

Topic - Chapter-8 "Locating Places on Earth"

Good Morning Students,

Today we are going to set our focus on the topic "Locating Places on Earth", Chapter-8 starting on page number-49 of your text book titled "Time Trek-5".

All the students may kindly open page number-49 of your text book and be ready with your geography note-books. So Dear students, kindly pay attention as I am going to explain the topic. In this chapter students will try to learn about the imaginary lines that appear on globes and maps, what are latitudes and longitudes and how we can find the exact location of a place using latitudes and longitudes.

Let us discuss about globe first:-

Globe is the true model of the Earth. On the globe we can locate all continents, oceans and countries. The globe is not fixed and we can rotate it like a top.

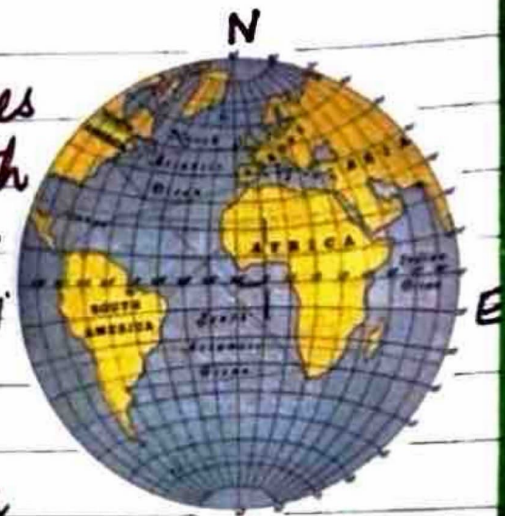
Globe



Imaginary lines :-

We can see a number of lines that run from north to south and east to west on a globe.

These are called imaginary lines because they do not actually exist on the surface of the earth. We use imaginary lines to find the exact location of a place on a map or on a globe. These imaginary lines are lines of latitude and longitude.



Imaginary lines on a globe

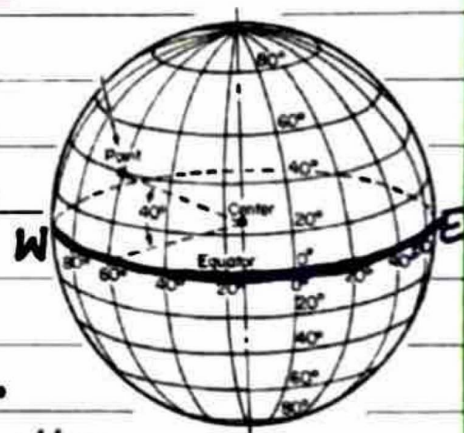
Let us discuss Latitudes now :-

There are two types of imaginary lines found on a globe or map. The lines which run in east-west direction are called latitudes, as you can see in the given picture.

Latitudes run parallel to each other. Lines of Latitude

That means the distance between any two latitudes is always equal. Therefore, they are also called parallels of latitude.

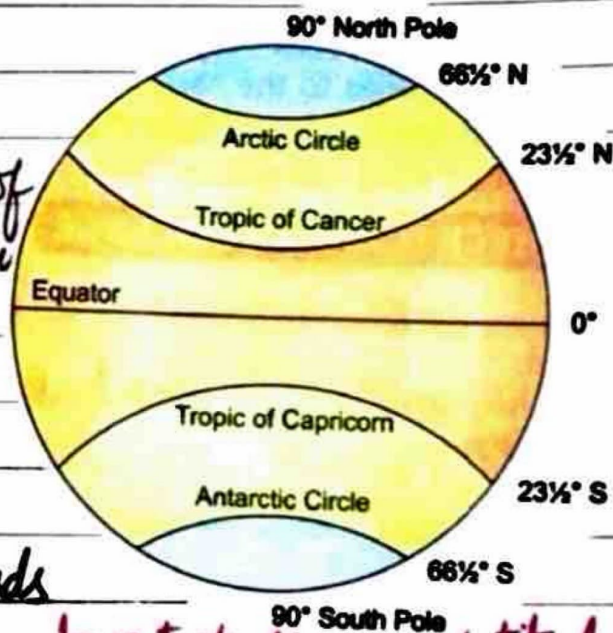
The length of the latitude increases as we move away from the poles. The latitude which divides the earth exactly at the centre is known as Equator.



The Equator divides the Earth into two equal halves called hemispheres. The hemisphere above the Equator is known as Northern Hemisphere and the hemisphere below the Equator is called Southern Hemisphere. Both hemispheres are equal.

Important latitudes:-

The two flattened ends of the Earth, towards north is called North Pole and towards south is called South Pole. The lines of latitudes are labeled in degrees. The latitudes towards North from the Equator are marked as 1°N , 2°N and so on.



Important lines of latitudes

The latitudes towards south from the Equator are marked as 1°S , 2°S and so on. The latitude of North Pole is 90°N and that of South Pole is 90°S . The Equator is marked as 0° latitude.

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So now children, as we have read a small part of this chapter, we will recount the topic by means of a short test.

Do exercise A - Fill in the blanks and exercise B - Match the following of your text book Time- Trek (5), given on page number-52.

With this explanation I conclude the interactive session.

Thank you.

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