



INDIAN SCHOOL DARSAIT
DEPARTMENT OF CHEMISTRY
WORKSHEET



Subject : SCIENCE

**Chapter : Some Natural
Phenomena**

Date :14-01-2018

Resource Person: Mr. Harikrishnan P

Name of the Student : _____ Class & Division : VIII-- Roll Number : -----

1.	Name the scientist who explained the phenomena responsible for lightning.	1
2.	_____ is caused by the accumulation of charges in the clouds.	1
3.	The two kinds of charges are _____ and _____	1
4.	The electrical charges produced by rubbing the materials are called _____	1
5.	What is the use of an electroscope?	1
6.	What do you mean by 'earthing'?	1
7.	Which of the following cannot be charged easily by friction? (a) A plastic scale (b) A copper rod (c) An inflated balloon (d) A woollen cloth	1
8.	Which kind of charge is developed on the glass rod and which kind on ebonite when both are rubbed with silk?	1
9.	The place where the earthquake occurs under the crust of the earth is: (a) centre (b) epicentre (c) focus (d) origin	1
10.	An earthquake is caused by: (a) shaking of the earth's surface (b) strain building up in the tectonic plates (c) plates slipping along the fault lines (d) all of the above	1
11.	What are the factors other than the movement of plates that can trigger an earthquake?	2
12.	Which parts of India are most threatened by earthquake?	2

13.	List any four safety measures to protect ourselves from lightning.	2
14.	How does a lightning conductor work?	2
15.	Draw a neat labelled diagram of an electroscope.	2
16.	There was a sudden thunderstorm when Rahul and his friend Ravi were driving back home. Rahul stopped the car and came outside and stood under a tree while Ravi decided to be inside the car. Who do you think did the right thing and why?	2
17.	Explain the process of lightning.	3
18.	List three effects of an earthquake? List any two measures you can take to protect yourself during an earthquake.	3
19.	How does an earthquake occur? What are seismic or fault zones?	3
20.	What is a seismograph? How does it work?	3