



Provincial Department Of Education – Sabaragamuwa
WEEKLY SCHOOL

Subject : Science

Grade 7

Week : 15th of 1st Term

Unit 5 – Acid and Bases(2)

➤ Identification of acids and bases



Activity 5.3

Prepare some of the above indicators. Add some drops of those indicators to the solutions given in the following table and record the colour you observe.

Table 5.2 ▼

| Liquids/ Solutions | Indicators prepared | | | |
|-----------------------|-----------------------|--|--|--|
| | Turmeric boiled water | | | |
| Lime juice | | | | |
| Vinegar | | | | |
| Lime water | | | | |
| Soap water | | | | |
| Shampoo | | | | |
| Soda water | | | | |
| Colourless soft drink | | | | |
| Common salt solution | | | | |
| Sugar solution | | | | |
| Glucose solution | | | | |
| Kerosene | | | | |

Assignment 5.1

- prepare a list of acids and bases that can be seen in the laboratory.

Assignment 5.2

- fill in the table given below by using the text book.

| Indicator | Nature of the Indicator | Colour with Acidic substances | Colour with basic substances |
|-----------------|-------------------------|-------------------------------|------------------------------|
| Blue litmus | | | |
| Red litmus | | | |
| pH papers | | | |
| Phenolphthalein | | | |
| Methyl Orange | | | |