

CHEMISTRY

Page No. : _____

Date :

PROJECT CLASS IX

TOPIC :- HYDROGEN

SUB-TOPICS:-

1. Lab preparation of hydrogen -
Reactants used, reason for using zinc, impurities in the gas, their removal and the precautions in the collection of the gas must be mentioned. Balanced chemical equation should be given. Procedure must be mentioned along with a labelled diagram.
2. Industrial manufacture of hydrogen [Bosch Process].
 - Main reactions and conditions
 - separation of CO_2 and CO from hydrogen
3. Physical Properties of hydrogen
4. Chemical Properties of hydrogen -
- Reactions of hydrogen with metals and non-metals.
5. Uses of hydrogen

Points to be noted while preparing the project:-

1. Name of the Topic
2. Acknowledgement
3. Introduction to the main Topic
4. Index
5. Project
6. Bibliography