
2) The bridge is _____(short) than before.
3) The road is _____(long) than I remember.
4) The city is much _____(big) than 4 years ago.
5) This project is the _____(bad).
6) The new office building is _____(beautiful) than the old one.
7) I think the design for the bridge _____ (expensive) than the competitor's design.
8) When will we see a _____(good) proposal?
9) The triangles is the _____(strong) shape.
10) _____(you make the sentence)
11) _____(you make the sentence)
12) _____(you make the sentence)

Activity four – Vocabulary

Watch the video and tick the words you hear from the list below.

The Strongest Shape is a Structure
https://www.youtube.com/watch?v=Vqspp8MG1m0

To collapse
Structure
To hold the weight
Support
Strength
Many little triangles
A shape
The most

Activity Five- Listening Comprehension

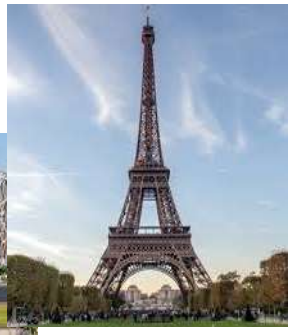
Watch the video: How was the Eiffel Tower Built?
https://www.youtube.com/watch?v=9W8qkf96Hp8

1. What material was used in the Eiffel Tower?
2. How tall is the Eiffel Tower?
3. Was it the tallest structure of its time?
4. What was significant about the Eiffel Tower?
5. Was the Eiffel Tower supposed to stay forever?
6. What shapes do we see in the structure?

Activity Six – Compare

Can you compare the photographs using comparatives and superlatives?






Activity Seven – Gap fill song

Beatles Song 'Carry that Weight'
https://www.youtube.com/watch?v=6B224XDJw6g
https://www.azlyrics.com/lyrics/beatles/carrythatweight.html

Fill the Gaps

"Carry That Weight"

Boy, you're going to carry that _____,
Carry that _____ a long time
Boy, you're going to carry that weight
Carry that weight a long time



I never give you my pillow
I only send you my invitations
And in the middle of the celebrations
I _____

Boy, you're going to carry that weight
_____ that weight a long time
Boy, you're going to carry that weight
Carry that weight a long time

Activity Eight – Role plays

Act out the following role plays with your teacher:

A) You are giving a presentation about Tower Bridge in London. Invent facts if you have to.
How much weight can it hold? How many cars and trucks cross it every day? Talk about its design.

B) You are with a friend in the elevator of the Eiffel Tower. Talk about the different levels of the tower as you go up. How tall is it? How many people climb its stairs and ride its elevator every day? Talk about the view from the top.

C) Design proposal. You have to present a building design to the president of a development company. You need to speak about the building materials, the structure, parking, the rooftop bar, and the commercial space. Can your building stay standing during an earthquake?

