

# Time Zones

The aim of this activity is to learn about time zones around the world and the use of Universal Coordinated Time (UTC) by speaking to amateur radio operators in different countries.



About 10 minutes per each child in the class



## Kit List

- BrandMeister DMR handheld
- Spreadsheet with the zones ready
- Map of the world with the time zones ([Time zone - Wikipedia](#))



## Instructions

The website [www.timeanddate.com/time/map/](http://www.timeanddate.com/time/map/) shows the time zones across the world. For example, if you hear an American voice, say W2OQZ, he is from New Jersey and is in time zone -5.

Your amateur radio operator will show who is operating at the moment and what country they are from.

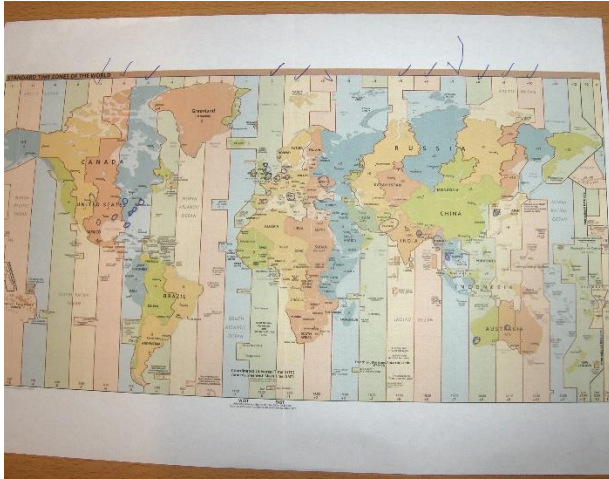
The licensed operator will connect their radio to the Brandmeister digital radio network and the worldwide talk group. They will do this by calling 'CQ', which means 'is there anyone on this channel who would like to talk to me?' Only amateur radio licensed operators are allowed to transmit on the radio, but you are allowed to send a message under their supervision.



Once you make contact with someone, find out their name, call sign and location.

Ask them what the actual time is in their country.

Tick that time zone on the world map. Continue to call CQ and make as many contacts around the world as possible.



### Next Steps

All the countries in the world use UTC to avoid confusion. Find out about Greenwich Mean Time and how it was adopted worldwide.

<https://www.timeanddate.com/time/time-zones-history.html>

<https://www.timeanddate.com/time/aboututc.html>

Which countries have the greatest number of time zones?

[https://en.wikipedia.org/wiki/List\\_of\\_time\\_zones\\_by\\_country](https://en.wikipedia.org/wiki/List_of_time_zones_by_country)

Find out why we change the clocks twice a year.