



**INDIAN SCHOOL MUSCAT
MIDDLE SECTION**



SUBJECT: SCIENCE

REVISION WORKSHEET #12

TOPIC: SOME NATURAL PHENOMENA

CLASS: VIII

RESOURCE PERSON: Mrs. PREETHI NAIR

DATE: / 01 /19

Name of the student _____ Sec _____ Roll no _____

Q.1. Name the scientist who showed for the first time that lightening and spark from our clothes are essentially the same phenomena.

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Q. 2. Do you think lightning could occur if air and cloud were good conductors of electricity? Explain.

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Q.3.What are the uses of an electroscope?

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Q.4. Sunil is in a forest, suddenly thunder storm came, what he should do?

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Q.5.During a thunderstorm, Sanker has to make an urgent call. Which is a better option, landline or mobile, why?

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Q.6. Why can't a copper rod be charged by friction?

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Q.7. Mention three ways in which a body can be charged.

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Q.8.What is earthing?

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Q.9.What is the nature of charge on the metal cap and on the leaves of the uncharged electroscope when a negatively charged body is brought in contact with its metal cap?

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Q.10. How does lightning occur?

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Q.11. Explain why, when two bodies, charged by rubbing them together, acquire equal and opposite charge?

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