



INDIAN SCHOOL DARSAIT
DEPARTMENT OF SCIENCE



Subject : Science

Topic : Wind, Storms and Cyclones

Date of Worksheet :

13-02-2017

Resource Person: Mrs. S. SUBHAJA NANDAKUMAR

Date : _____

Name of the Student : _____ Class & Division : VII Div ____ Roll Number : _____

1 Fill in the blanks

1x15

- a) Moving air is called _____.
- b) Increased wind speed is accompanied by reduced _____.
- c) Air _____ on heating.
- d) Warm air is _____ than the cold air.
- e) The monsoon wind carry _____ and it rains.
- f) High speed winds and air pressure difference can cause _____.
- g) In winter the winds flow from the _____ to the _____.
- h) An _____ is a device for measuring wind speed, and is a common weather station instrument
- i) When the wind speed increases the air pressure is _____.
- j) Cyclone is called _____ in the American continent, typhoon in Japan, China and Philippines.
- k) The centre of a cyclone is a calm area called the _____ of the storm.
- l) Winds are generated due to _____ heating of the earth.
- m) We can monitor cyclones using _____ and _____.
- n) A monsoon is a seasonal wind, found especially in Asia that reverses direction between _____ and winter and often brings heavy rain.

2. State true or false.

½ x6

- a) Lightning is an electric current. True/False
- b) The greater the difference in air the faster the air moves. True/False
- c) In summer the winds flow from the land towards the ocean. True/False
- d) A cyclone is formed by a very high pressure system with very high speed wind revolving around it. True/ False
- e) The region close to the equator gets maximum heat from sun. True/ False

- f) Holes are made in the hanging banners and hoarding, to prevent air pressure by causing leaking of air through the holes. True/ False
3. What are the different reasons for wind current? 2
4. **Multiple choice questions** 5
- (i) In which year Orissa was hit by a cyclone?**
- (a) 1999 (b) 2000
(c) 2001 (d) 2004
- (ii) Leaves of trees, banner of flags flutter when wind is blowing. Why?**
- (a) Air occupies space (b) Air is a mixture of gases
(c) Air exerts pressure (d) Air is colorless
- (iii) When we blow over a paper strip it goes upward as shown in the figure given below. Why?**
- (a) Blowing over the paper reduces the air pressure above the strip
(b) Blowing over the paper increases the air pressure above the strip
(c) None of these is a correct
(d) The strip will not go upward at all.
- (iv) The winds from oceans carry water and bring rain. These winds are called**
- (a) typhoon (b) monsoon
(c) cyclone (d) none of these
- (v) What is a cyclone?**
- (a) Wind from the oceans carrying water.
(b) Very low pressure system with very high speed winds revolving around it.
(c) Dark funnel shaped cloud that reaches from the sky to the ground.
(d) None of the above.