



INDIAN SCHOOL MUSCAT
MIDDLE SECTION



SUBJECT: SCIENCE

REVISION WORKSHEET: 11

TOPIC: MATERIALS: METALS AND NON METALS

STD VIII

RESOURCE PERSON: Ms. VIDYA MENON

DATE: /11/18

Name of the student _____ Sec _____ Roll No _____

Q.1. Identify the non metal

- a) added in fertilizers. _____
- b) used for water purification. _____
- c) used for respiration. _____
- d) used in crackers. _____

Q.2. Identify the properties of metals that are used in a) making silver foil b) bells. How are these properties different from that of non metals?

Q.3. Why do copper vessels turn green when exposed to moist air for a long time?

Q.4. What is the nature of metallic oxides? Explain with an equation.

Q.5. Give reason.

- a) White Phosphorus is stored in water.

b) Sodium is stored in kerosene.

Q.6. How do metals and non metals react with acids?

Q.7. Define displacement reaction.

Q.8. What is meant by reactivity series?

Q.9. Name a metal and non metal that are good conductors of electricity.

Q.10. What is the test for hydrogen gas?

Q.11. Write the equation for rusting of iron.

Q.12. Complete the following word equations and based on these reactions identify the most reactive and the least reactive metals.

a. Zinc + Copper Sulphate -----> _____

b. Sodium + Zinc Sulphate -----> _____

c. Copper + Sodium sulphate-----> _____

d. Zinc + Sodium Sulphate -----> _____

