



# Silent Bells



ഫസ്റ്റ് ബെൽ - അനുബന്ധ പഠനസഹായകസാമഗ്രി

Class:10	Subject:Social Science 2	Date:03/09/2020	Worksheet No:18	Class link: <a href="#">PLAY</a>
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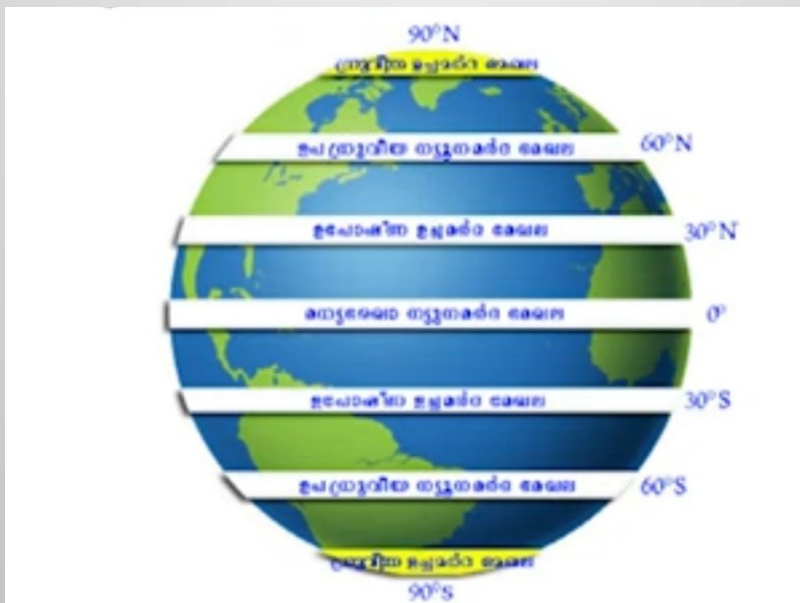
Lesson : **Global Pressure Belts**

1. What are the factors which contribute to the formation of different pressure belts ?

2. Label the global pressure belts in the picture given below.



3. Complete the table by finding out the various pressure belts and their latitudinal distance





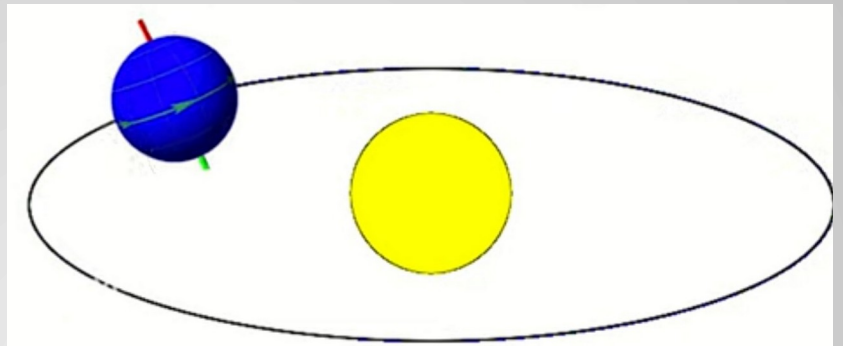
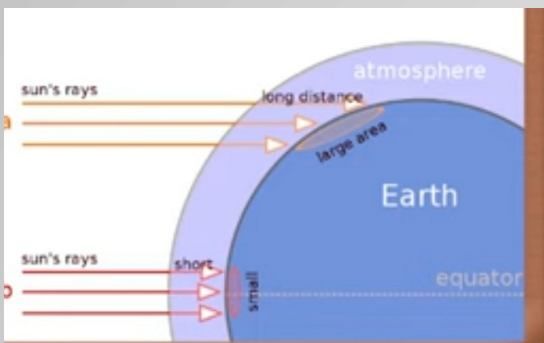
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Pressure Zone	Latitudinal Distance
Sub-Tropical High Pressure Zone	
	60° South and North

4. What are the reasons for the formation of Equatorial low pressure belt?



- \* rays of sun fall vertically throughout the year
- \*
- \*
- \*

5. How is the Sub-Tropical Pressure Belt formed?





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6. What is the reason for the low pressure throughout the Sub-polar belt?

7. What are the reasons for the formation of polar high pressure belt?

- \*
- \*
- \*



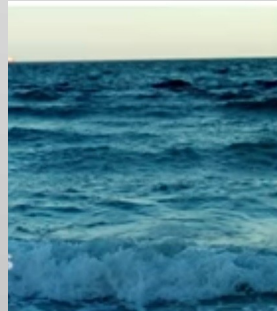
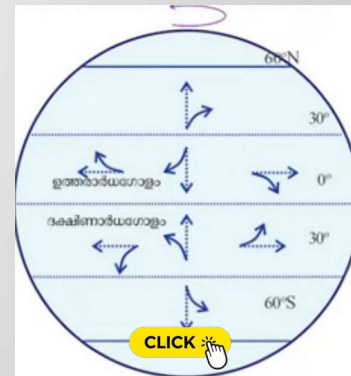
8. What changes occurred in pressure belts according to the apparent movement of the sun?



9. What are winds? List the reasons for the formation of winds?

10. Which are the factors that influence the speed and direction of wind?

- \*
- \* Coriolis Effect
- \*



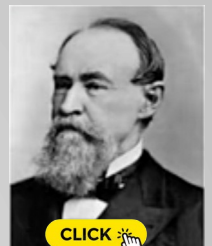
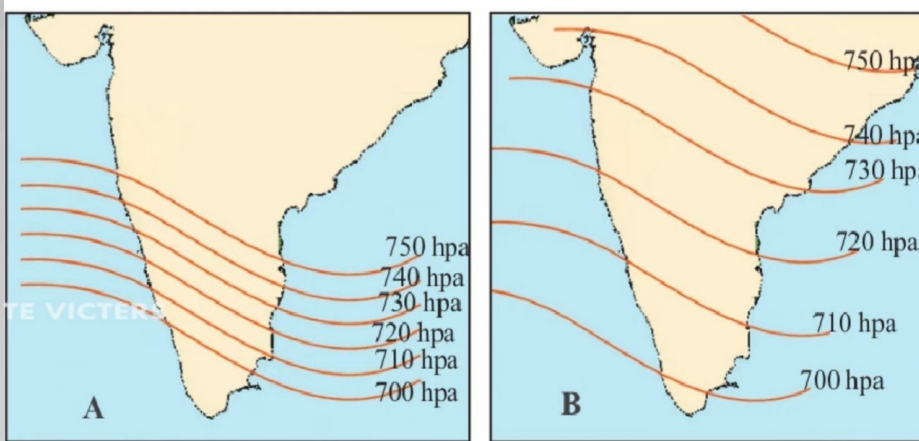


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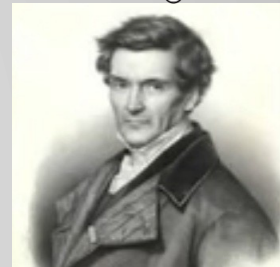
11. What is pressure gradient force? How it influences/affects the speed of wind?



CLICK

- \* Using symbol `->` mark the direction of wind in both the pictures
- \* In which of these situations the wind attains more speed? Why?

12. How does coriolis force cause the deviations of winds? (Change in direction of winds)



CLICK

13. Compare Coriolis Force & Ferrel's Law

Coriolis Force	Ferrel's Law



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14. Why is the Equatorial Low pressure Zones known as Doldrum?

