

SKYSCRAPERS - KEY

1. When and where did the first skyscrapers appear ? **in Chicago at the end of the 19th century**
2. Name the two sections or parts of a skyscraper . **foundation and superstructure**
3. What are the main materials that skyscrapers are made of ? **steel, concrete**
4. How is the frame of a skyscraper built ? **cranes are used to raise the frame; frame pieces are bolted together**
5. What does a skyscraper have to offer people ? **shops, restaurants, office space, hotels, apartments**
6. What other systems must be installed in a skyscraper ? **corridors, air conditioning, heating, electricity, elevators, communication**
7. What do drainage systems do ? **transport dirty, waste water away from the building**
8. Why was it almost impossible to build tall buildings before the Industrial Revolution? **building material were bricks and stones; they couldn't carry the weight of a tall building**
9. Who invented the elevator ? **Otis in 1853**
10. Why were skyscrapers important at the beginning of the 20th century? **More people could live and work there because space was getting rare and cities were getting bigger**
11. When was the Empire State Building built ? How many stories does it have and how tall is it ? **completed in 1932; 102 stories ; 381 metres high**
12. What happened to the World Trade Center ? **was destroyed during the 9/11 terror attacks**
13. What was it a symbol of? **The economic strength of New York and America**
14. On which continent can we find the world's tallest buildings today ? **Asia**
15. What do experts say about the future of skyscrapers ? How high can they get ? **up to 1,000 metres with the use of lighter materials**
16. Which structure is currently the tallest in the world ? **Burj Khalifa in Dubai**