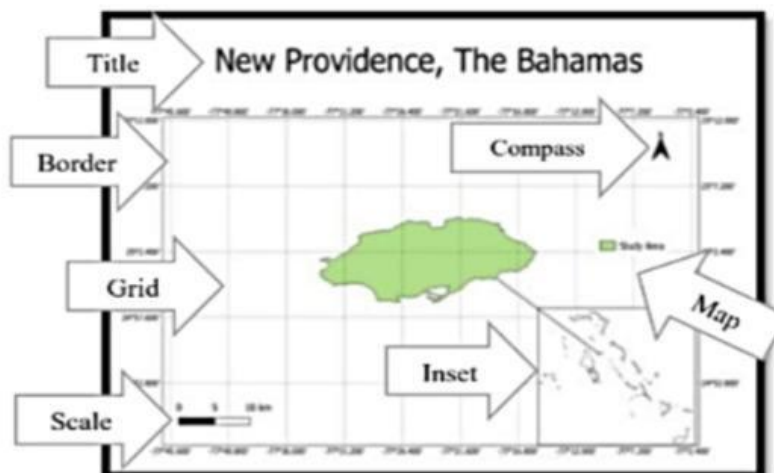


## TOPIC: Maps & Globes

- **Geography** is the study of the Earth's surface.
- **Cartography** is the art of making maps.
- Persons who draw/make maps to scale are known as **Cartographers**.
- **A map**: A plan/blueprint of the Earth as seen from above.
- **A globe**: A round model of the Earth.

### The main features found on a map

- **The title**: Describes the theme or subject of the map. Tell you what the map is about.
- **A border**: Shows where the map ends.
- **An inset**: A smaller map inside a larger one.
- **A compass rose**: A tool that shows direction on a map.
- **A scale**: Helps you to measure distances on a map.
- **The map key or legend**: Shows the symbols on a map and their meanings. Eg. Colours are used as symbols and the map key will display the meaning of each colour.



### ASSIGNMENT

1. Which of the following best describes a map?
  - A. A photograph of islands, mountains and rivers.
  - B. A photograph of the Earth.
  - C. A plan of the Earth as seen from above.
  - D. A plan of the Earth as seen from below.

2. Which section of the map tells what the map is about?
  - A. Border.
  - B. Legend/Key
  - C. Scale
  - D. Title
3. Which statement best describes a map?
  - A. A picture of the Earth as seen from above.
  - B. A photograph showing hills, valleys, and lakes.
  - C. A plan of the Earth as seen from above.
  - D. A sketch of the ocean floor.
4. People who make maps are known as ...
  - A. Archaeologists
  - B. Cartographers
  - C. Astronomers
  - D. Photographers
5. A globe can be best described as ...
  - A. A ball
  - B. A model of the Earth
  - C. A picture of the Earth
  - D. A toy
6. A map can be described as ...
  - A. A blueprint of the Earth
  - B. A layout of the Earth
  - C. A picture of the Earth
  - D. A poster of the Earth
7. What is the art of map making called?
  - A. Astrology
  - B. Cartography
  - C. Geography
  - D. Geology
8. What do you call a person who formulates and creates maps?

- A. Cartographer
- B. Historian
- C. Legend
- D. Meridians

9. Which part of the map displays symbols?

- A. Compass
  - B. Legend
  - C. Scale
  - D. Title
- 

### **TOPIC: Earth's Hemisphere**

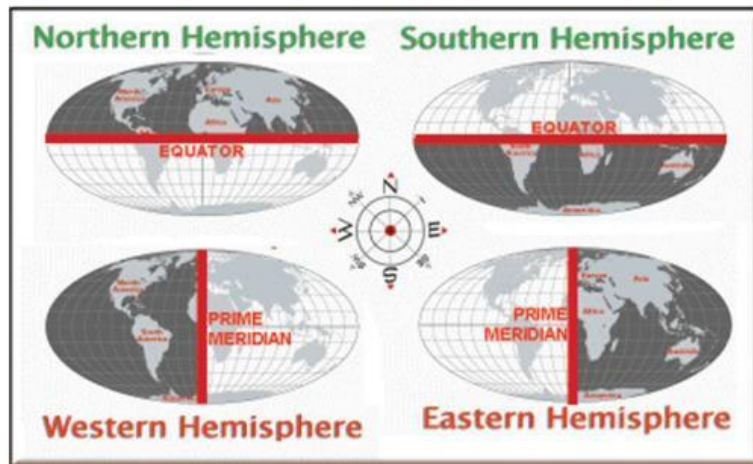
- **A hemisphere:** Half of a sphere. A hemisphere divides the Earth into two equal halves.

#### **Equator**

- **The Equator:** An imaginary line that divides the Earth into two halves (the Northern Hemisphere and Southern Hemisphere)
- The equator measures  $0^\circ$  and runs East to West.

#### **Prime Meridian**

- **Prime Meridian:** An imaginary line that divides the Earth into the Western Hemisphere and Eastern Hemisphere.
- The Prime Meridian is located at  $0^\circ$  and runs from the North Pole to South Pole.
- Prime Meridian also known as the Greenwich Meridian.



### **What is the International Date Line?**

- The International Date Line divides the Earth into 24 different time zones.
- It is an imaginary line near the 180° meridian where the calendar date changes by one day (traveling east means going back a day, and traveling west means moving forward a day).
- The line zigzags to avoid splitting countries and islands into different dates.



### **ASSIGNMENT**

1. Which of the following continent can be found in the western hemisphere?  
 A. Asia  
 B. Australia  
 C. Europe  
 D. North America
2. How many hemispheres does the Equator divide the Earth into?  
 A. 2

- B. 4
- C. 6
- D. 8