

SKYSCRAPERS - KEY

1. When and where did the first skyscrapers appear ? **end of the 19th century in Chicago and New York**
2. Name the two sections or parts of a skyscraper ? **foundation below the ground, superstructure above the ground**
3. How is the space in skyscrapers used ? **apartments, shops, restaurants, offices, hotels**
4. What systems must be installed inside a skyscraper ? Name a few : **electricity, elevators, corridors, heating systems, air conditioning**
5. What material is used to build skyscrapers ? **steel and concrete**
6. What must a skyscraper be able to withstand ? **strong winds**
7. Why was it almost impossible to build tall structures before the Industrial Revolution ? **bricks and stone walls could not carry much weight**
8. Who invented the elevator ? **Otis**
9. When was the Empire State Building constructed? How many stories does it have and how tall is it ? **completed in 1932, 381 metres high, 102 stories**
10. What happened to the World Trade Centre ? **it was destroyed by two jet planes in 2001**
11. What was it a symbol of ? **economic strength of New York and America**
12. What nickname did the World Trade Centre have ? **Twin Towers**
13. Which skyscraper is the tallest at the moment ? In which country is it located ? **Burj Khalifa , Dubai**
14. What do experts say about the future of skyscrapers ? How high can they get ? **different opinions, lighter and stronger materials needed, heights of 1000 metres possible**