

Earth Science Topic 14.6 – Construct a Globe (Team Project)

General Instructions:

Complete assignment as an individual, or on a small team of 2-3 people.

Divide up in eight teams total or less for each class.

Construct a reasonably realistic globe – no less than 30 cm in diameter.

Construct project by hand – purchased globes are not acceptable (balls may be used).

Include all major continents along with additional features listed below.

Include location indicators for team's uniquely assigned list.

Complete assignment no later than the finish-date provided by instructor.

Present globe along with slides (described below) to the class

Initial steps (getting started):

Use flat-maps provided here as an initial discussion or planning device

Recognize that a typical flat map will not “wrap around” a sphere

Consider that flat maps distort portions of land features

Acceptable variations:

Ideally, lightly marked lat-long (latitude/longitude) indicators will be present – but, they are not required so long as land features and continents are reasonably positioned

Ideally, major continents and major oceans are labeled – but, labeling is not required so long as each team member can successfully point-to and state the following features:

- Continents of Africa, Europe, Asia, North America, South America, Australia, Antarctica
- Oceans of Arctic, North Atlantic, South Atlantic, Indian, North Pacific, South Pacific, Antarctic

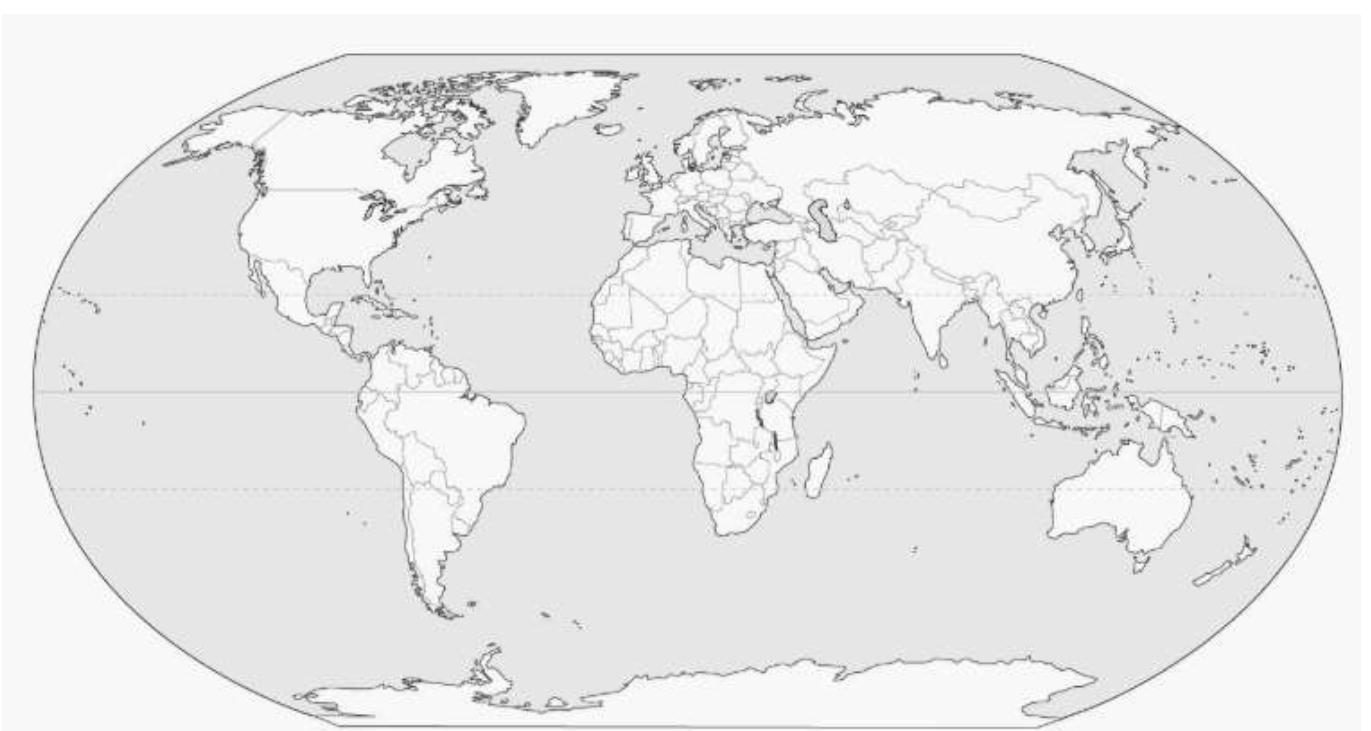
Each individual (or team) must additionally include a specific set of features assigned to them by the instructor (these are unique for each team).

Presentation slides (components):

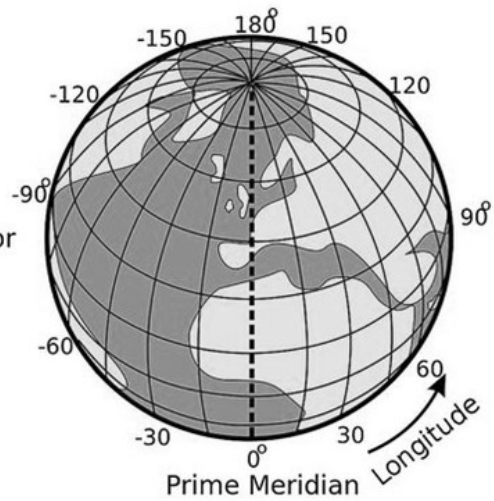
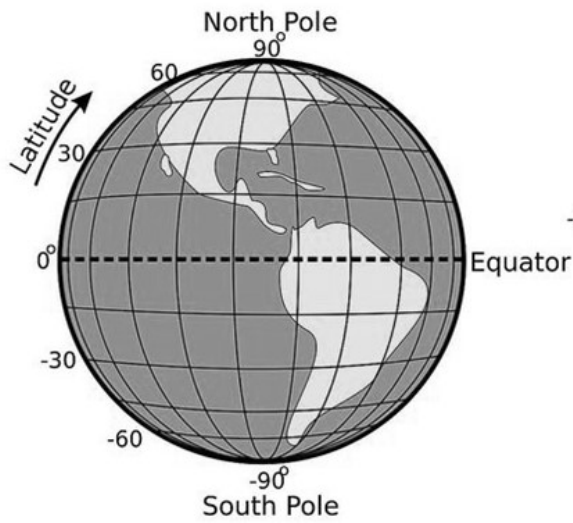
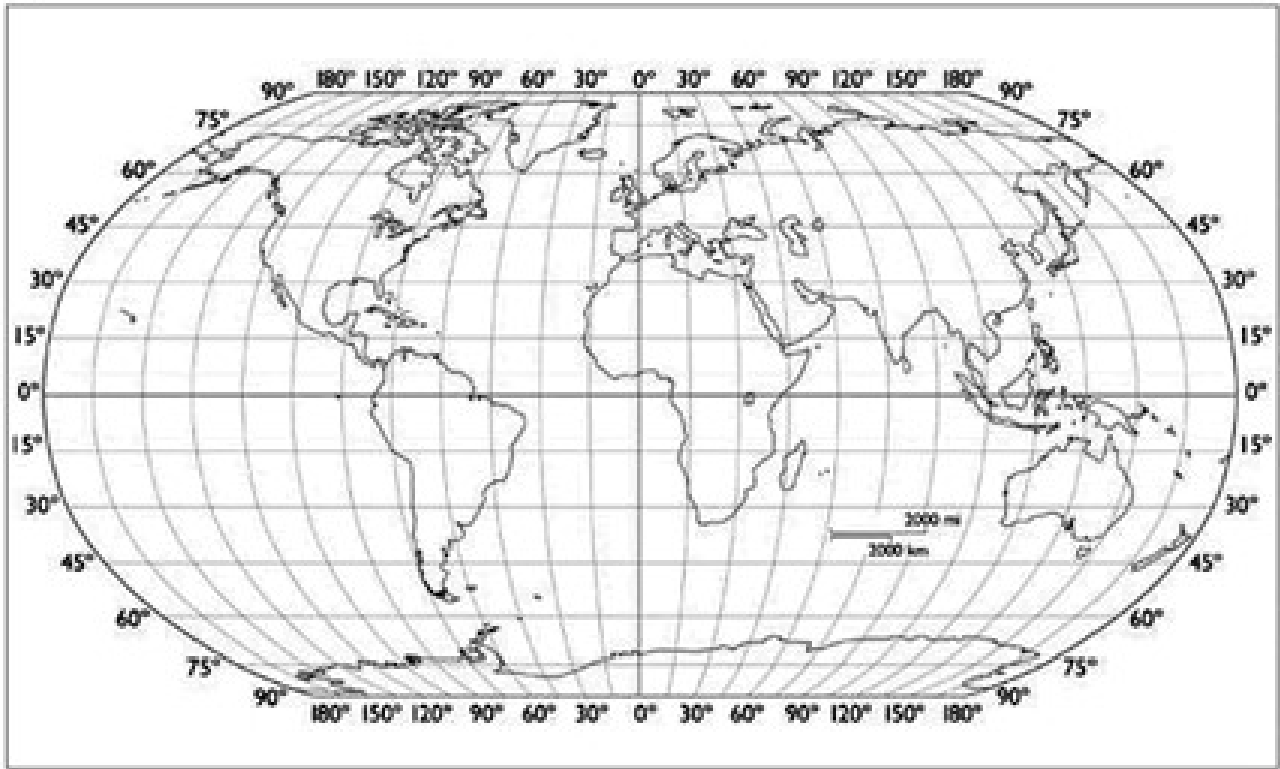
Include standard items such as title page and references.

Summarize team's approach to completing the work.

Include one page summary for each feature uniquely assigned to team.



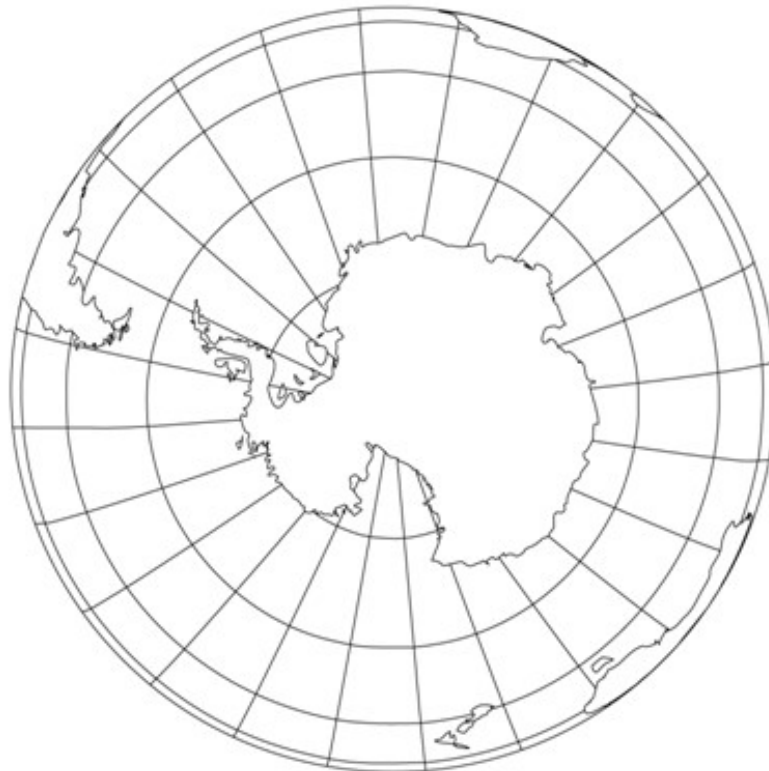
LATITUDE E LONGITUDE



North Pole Globe



South Pole Globe



Team / Individual 01

New Guinea (island)
Mount Everest (mountain)
Palancar Reef (reef)
American Samoa (US territory)

Continents of Africa, Europe,
Asia, North America, South
America, Australia, Antarctica

Oceans of Arctic, North Atlantic,
South Atlantic, Indian, North
Pacific, South Pacific, Antarctic

Team / Individual 02

Borneo (island)
K2 (mountain)
Great Barrier Reef (reef)
Bajo Nuevo Bank (US territory)

Continents of Africa, Europe,
Asia, North America, South
America, Australia, Antarctica

Oceans of Arctic, North Atlantic,
South Atlantic, Indian, North
Pacific, South Pacific, Antarctic

Team / Individual 03

Madagascar (island)
Kangchenjunga (mountain)
Red Sea Coral Reef (reef)
Baker Island (US territory)

Continents of Africa, Europe,
Asia, North America, South
America, Australia, Antarctica

Oceans of Arctic, North Atlantic,
South Atlantic, Indian, North
Pacific, South Pacific, Antarctic

Team / Individual 04

Baffin (island)
Lhotse (mountain)
New Caledonia Barrier Reef (reef)
Howland Island (US territory)

Continents of Africa, Europe,
Asia, North America, South
America, Australia, Antarctica

Oceans of Arctic, North Atlantic,
South Atlantic, Indian, North
Pacific, South Pacific, Antarctic

Team / Individual 05

Sumatra (island)
Makalu (mountain)
MesoAmerican Barrier Reef (reef)
Guam (US territory)

Continents of Africa, Europe,
Asia, North America, South
America, Australia, Antarctica

Oceans of Arctic, North Atlantic,
South Atlantic, Indian, North
Pacific, South Pacific, Antarctic

Team / Individual 06

Honshu (island)
Cho Oyu (mountain)
Florida Reef (reef)
Jarvis Island (US territory)

Continents of Africa, Europe,
Asia, North America, South
America, Australia, Antarctica

Oceans of Arctic, North Atlantic,
South Atlantic, Indian, North
Pacific, South Pacific, Antarctic

Team / Individual 07

Victoria (island)
Dhaulagiri (mountain)
Andros Coral Reef (reef)
Johnston Atoll (US territory)

Continents of Africa, Europe,
Asia, North America, South
America, Australia, Antarctica

Oceans of Arctic, North Atlantic,
South Atlantic, Indian, North
Pacific, South Pacific, Antarctic

Team / Individual 08

Ellesmere (island)
Manaslu (mountain)
Saya Del Malha (reef)
Kingman Reef (US territory)

Continents of Africa, Europe,
Asia, North America, South
America, Australia, Antarctica

Oceans of Arctic, North Atlantic,
South Atlantic, Indian, North
Pacific, South Pacific, Antarctic