Educati n n With Fun

Name	e: Date:
<u>Air</u>	
Q1.	Why is the greenhouse effect important?
Ans.	
Q2.	Why amount of insolation decreases from equator towards poles?
Ans.	
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Q4.	Air above us presses us with a great force on our bodies. However, we
4.22	don't even feel it. Why?
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<u>Air</u>

- Q1. Why is the greenhouse effect important?
- Ans. Carbon dioxide released in the atmosphere creates a greenhouse effect by trapping the heat radiated from the earth. It is therefore called a greenhouse gas and without it the earth would have been too cold to live in.
- Q2. Why amount of insolation decreases from equator towards poles?
- Ans. Sun rays falls almost vertically on the equator and covers less space whereas sun rays falls at slanting angle on the poles and covers more space. Thus, the amount of insolation decreases from the equator towards the poles.
- Q3. How air circulation takes place?
- Ans. When air is heated, it expands, becomes lighter and goes up. Cold air is denser and heavy. That is why it tends to sink down. When hot air rises, cold air from surrounding area rushes there to fill in the gap. That is how air circulation takes place.
- Q4. Air above us presses us with a great force on our bodies. However, we don't even feel it. Why?Ans. Air above us presses us with a great force on our bodies. However, we don't even feel it. This is because the air presses us from all directions and our body exerts a counter pressure.