

Cartography

History of Mapping
Doç. Dr. Erkan Yılmaz

BC

Pomponius Mela Map (43)

Marinus of Tyre (120)

Ptolemy Map (150)

Tabula Peutingeriana (4. c)

Augustus' Map (6th century)

Isidore's *T and O* map (c. 636)

Mappa Mundi (8th century)

Al-Idrisi's map (10th century)

Orton World Map (c. 1040)

Matthaeus Mappa Mundi (1050)

Al-Kashgari's Map (1072)

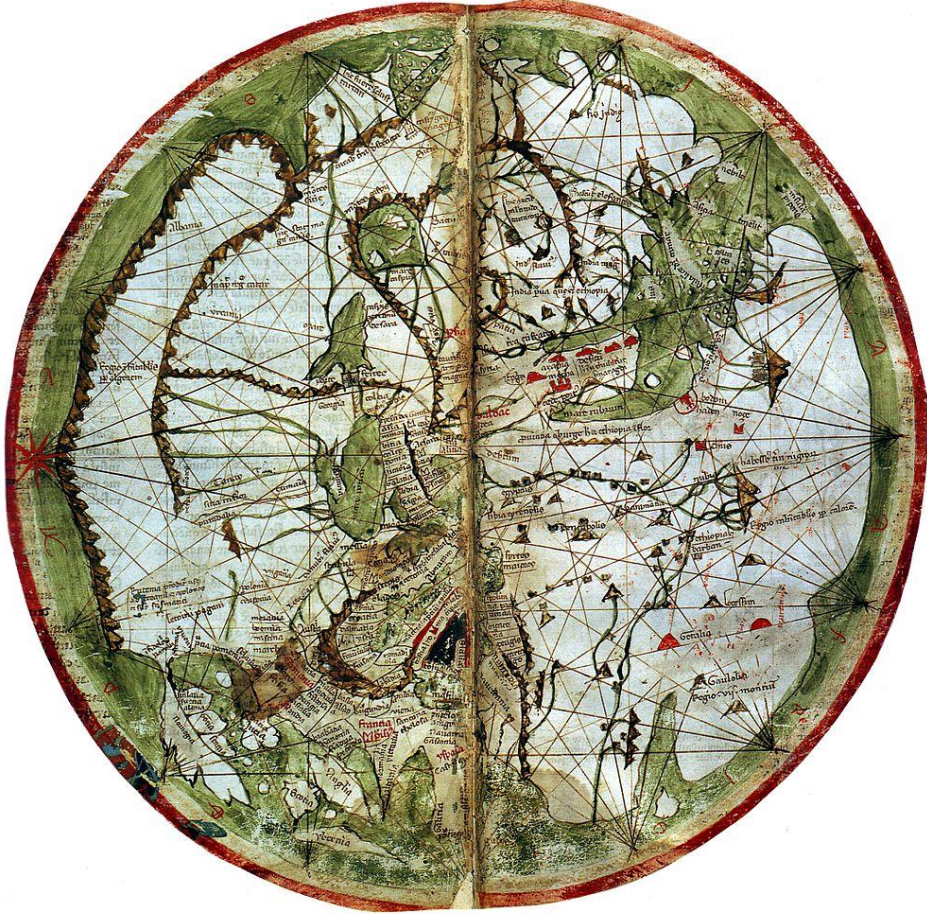
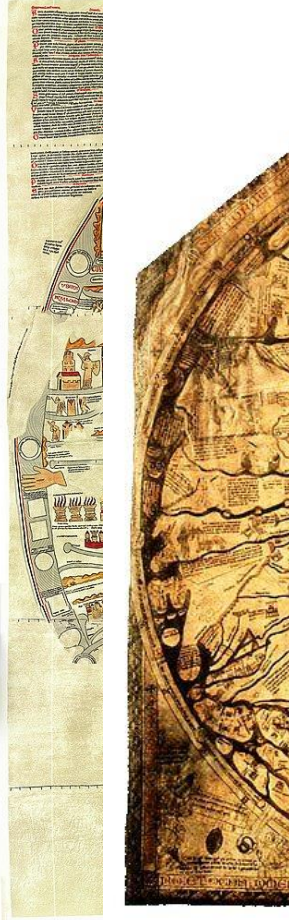
Tabula Rogeriana (1154)

Walter of Tortosa's *Mappa Mundi* (1235)

John of Wallingford's *Mappa Mundi* (1300)

Compass

Pietro Vesconte's World Map (1321)



Rhumb lines

BC

Mela Map (43)

Isis of Tyre (120)

Strabo's Geography (150)

Ptolemy's Geography (2nd c.)

Tabula Peutingeriana (6th century)

Beza's World Map (c. 636)

Tabula Rogeriana (8th century)

10th century

Al-Idrisi's Tabula Rogeriana (c. 1040)

World Map of Piri Reis (1513)

Waldseemüller's Map (1807)

Tabula Rogeriana (1154)

World Map of Fra Mauro (1250)

World Map of Fra Mauro (1300)

World Map (1321)

Catalan World Atlas (1375)

Gangnido world map (1402)

Da Ming Hunyi Tu world map (after 1389)



BC

Pomponius Mela Map (43)

Marinus of Tyre (120)

Ptolemy Map (150)

Tabula Peutingeriana (4. c)

Medieval Ages

Indicopleustes' Map (6th century)

Sevilla's *T and O* map (c. 636)

Albi *Mappa Mundi* (8th century)

Ibn Hawqal's map (10th century)

Waldseemüller Cotton World Map (c. 1040)

Beatus *Mappa Mundi* (1050)

Mahmud al-Kashgari's Map (1072)

Al-Idrisi's *Tabula Rogeriana* (1154)

Ebstorf *Mappa Mundi* (1235)

Hereford *Mappa Mundi* (1300)

Classical

Pietro Vesconte's World Map (1321)

Catalan World Atlas (1375)

Gangnido world map (1402)

Hunyi Tu" world map (after 1389)

De Virga world map (1411–1415)

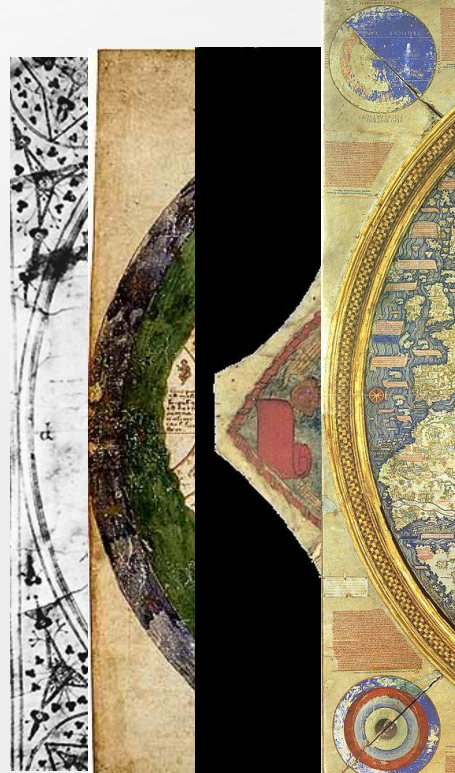
Bianco's world map (1436)

Genoese map (1457)

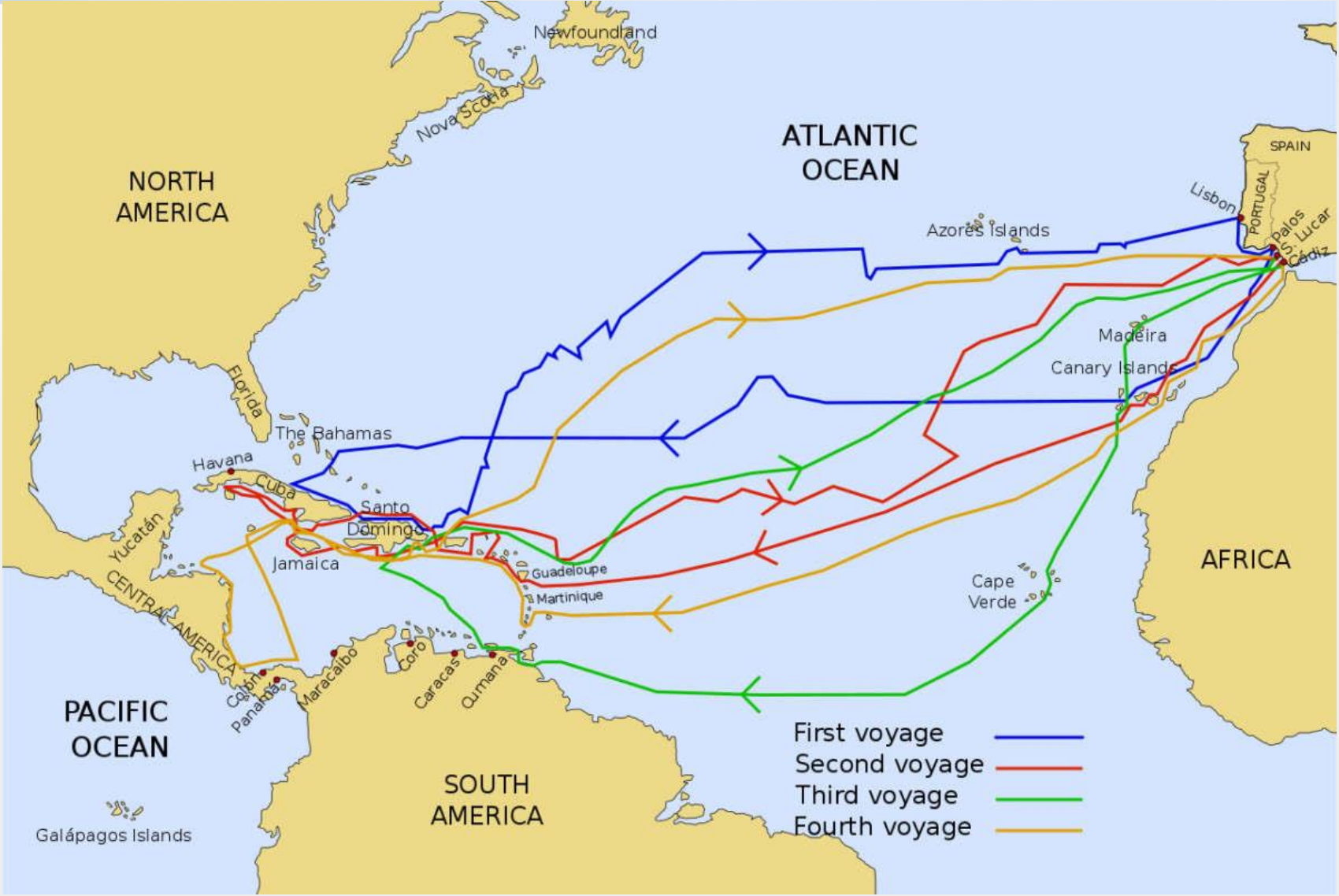
Fra Mauro world map (1459)

Martellus world map (1490)

Behaim's *Erdapfel*/globe (1492)



Discovery of America



1492

Juan de la Cosa Map (1500)

Cantino World Map (1502)

Caverio Map (1505)

Ruysch World Map (1507)

Hüßler ve Ringmann Map (1507)

Piri Reis Map (1513)

Pietro Coppo Map (1520)

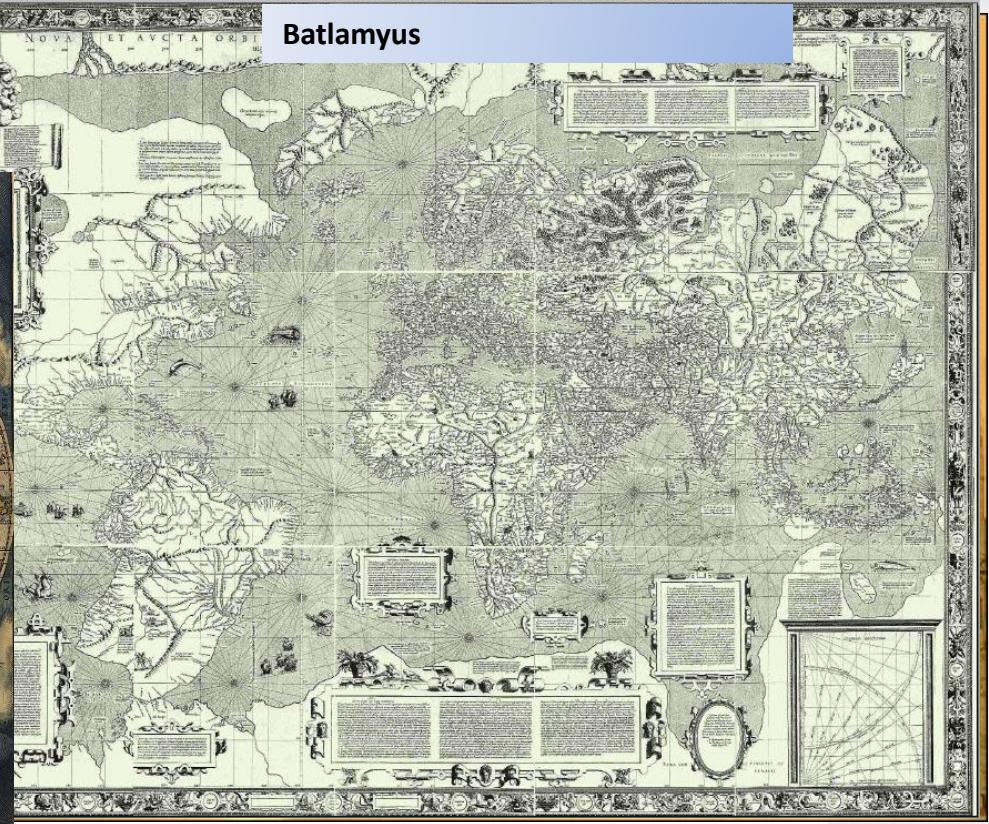
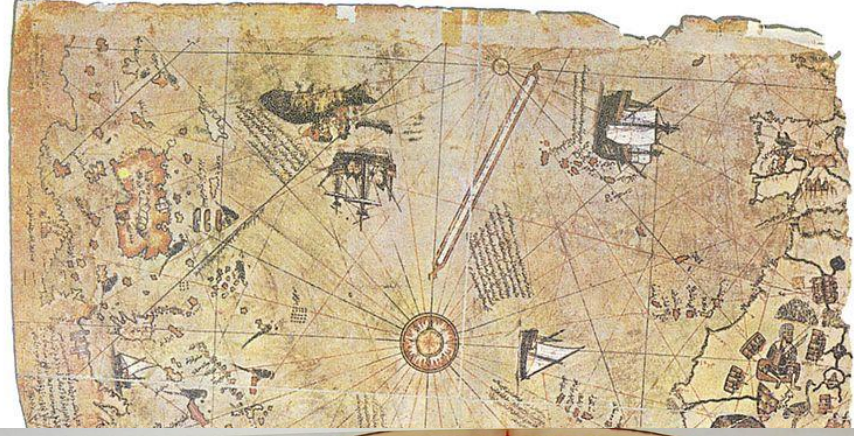
Diogo Ribeiro Map (1527)

1569

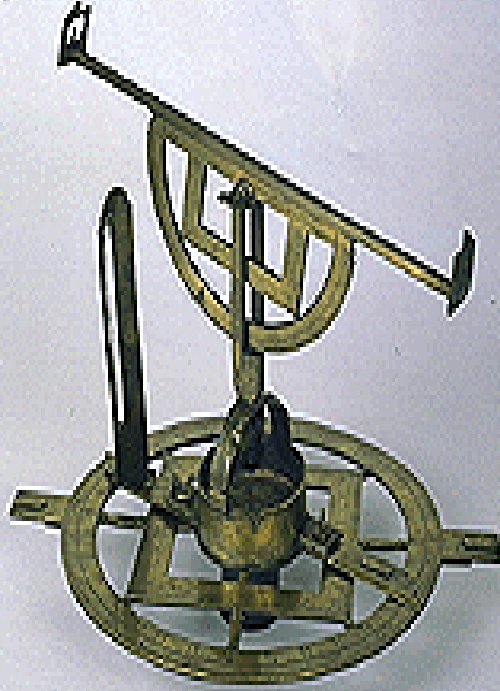
1670

1630

Hondius Tabula" - Hendrik Hondius (1630)



Altazimuth Theodolite



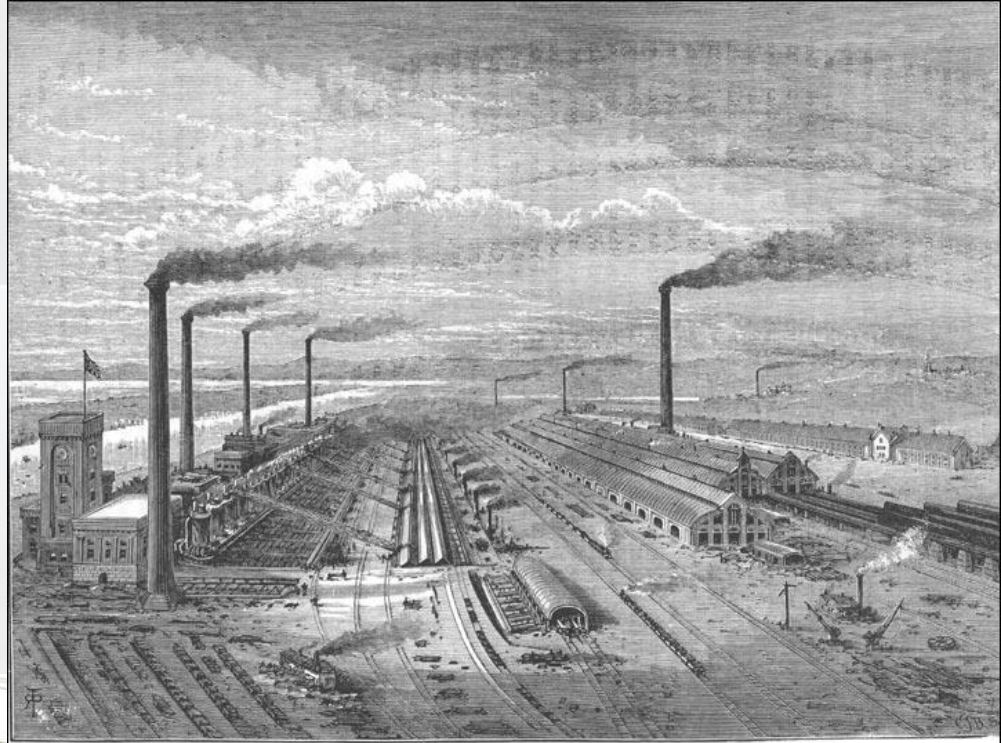
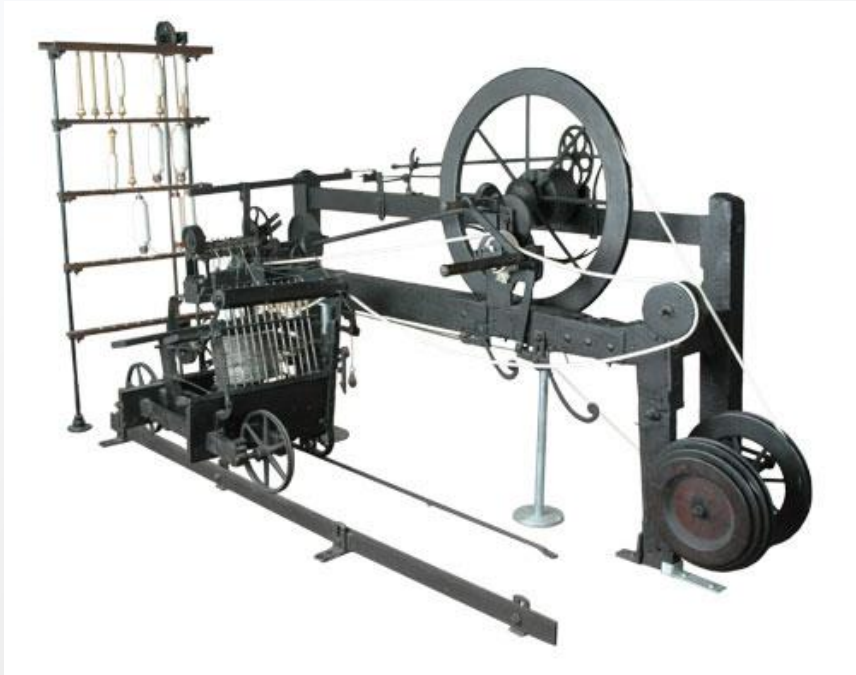
<https://www.mhs.ox.ac.uk/geometr/46.htm>

1586

- Düsey açı bölüm dairesi
- Ayna
- Düsey hareket vidası
- Dürbün
- Düsey açı düzeci
- Düsey az hareket vidası
- Mikrometre vidası
- Aydınlatma vidası
- Görüntü netlik ayarı
- Açı okuma dürbünü
- Yatay / düsey açı deęiřtirme vidası
- Düzeç eksenini
- Yatay hareket vidası
- Yatay açı bölüm dairesi deęiřtirme vidası
- Küresel düzeç
- Üç ayak kilidi



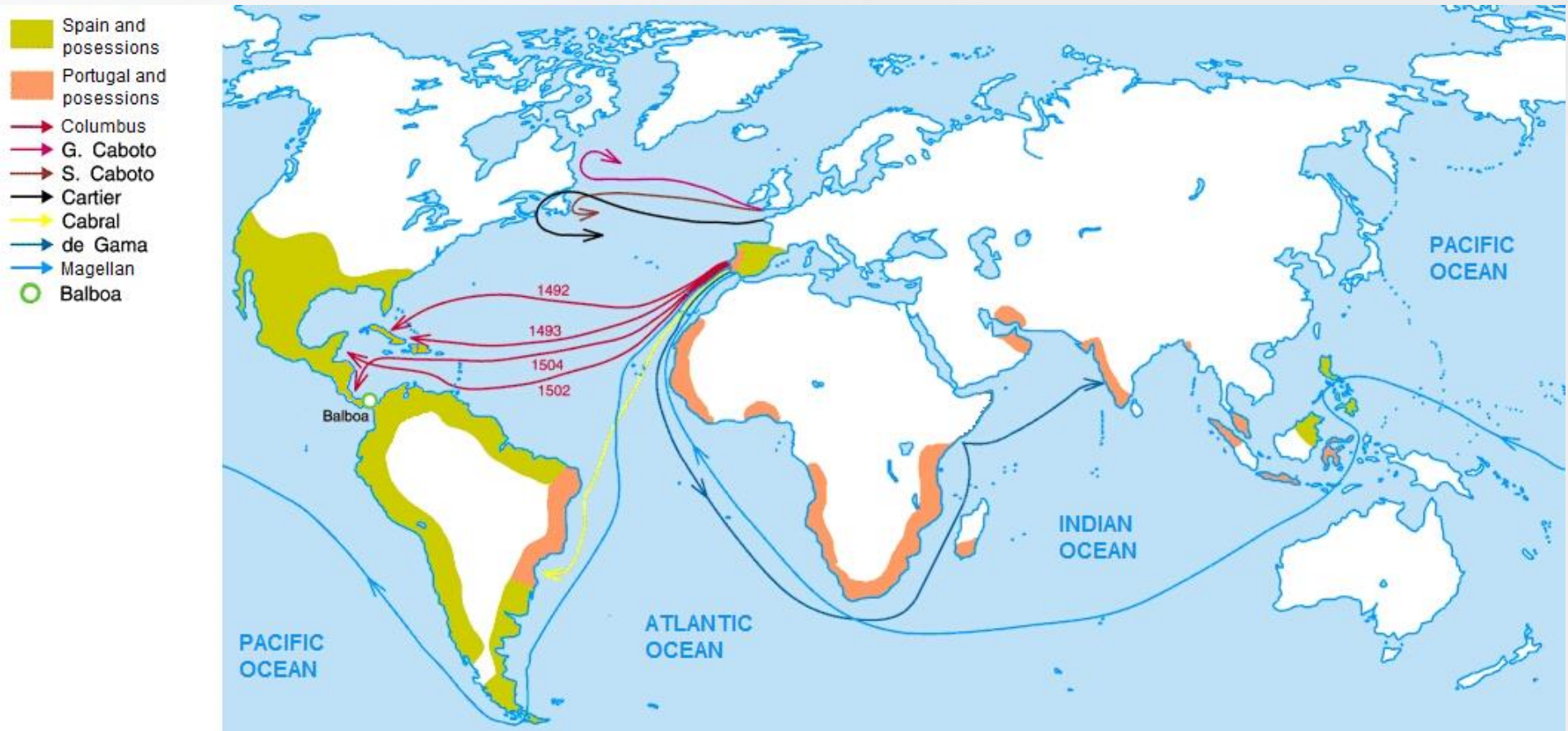
The industrial Revolution

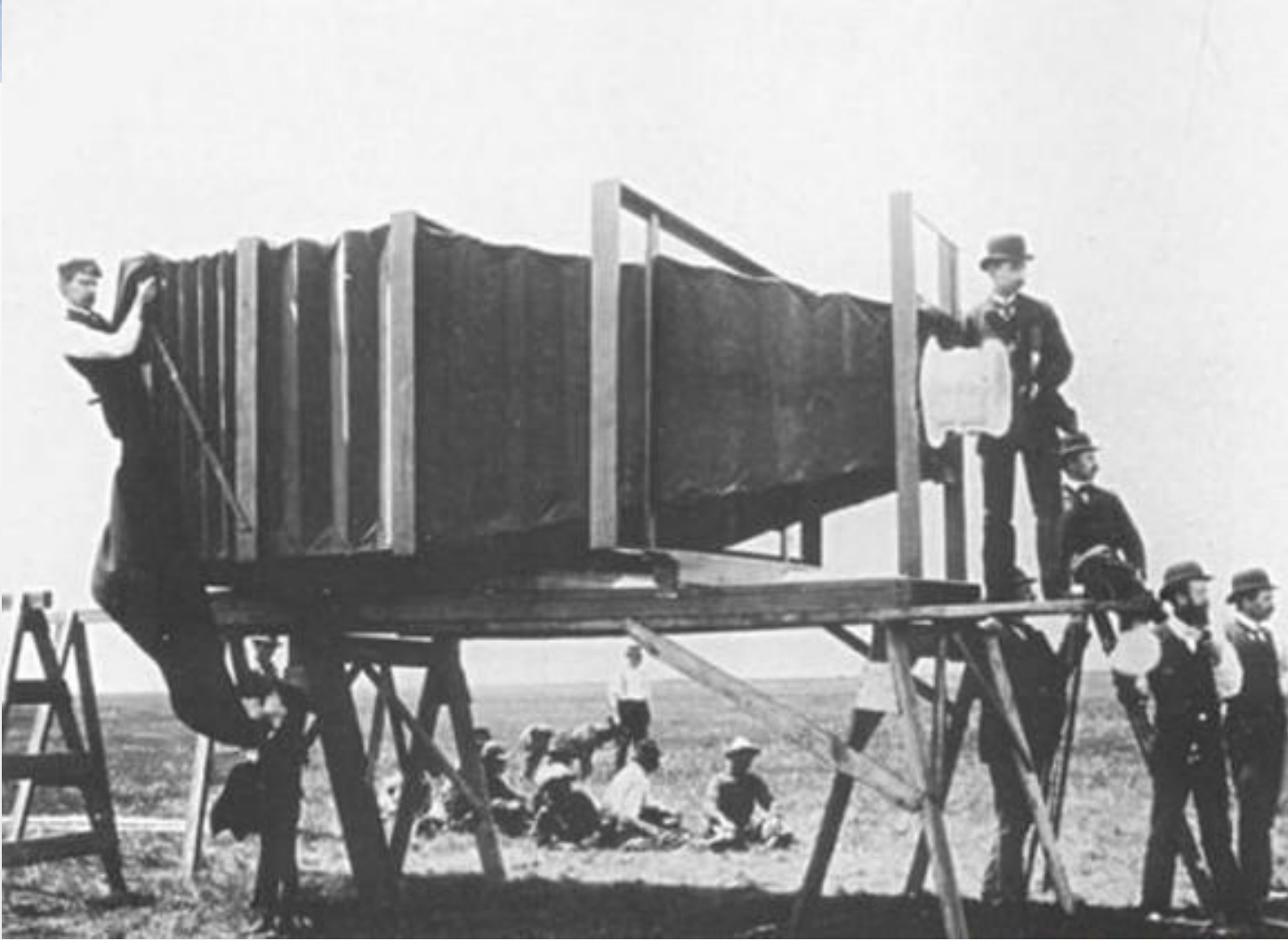


THE IRON AND STEEL WORKS, BARROW.



Tibetan and Indian Story





<https://www.kiralikkamera.com/dunyadaki-ilk-fotograf-ve-fotograf-makinesi/>

Stereoscopy was invented in 1832, seven years before photography was revealed to the world. The first stereoscope – a word coined by its inventor,



<https://www.theimportant-to-photography.com>

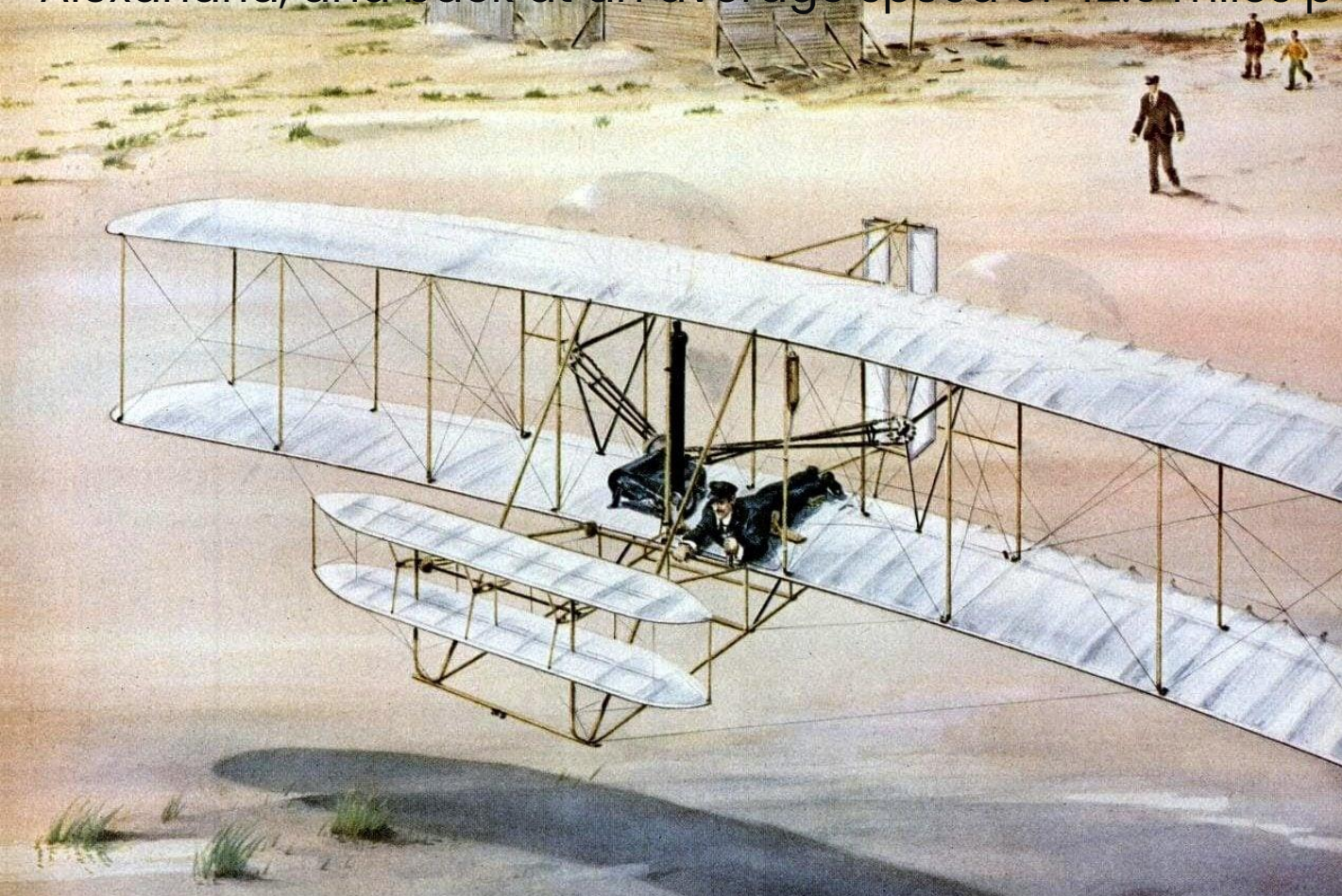
The First 'Passenger' Flight In 1783

The reactions of the famous sheep, duck and rooster are not recorded, but they clearly survived the experience which took place on the 19th of September 1783. I love to imagine the double-take of locals as this balloon descended from the sky, landed, and then three farmyard animals casually hopped out!



<https://gazetekarinca.com/2017/04/kapadokya-da-sicak-hava-balonu-dustu/>

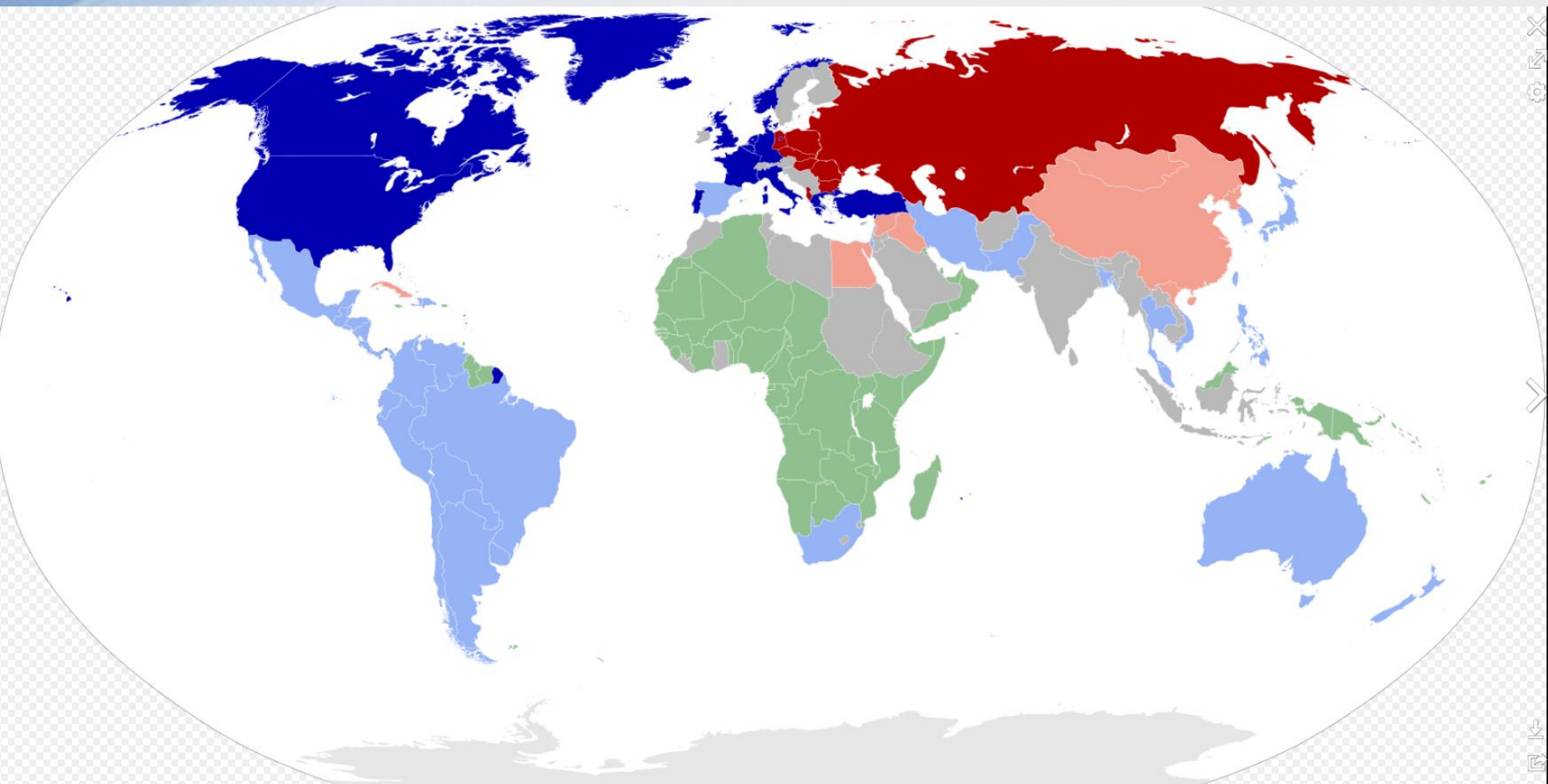
The brothers continued their experiments and, in 1909, one of their planes passed its flight tests and became the first military aircraft in the world. That plane was accepted by the Army after Orville flew it over Ft. Myer, Virginia, near Washington, for one hour, 12 minutes and 40 seconds. The plane passed its speed test by flying to nearby Alexandria, and back at an average speed of 42.6 miles per hour.



<https://clickamericana.com/topics/discoveries-inventions/how-the-wright-brothers-took-the-first-powered-flight>



<https://listelist.com/wp-content/uploads/2019/01/hrdhrdhrdhrdhrasd.jpg>



World map showing the two blocs during the Cold War in 1959. ■ NATO member states ■ Other allies of the USA ■ Colonized countries ■ Warsaw Pact member states ■ Other allies of the USSR ■ Non-aligned nations

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