Activity Worksheet

Challenging brain

Sub : Science **Grade: X** **Date: .....**

Name: ..... **ID No.....**

Group Creative Writing

Directions: As a group, you have 25 minutes to discuss and write the procedure of an activity for studying the chemical properties of metals by observing their reactions with air, water and acids using the material in the box.

Materials required

Strips of magnesium, aluminium, zinc, iron and copper; burner, test tube, a pair of tongs, match box, beaker, blue and red litmus papers and dilute hydrochloric acid.

Procedure

Results:

1. _____, _____ and _____ metals react with hot water.
2. _____ and _____ metals neither react with cold water nor with hot water.
3. _____ oxides are produced when metals are burnt in air and their solution in water turns _____ litmus into _____.
4. The order of reactivity of metals with dil. HCl is _____ .
5. _____ gas is produced when metals react with dilute hydrochloric acid.

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