

CLASS-VII

SCIENCE HOLIDAY HOMEWORK

Activity 1: Debate whether shearing a sheep to get wool is good or bad by writing down few points supporting your answer.

Activity 2: Take a piece of bread sprinkle some water, put it into a warm place and observe it. Did you observe any patches on the bread piece. How many different types of patches did you observe?

Caution : DO NOT take the bread piece close to your face or smell it.

Activity 3: Make a compost PIT in your house/garden/farm, collect all biodegradable waste from kitchen and use to prepare compost. Also tell the advantages of compost over fertilizers.

Activity 4: Collect information on the prevailing virus which has caused havoc in our lives. Do a survey on any one of the topic and tabulate your result and prepare an analysis table in the form of graph, bar or pie chart.

- (i) Impact of lockdown on the lifestyle of people.
- (ii) Impact of lockdown on the environment.
- (iii) Impact of lockdown on the mental status of people especially children.

Activity 5: Make your own Litmus paper at home using Turmeric powder. (Refer the following links: <https://youtu.be/KkAsUpkvTo> <https://youtu.be/pL-xdGjJ7Lg>) Now test various samples and find out their nature to be acidic or basic or neutral using the indicators. List out the colour changes.

Indicator used : Turmeric				
Substance/Solution	Colour change	Acidic	Basic	Neutral
Lemon juice	Red	Yes	-	-
Soap solution				
Tamarind juice				
Baking soda dissolved in water				
Milk				
Butter milk				
Water				
