

## Science Worksheet Class VII

### Wind, Storm and Cyclones

- Fill in the blanks:
  - Wind is movement of \_\_\_\_\_ (air/dust) in the atmosphere.
  - A very strong wind is called \_\_\_\_\_ (breeze/storm).
  - An anemometer is usually used to measure the (direction/speed) of wind.
  - Cool air is \_\_\_\_\_ (lighter/heavier) than warm air.
- How satellites are helpful in predicting weather patterns?
- Discuss briefly how cyclones are formed?
- Why wind blows from a region of high air pressure to low pressure area?
- How thunderstorms claim more lives than cyclones?
- Why winds do not flow in straight N-S direction?
- Why monsoon winds are known as seasonal winds?
  - Why sea breeze blow during day?
- How winter monsoon winds cause rainfall in Tamil Nadu?
  - Why land breeze blows during night?
- What happens when air gets heated?
- When we are flying a kite, then the wind coming from our back side helps. Give reason.
- What is eye of a storm?
- Give reasons for the following:
  - Cool air sinks and warm air rises up
  - Moving air provides a lift
- How the tornadoes blow off roofs during storm?
- When is a storm expected?
- Explain formation of thunderstorms in your words?
- How can a person save himself from tornado?
- In which area high air pressure is likely to develop?
- What is the difference between typhoon and a tornado.
- Why tornadoes are also known waterspouts?
- How birds fly?
- List four safety measures one should take when there is a cyclone warning.
- Suggest two methods to find wind direction at a given place.
- Why both polar winds and westerlies blow towards 60 degree N and 60 degree S latitude?

24.How will you help your neighbours in case cyclone approaches your village/town?

Sharya Academy