



# NATIONAL PROGRESSIVE EDUCATION TRUST'S ENGLISH MEDIUM SCHOOL BELGAUM

## HOLIDAYS HOME WORK

Subject: SCIENCE

Class: VII

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### **CHEMISTRY:**

#### **ACTIVITY 1: ACID BASES AND SALTS**

1. Do an indicator test by using turmeric indicator or litmus paper for the following substance. And stick the pictures of experiment in your fair book as proof.

Soap, shampoo, handwash, lemon, conditioner

#### **ACTIVITY 2: PHYSICAL CHANGE AND CHEMICAL CHANGE**

1. Melt some ice in a glass or plastic tumbler in the sun. Then place the glass in freezer. Observe this change and explain what type of change it is?

2. Take some lemon juice and baking soda mix them well when baking soda is mixed with lemon juice, bubbles are formed with the evolution of a gas. What type of change is it? Explain.

3. When a candle burns, both physical and chemical changes take place. Identify these changes. Give another example of a familiar process in which both chemical and physical changes take place.

### **BIOLOGY:**

1. Prepare a working model on any of the below mentioned topics:

Food and Technology, Universe and Environment.

2. Make a Mind-Map on the chapter: Nutrition in Plants.

3. Draw a neat labelled heart diagram 5 times. (refer page no: 124)

4. Make a list of wild animals found in your locality.

### **PHYSICS:**

1. State two properties of light.

2. Name any four different sources of light.

3. What is a battery?
4. Define current.
5. Difference between conductors and insulators.