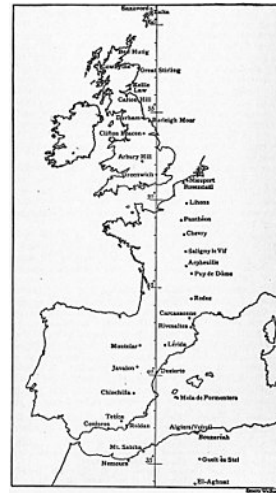


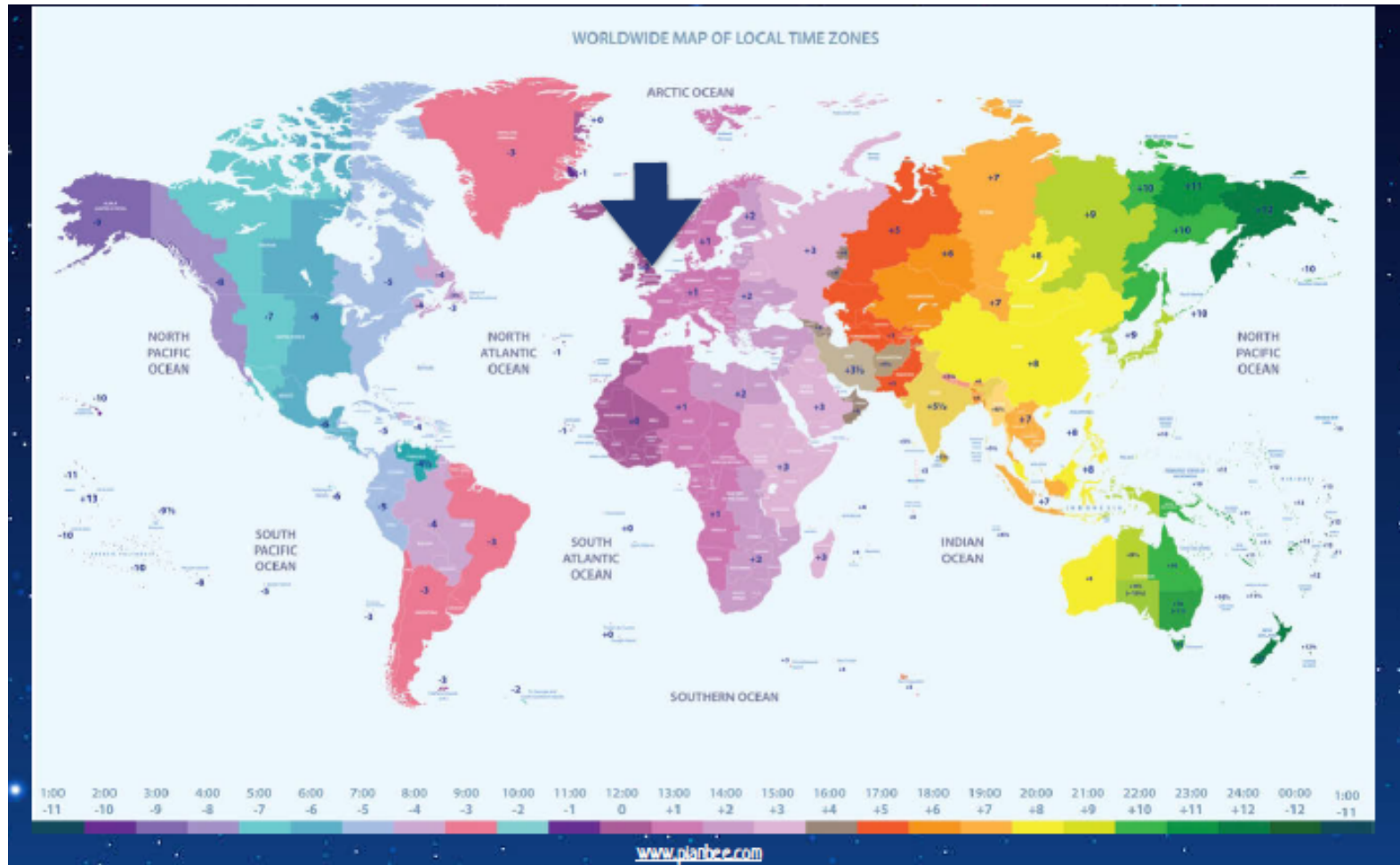
**Who has ever had jet lag after a long flight somewhere abroad?**

ESD? Time zones all relate to an agreed-on place: The prime meridian line ( $0^{\circ}$  longitude) in Greenwich, London, UK.

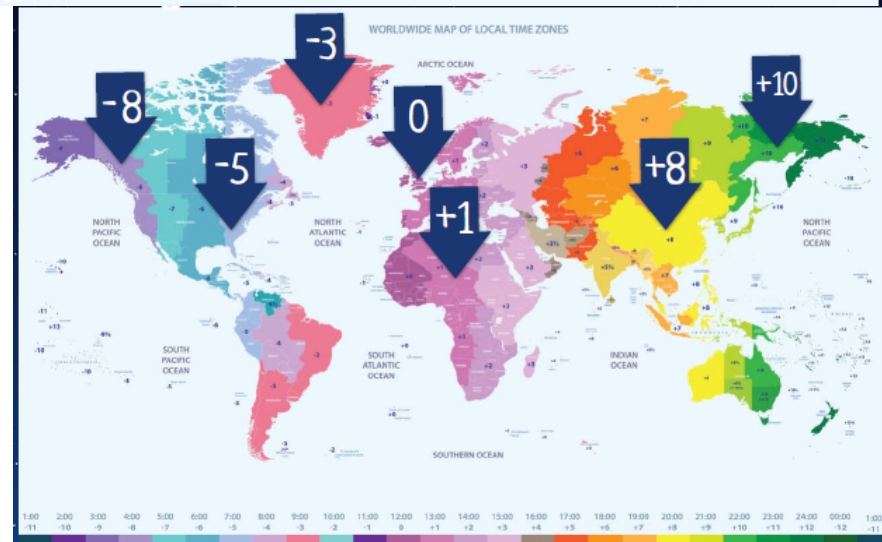


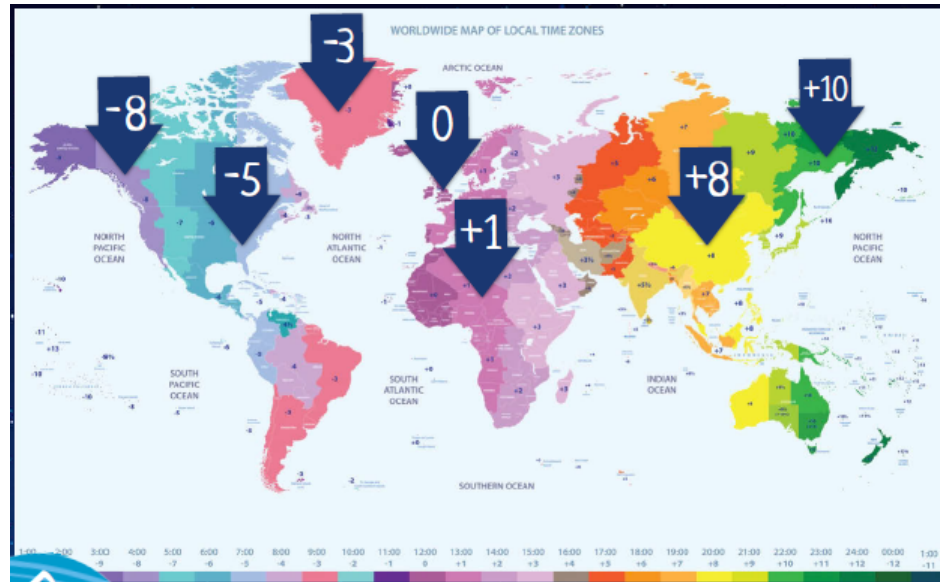
**Began in 1884**

**But wasn't fully  
official around  
the world until  
1956**



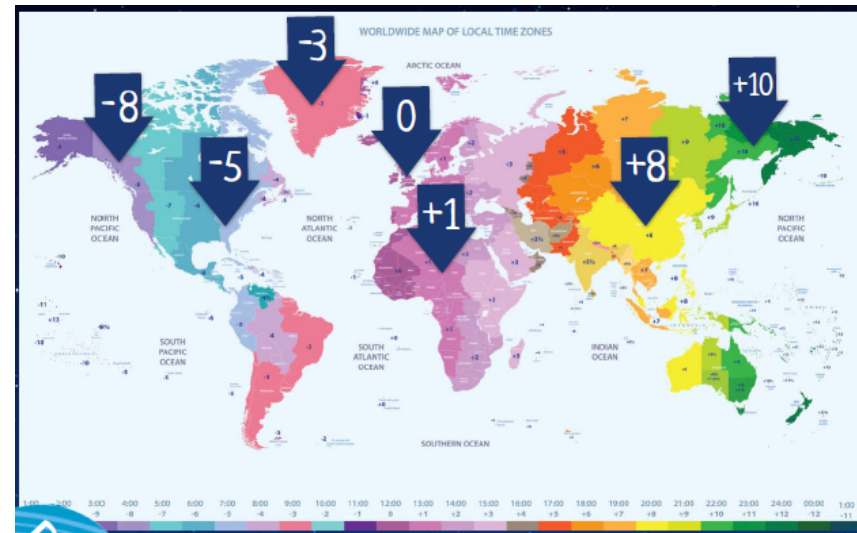
This time zone is referred to as Coordinated Universal Time (UTC). Other time zones are usually increasing or decreasing increments of an hour from this location.





**Most of Greenland is UTC -3, so what time will it be there when it is 4pm in the UK?**















Japan is UTC+9, so  
what time will it be  
in Japan when it is  
9am in the UK?





# Time Zones

Using the sheet on the website and the information you have been given during our lesson. Can you work out what time it is in London and other places around the world. Don't forget to also include the time on the clock too.

|   |                 |                         |   |
|---|-----------------|-------------------------|---|
|  | London<br>06:00 | Rio de Janeiro<br>_____ |  |
|  | London<br>10:15 | New York<br>_____       |  |
|  | London<br>07:50 | Washington<br>_____     |  |
|  | London<br>21:30 | Edinburgh<br>_____      |  |
|  | London<br>14:22 | Milan<br>_____          |  |
|  | London<br>_____ | Helsinki<br>14:00       |  |
|  | London<br>_____ | Sydney<br>18:30         |  |

## GMT Time Around the World

| City         | Time      |
|--------------|-----------|
| Amsterdam    | + 01.00   |
| Athens       | + 02.00   |
| Bangkok      | + 07.00   |
| Beijing      | + 08.00   |
| Bonn         | + 01.00   |
| Buenos Aires | - 03.00   |
| Beirut       | + 02.00   |
| Chicago      | - 05.00   |
| Canberra     | + 10.00   |
| Cairo        | + 02.00   |
| Edinburgh    | GMT / WET |
| Frankfurt    | + 01.00   |

| City        | Time      |
|-------------|-----------|
| Gothenburg  | + 01.00   |
| Helsinki    | + 02.00   |
| Hong Kong   | + 08.00   |
| Islamabad   | + 05.00   |
| Istanbul    | + 03.00   |
| Kuwait      | + 03.00   |
| Los Angeles | - 08.00   |
| Lisbon      | GMT / WET |
| Milan       | + 01.00   |
| Montreal    | - 05.00   |
| Moscow      | + 03.00   |
| New York    | - 05.00   |

| City           | Time    |
|----------------|---------|
| Oslo           | + 01.00 |
| Paris          | + 01.00 |
| Rome           | + 01.00 |
| Rio de Janeiro | - 03.00 |
| Riyadh         | + 03.00 |
| Sydney         | + 10.00 |
| Singapore      | + 08.00 |
| Seoul          | + 09.00 |
| Toronto        | - 05.00 |
| Vienna         | + 02.00 |
| Washington     | - 05.00 |
| Wellington     | + 12.00 |