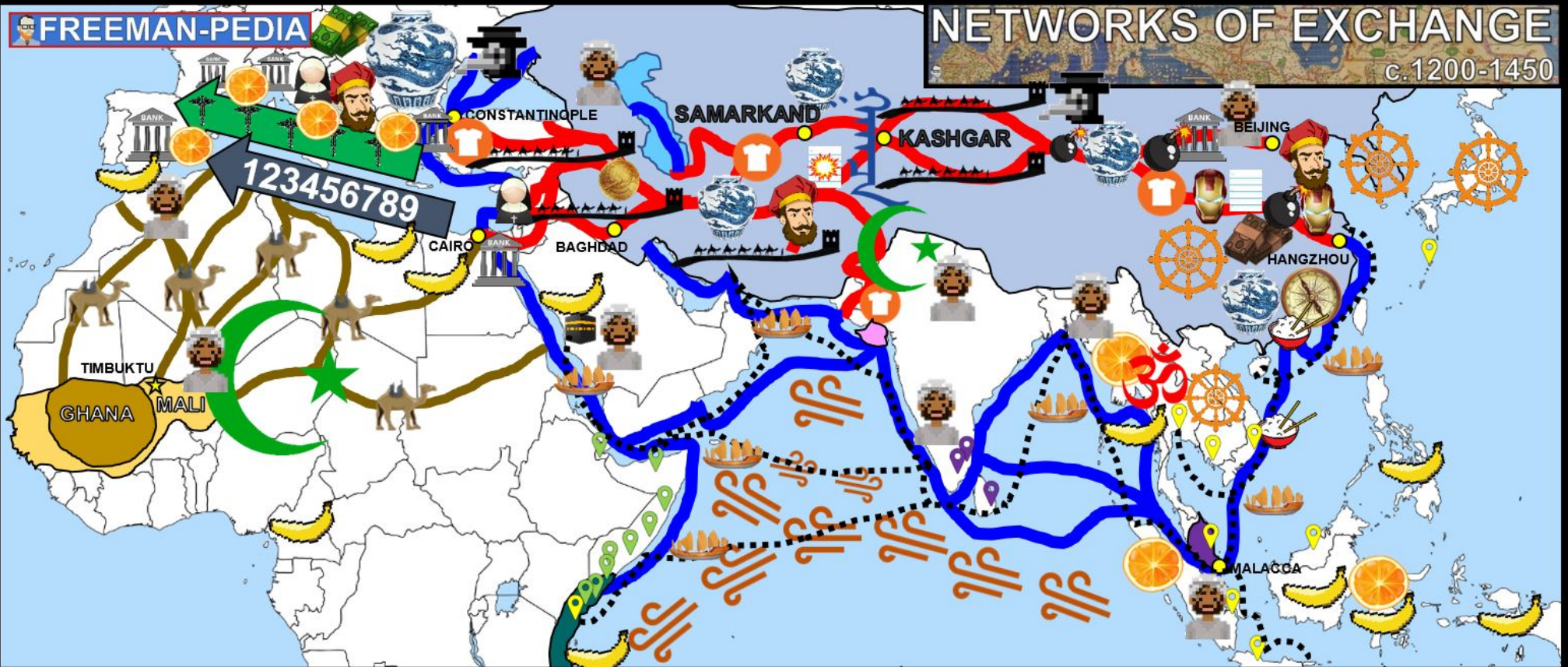


# GEOGRAPHY



**THE SILK ROADS** c. 1200-1450

**SILK ROAD**

- SAMARKAND ● KASHGAR

PRINTED PAPER MONEY BEGAN IN CHINA IN 960  
MOVING WITH MONGOLS, EUROPE PRINTED IN 1661

BANKING CARAVANSERAI

TEXTILES PORCELAIN IRON/STEEL

**MONGOL EMPIRE** c. 1200-1450

**KHANATES**

TRANSFER OF GRECO-ISLAMIC MEDICAL KNOWLEDGE TO WESTERN EUROPE

TRANSFER OF "ARABIC" NUMERALS TO EUROPE

MONGOL ADOPTION OF UYGHUR SCRIPT

**EXCHANGE IN THE INDIAN OCEAN** c. 1200-1450

SWAHILI GUJARATI MALACCA

COMPASS 1<sup>ST</sup> USED DIRECTIONALLY BY SONG DYNASTY c. 1000 (REACHES EUROPE BY 1200)

ASTROLABE INVENTED BY GREEKS PERFECTED BY MUSLIMS c. 900 (REACHES EUROPE BY 1000)

DIA SPORIC COMMUNITIES

- ARABS/PERSIANS
- CHINESE MERCHANTS
- MALAY PEOPLES
- ZHENGHE
- MONSOON

**TRANS-SAHARAN TRADE** c. 1200-1450

GHANA MALI

★TIMBUKTU

TRANS-SAHARAN TRADE ROUTE

CAMEL SADDLES CARAVANS

**CULTURAL CONSEQUENCES** c. 1200-1450

**SPREAD OF RELIGION**

BUDDHISM HINDUISM ISLAM

**SPREAD OF TECHNOL**

GUN-POWDER PAPER

IBN BATTUTA MARCO POLO MARGE KEMPE

**ENVIRONMENTAL CONSEQUENCES** c. 1200-1450

BUBONIC PLAGUE ORIGINATED IN THE STEPPE & SPREAD WITH THE MONGOLS ORIGINATING IN S.E. ASIA BEFORE SPREADING TO AFRICA & EUROPE

FAST-GROWING CHAMPA RICE WAS GIVEN AS TRIBUTE TO SONG IN 1000

ORIGINATING IN S.E. ASIA, CITRUS FRUITS ARRIVED IN EUROPE FROM ARAB TRADERS