
1. Have you warmed your hands in winter by blowing on them when they are cold? How does it feel?

Ans. Yes, I often warm my hands in winter by blowing on them when they are cold. It feels warm and cozy.

2. Blow hard from your mouth on to your hands. How did you find the air from your mouth as compared to the air around? Was it hotter or cooler?

Ans. On blowing hard from the mouth on to the hands, the air from the mouth feels hotter as compared to the air around.

3. Now put your hands at some distance from your mouth and blow again. Does the air from your mouth feel warm? Why?

Ans. When the hands are placed at some distance from the mouth and the air is blown again, this time the air from the mouth does not feel much warm. This is because due to the distance from the mouth, the air gets mixed up with outside air and thus becomes cooler.

4. Can you think of any other way in which you use the warmth from your breath?

Ans. Another way in which we can use the warmth of our breath is when someone gets swelling and redness in the eyes or some warm breath on a piece of cloth or handkerchief and quickly placing it in the swollen part or red eyes give some relief to the person.

5. Fold a piece of cloth 3-4 times. Now bring it close to your mouth and blow hard on it. Did the cloth become warm?

Ans. Yes, the cloth has become warm.

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6. Have you ever burnt your tongue when you ate or drank something that was too hot? How do you cool some food when it is too hot?

Ans. Yes, I had once burnt my tongue on drinking very hot tea. When some food is very hot, I cool it by blowing on it, by keeping it in a broad container under a fan.

7. If you were to cool these three hot things – dal, roti, rice – in which ways you do so?

Ans. Dal, roti and rice can be cooled by keeping them in a broad container under a fan and also by blowing air on them from month.

8. For what other things do you blow air from your month?

Ans. The other things for which I blow air form my mouth are:

(i) For whistling

(ii) For playing with a firki.

(iii) On erasing on the notebook with an eraser the rubber particles are removed by blowing air on them.

(iv) For cleaning the spectacles.