LISTEN TO THE AUDIO AND PLACE THE RIGHT WORDS IN

Article 3. Global Positioning System (GPS)

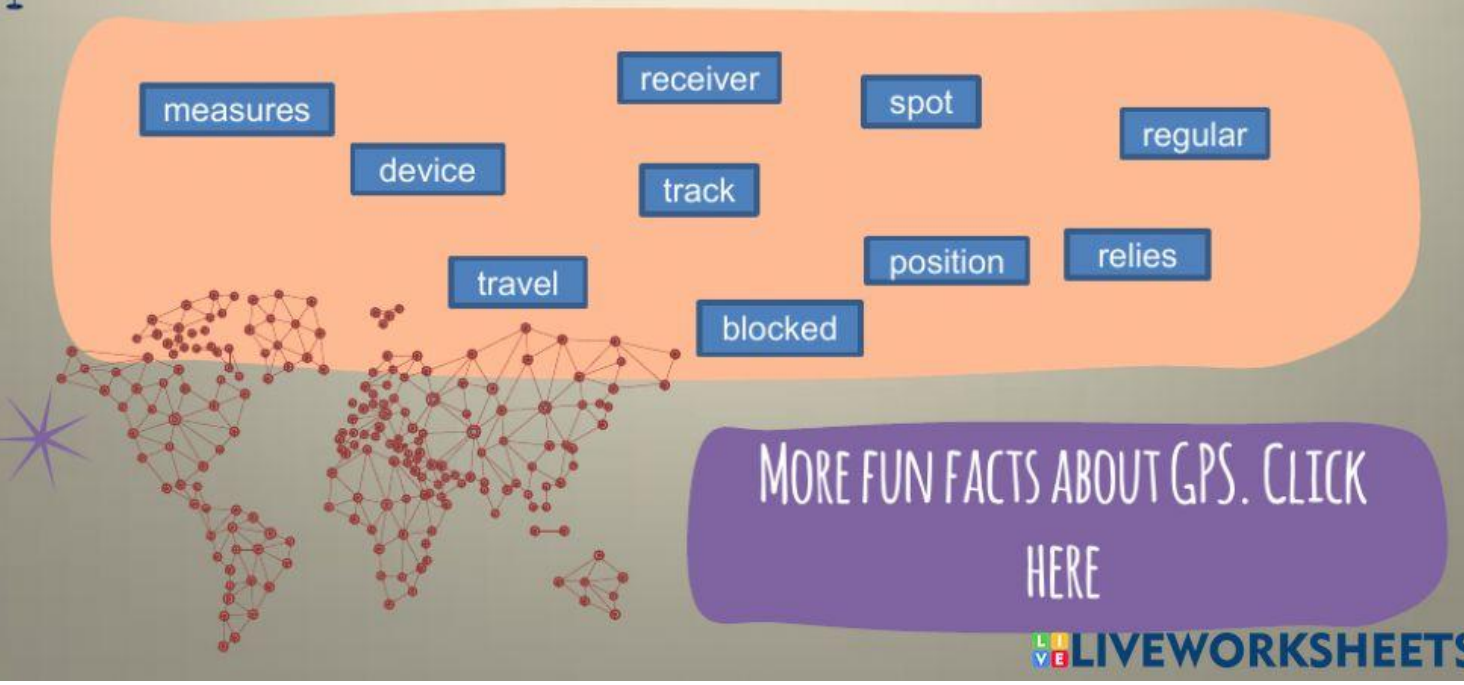
This is a system that can _____ location by using satellites in space and receivers on Earth. These satellites send out _____ signals that can be detected on Earth. Any _____ with a GPS _____ can receive these signals.

A GPS receiver _____ how long it takes for signals from different satellites to hit it. Once the GPS receiver knows its own _____ it can place that location on a map. Then, the map can use the location information to calculate how to get from that _____ wherever a person wants to go.

The system _____ on stations on Earth to communicate with the satellites. These stations track each satellite's location in space and the health of its batteries. They can also change a satellite's position around the Earth.

Lots of things now have GPS receivers inside, including smartphones, cars and even dog collars. People put GPS receivers on anything they want to find if it gets lost, or to _____ to a new place. But they will not help you if you are inside a building. GPS signals are very weak. They can be _____ by mountains or buildings.

sciencenewsforstudents.org/article/scientists-say-gps



MORE FUN FACTS ABOUT GPS. CLICK HERE