



Provincial Department Of Education – Sabaragamuwa
WEEKLY SCHOOL

Subject : Science

Grade 7

Week : 14th of 1st Term

Unit 5 – Acid and Bases(1)

➤ **Identification of acids and bases**

- Write down the natures of each one below.
 - Acids
 - Bases
 - Neutral Substances

Activity 5.1

You will need :-
Some shoe flowers, lime juice, vinegar, soapy water, lime water, ash dissolved water, common salt solution, water

Method :-

- Boil the shoe flowers and prepare a solution.
- Put equal volumes (2 ml) of solutions given in the table below into separate test tubes.
- Put two drops of shoe flower boiled water into each test tube and shake well.
- Record your observations in the Table 5.1.




Figure ▲ 5.2

Table 5.1 ▼

Solution	Acid/base/neutral	Colour given with shoe flower solution
Lime juice	acid	
Vinegar	acid	
Soap water	base	
Lime water	base	
Ash mixed water	base	
Common salt solution	neutral	
Water	neutral	

- The solutions/things that give different colours with acids and bases are known as
- write down some indicators which You can prepare by using materials in the natural environment.

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