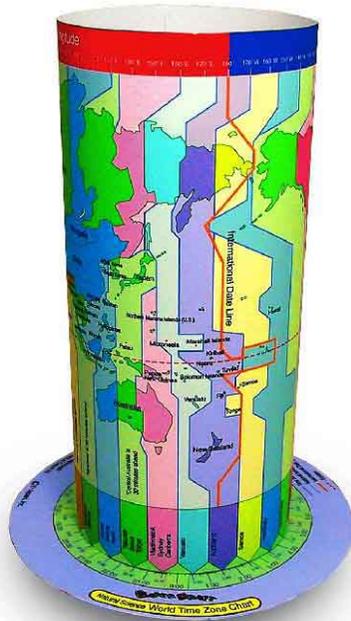


3D PAPER CRAFT

[Natural Science Series]

World Time Zone Chart



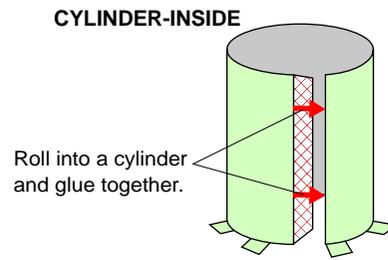
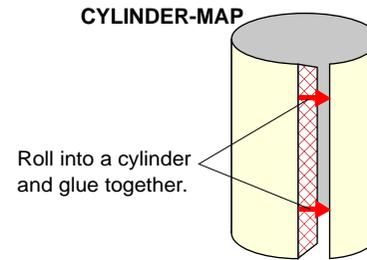
The Earth we live on rotates once every 24 hours. Long ago, each country or region had their own time system. As people began to interact more and more with people in different parts of the world, it became necessary to develop a unified system.

To that end, a meeting called the International Meridian Conference was held in 1884 in Washington, D.C. As a result of that meeting, the meridian running through the Royal Observatory Greenwich in London, England was designated as the Prime Meridian, assigned a longitude of 0°. A system of standard time was also established. The world was divided into 24 sections, with each region assigned a standard time one hour later than the previous region, in the direction of the Earth's rotation.

By rotating this world time zone chart, you can see what time it is in different cities and countries around the world.

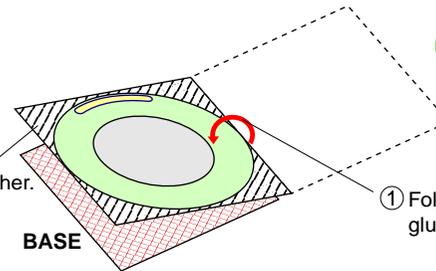
Directions

1 Build the CYLINDER



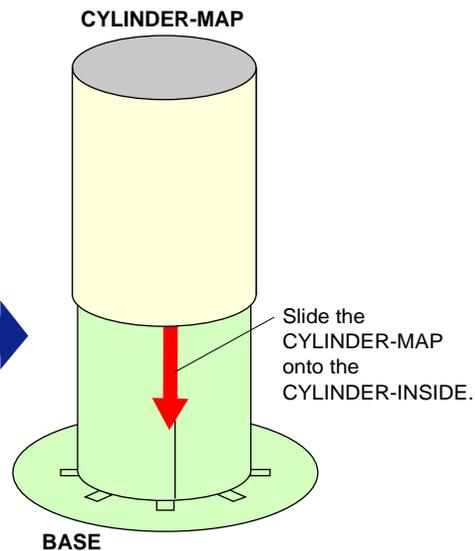
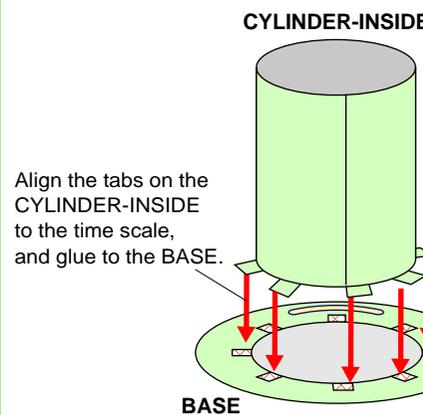
2 Build the BASE

② Cut away the shaded area after gluing together.



① Fold in half and glue together.

3 Put it all together

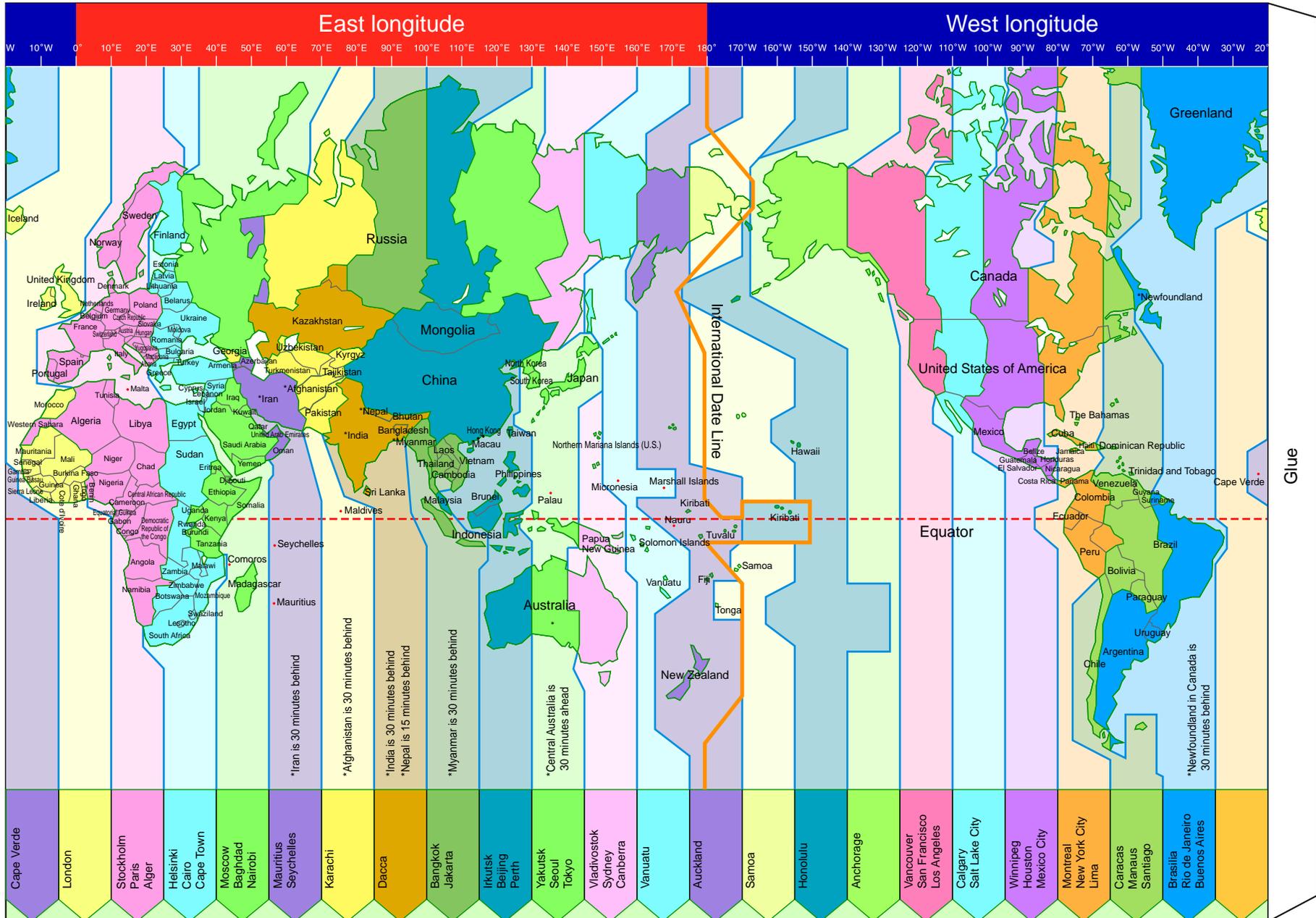


BASE

BASE

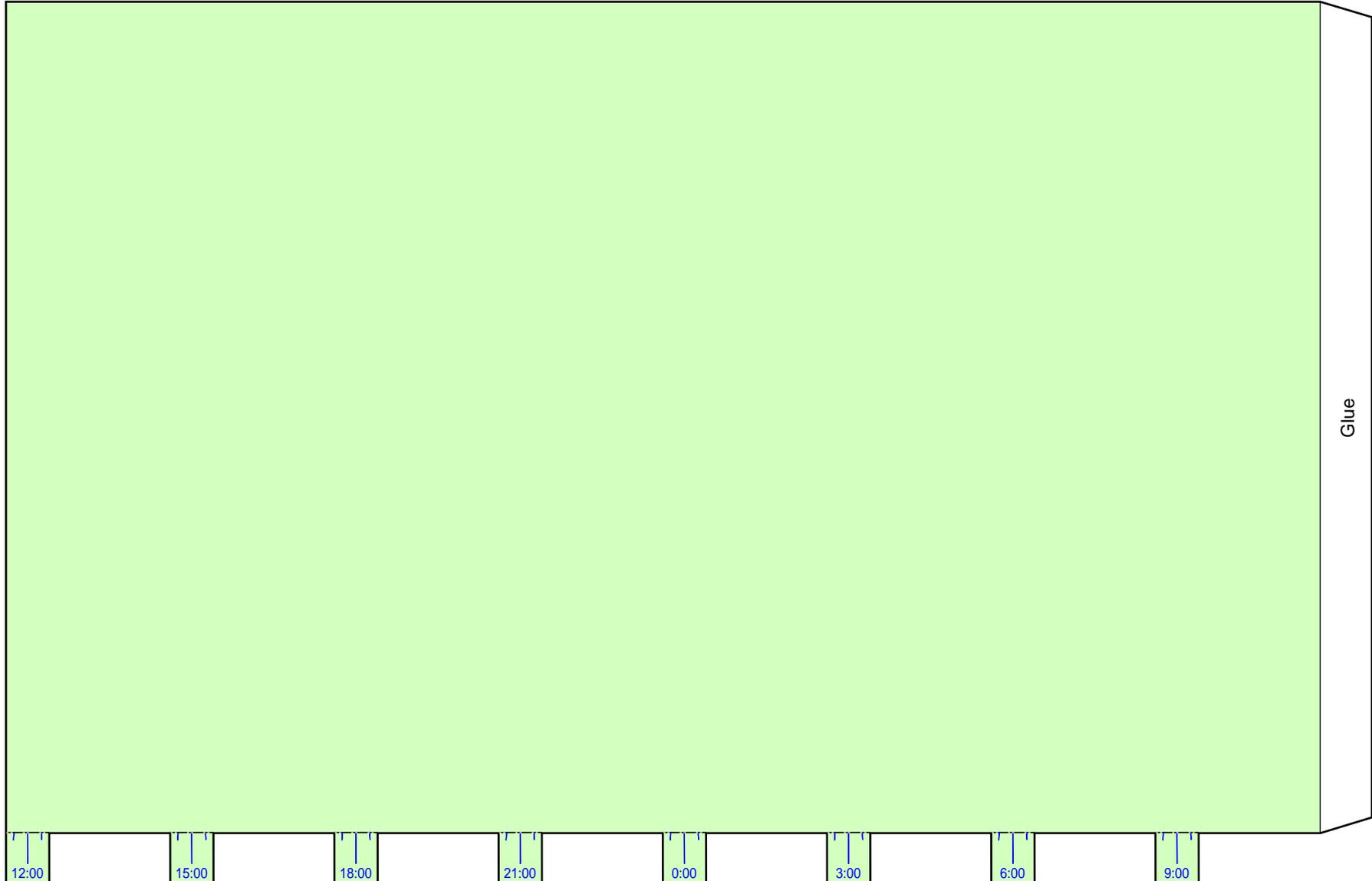
- Cut line
- - - Mountain fold
- · - · - Valley fold

CYLINDER-MAP



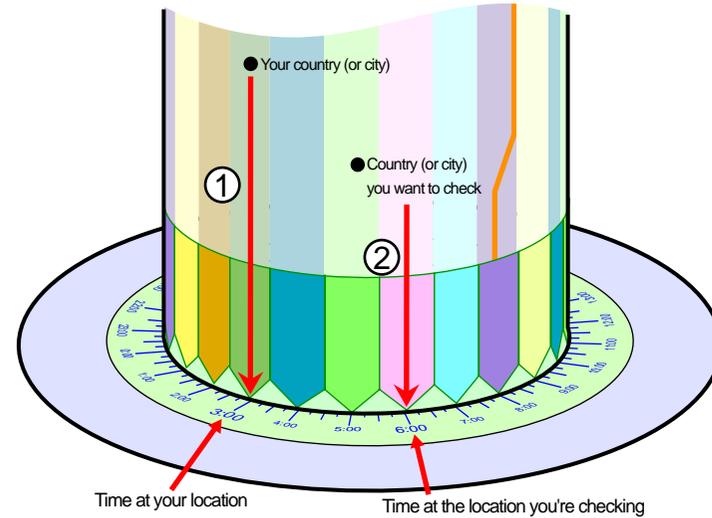
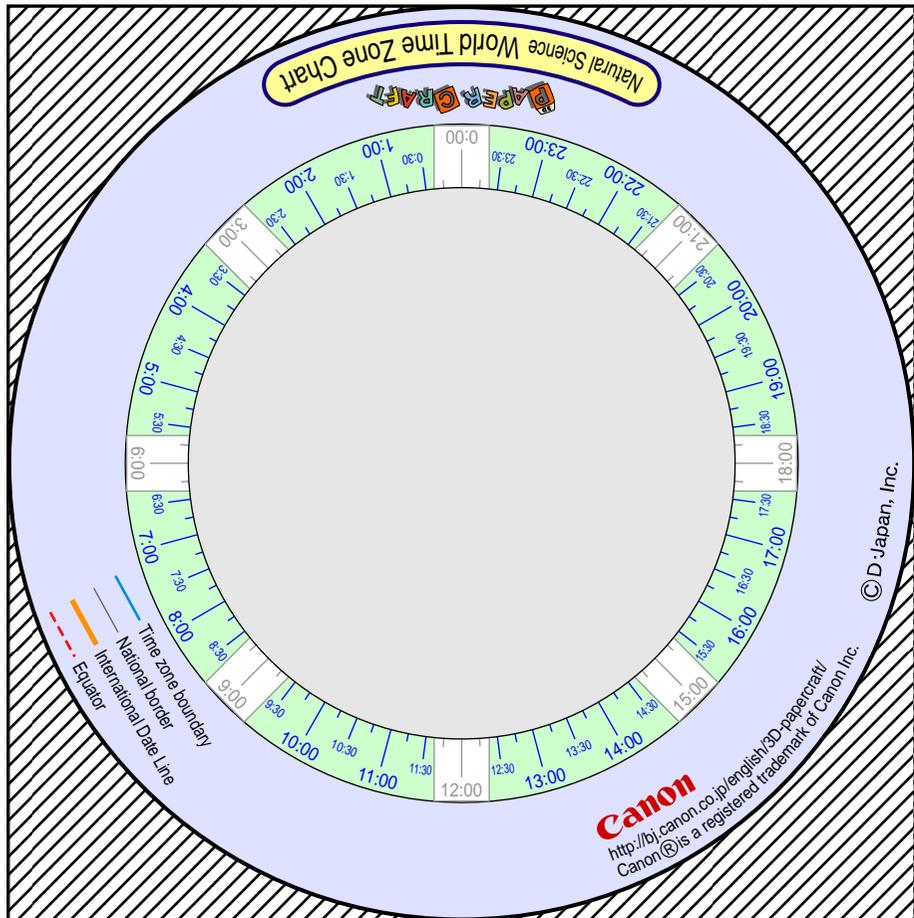
- Cut line
- - - Mountain fold
- · - · Valley fold

CYLINDER-INSIDE



- Cut line
- - - - Mountain fold
- · - · - Valley fold

BASE



Time scale:

- 1) Rotate the map cylinder to align your location with the time at your location.
 - 2) Look at the time scale to read the time at the location you want to check.
- Note: some locations have "summer time" or "daylight savings time" in the summer.

International Date Line:

When crossing the International Date Line from east longitude to west longitude, the date goes back one day. When crossing from west to east, the date advances one day.