

# SKYRORA'S ONLINE QUIZ: SATELLITES IMPROVE LIFE



1. In what year was Skyrora founded?
2. How many production facilities does Skyrora have in the UK?
3. How many rockets does Skyrora have in their rocket suite?
4. What is Skyrora's purpose behind building these rockets?
5. How many times has Skylark Nano been launched?
6. Where was Skylark Micro launched from?
7. When does Skyrora plan to launch their suborbital launch vehicle, Skylark L?
8. Where did the inspiration for Skyrora's orbital launch vehicle, Skyrora XL come from?
9. How many kilograms of payload can our orbital vehicle, Skyrora XL launch to orbit?
10. What is the name of Skyrora's rocket fuel alternative derived from plastic waste?
11. The moon is a satellite: TRUE or FALSE
12. In what year did artificial satellites begin to be launched into space?
13. How does a satellite enhance a TV signal?

14. How many main types of satellites are there?
15. What do you call the main platform in a satellite that contains all the important systems?
16. What are the two main components of a communications satellite?
17. What is the main purpose of most remote sensing satellites?
18. Name three uses of a navigation satellite (PNT)
19. Why is low Earth orbit (LEO) the most used orbit for satellites?
20. How long does it take for a satellite in LEO to orbit Earth?
21. Name two notable medium Earth orbits (MEO)
22. Which type of medium Earth orbit is most useful for communications in the far North and South?
23. To the nearest thousand, how many kilometres must a satellite be from Earth for its orbit to match Earth's rotation?
24. How long is the orbital period of a satellite in geosynchronous orbit?
25. What is the definition of a pseudo satellite?
26. Name two target applications of a pseudo satellite
27. Satellite ground stations are located on only the Earth's surface: TRUE OR FALSE
28. How is a telecommunications link established?
29. Do polar orbiting satellites orbit in a path that closely follows the Earth's line of  
A – Longitude      B – Latitude?
30. Name four (4) reasons for the importance of satellites

