



# Primrose Schools

ICSE Curriculum  
(A Unit of Primrose Educational Trust, Chennai)  
An ISO 9001:2015 Certified Institution

## State Purpose of Worksheet – Alternative worksheet 1 [2019– 2020]

[KG Class work/Home Assignment/Alternate worksheet/ Revision Test/Internal Assessment/Formative Assessment/Summative Assessment/Preboard]

<b>Name:</b>	<b>Std: VII</b>	<b>Subject: Chemistry</b>
<b>Date:</b>	<b>Term: III</b>	<b>Topic: Metals and Non Metals</b>
<b>Maximum Marks: NA</b>	<b>Time Duration: 30 min</b>	<b>Type of Assessment ( alternate assessment):NA</b>

### I. Fill in the blanks.

- The corrosion of iron is called \_\_\_\_\_.
- The eating up of metals by action of air, moisture or chemicals like acid is called \_\_\_\_\_.
- Metals are \_\_\_\_\_ conductor of electricity.
- \_\_\_\_\_ is the purest form of iron.
- \_\_\_\_\_ is used in extraction of gold and silver.
- \_\_\_\_\_ is used as drying agent.
- Abbreviation of TNT \_\_\_\_\_.
- Haber's process is used for manufacture of \_\_\_\_\_.
- Vulcanized rubber contains \_\_\_\_\_.
- \_\_\_\_\_ is used as antiseptic and disinfectant.
- Silicon and germanium both are examples for \_\_\_\_\_.
- \_\_\_\_\_ used in making transistor and integrated circuit.

**II. Choose the correct answer.**

1. Greenish yellow toxic gas \_\_\_\_\_ (chlorine/bromine)
2. Sides of safety matchbox are made up of \_\_\_\_\_ (phosphorous sulphide/hydrogen sulphide)
3. \_\_\_\_\_ is used as a propellant for space craft (hydrogen/oxygen)

**III. Differentiate the following.**

1)

Plastic coating	Enamel coating

2)

Corrosion	Rusting

3)

Electroplating	Chrome- plating

IV. Answer the following.

### Metals , Nonmetals and Metalloids

H																	He																														
Li	Be											B	C	N	O	F	Ne																														
Na	Mg											Al	Si	P	S	Cl	Ar																														
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr																														
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe																														
Cs	Ba		Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn																														
Fr	Ra		Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Uut	Fl	Uup	Lv	Uus	Uuo																														
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>La</td><td>Ce</td><td>Pr</td><td>Nd</td><td>Pm</td><td>Sm</td><td>Eu</td><td>Gd</td><td>Tb</td><td>Dy</td><td>Ho</td><td>Er</td><td>Tm</td><td>Yb</td><td>Lu</td> </tr> <tr> <td>Ac</td><td>Th</td><td>Pa</td><td>U</td><td>Np</td><td>Pu</td><td>Am</td><td>Cm</td><td>Bk</td><td>Cf</td><td>Es</td><td>Fm</td><td>Md</td><td>No</td><td>Lr</td> </tr> </table>																		La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr
La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu																																	
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr																																	

Identify each element as a metal, nonmetal or metalloid.

Copper	
Oxygen	
Boron	
Potassium	
Silicon	
Helium	
Aluminum	
Hydrogen	
Calcium	
Polonium	

List four physical properties of metals, nonmetals and metalloids.

Metals	Nonmetals	Metalloids