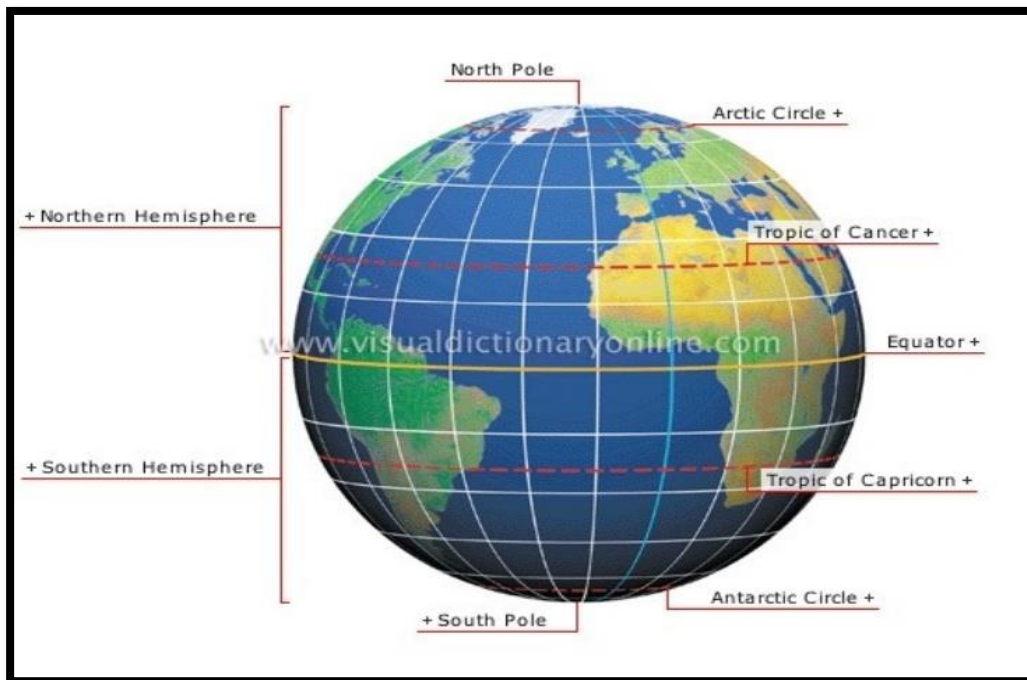




In the previous lesson, we learnt about weather and climate.

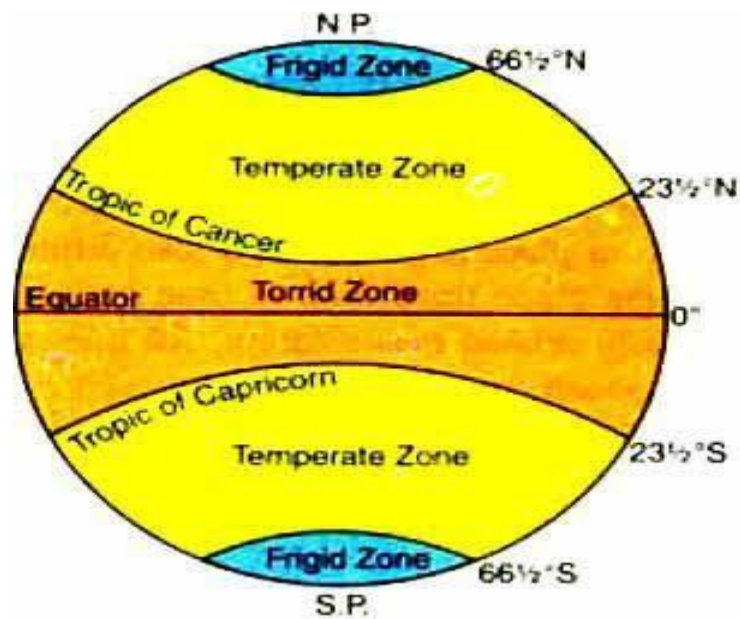
Today, we will learn about the heat zones of the world on the basis of the difference in climate. But, before that, let's observe the picture of the Earth given below.

You can see a lot of lines drawn on the surface of the Earth. Do you see any such lines on the Earth in reality?



You guessed it right... these lines are not real, but **imaginary lines (lines of latitude and longitude)** running across the globe. They are used to locate places on the Earth. Without them, it would be almost impossible to pinpoint the regions

accurately and perfectly. With the help of these imaginary lines, the Earth is divided into three **Heat Zones** on the basis of the difference in their climate-



1. **TORRID ZONE**- It lies on both the sides of the Equator, between the Tropic of Cancer and the Tropic of Capricorn. The climate in this zone is hot and humid throughout the year because the sun rays fall directly over it.
2. **TEMPERATE ZONE**- The areas lying between the Torrid Zone and the Frigid Zone on either side of the equator are called the Temperate Zones. The climate over here is neither very hot nor very cold because the sun rays do not fall directly on this region.
3. **FRIGID ZONE**- The areas lying between the Arctic Circle and the North Pole and between the Antarctic Circle and the South Pole are known as the Frigid Zones. This zone receives slanting rays of the Sun and therefore, remains cold throughout the year.

YOUTUBE LINK- <https://youtu.be/5tC80OxOFEk>

**(ACTIVITY 1 AND 2 TO BE DONE IN THE NOTEBOOK)**

**ACTIVITY 1.** Rewrite the given sentences correctly by changing the underlined words-

- a. Places near the poles are hotter than the places near the Equator.
- b. The Temperate Zone lies near the Equator.
- c. The area between the North Pole and the Arctic Circle is known as the Torrid Zone.
- d. The weather of a place does not change over a long period of time.

**ACTIVITY 2. Who am I? Name the correct heat zone-**

- a. I remain hot and humid throughout the year.
- b. I am neither too hot nor too cold.
- c. I remain cold throughout the year as I lie near the poles.

**WORDLY WISE**

**WEEK III**

**DAY 2 (05.05.2020)**

Dear children, today let's try and frame one sentence each with the new words that we have learnt in this section yesterday. The meaning of each word is given here once again for you. One sentence has been made with the first word for ready reference. You must try and make another one with the same word...

**(Please Remember:-**

**This work is to be done in the Vocabulary Notebook or the second half of your Lifeskills Notebook)**

- 1) **novel** - fresh, new or original

She has suggested a **novel** approach to overcome this problem.

- 2) **ambitious** - to have a strong desire to succeed

- 3) **prompt**- to remind someone what to say

- 4) **pandemic** – occurring over a wide geographical area

- 5) **bulletin** - a short official report / statement

**Vocabulary Enrichment**

Children, we learnt two words yesterday which can be used in place of using 'very' with a descriptive word. The words learnt yesterday were 'delighted' and 'simple'. Here are the two new words for today:

**'gifted'** can be used in place of **'very talented'** - Anusha is a **gifted** dancer.

**'spotless'** can be used in place of **'very clean'** – She always keeps her room **spotless**.

You must try and make use of them while conversing with others.