

CLASS-VI

SCIENCE HOLIDAY HOMEWORK

Activity 1: a. Collect some Seeds of Fenugreek (Methi), Green gram and Tomato.

b. Soak and sow it in a soil. Observe the changes in the germinated seeds , complete the below given tabular column based on your keen observations.

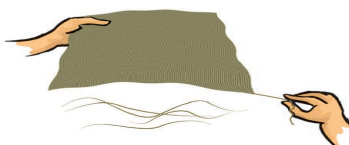
Different types of Seeds	Colour of seed before sprouting	Number of days taken by the seed to sprout	Number of leaves in first week after seeds were sown	Draw the shape of leaf	Number of days taken for the sprout to grow completely
Fenugreek (Methi)					
Green Gram					
Tomato					

Activity 2: a. Collect pieces of various fabrics already there in your house or from a tailor shop.

b. Try to find out the nature of the fabric in terms of colour, texture and pattern of the thread etc.

Name of the fabric (Woolen, cotton, silk, Lenin, nylon etc.)	Nature of fabric (Natural / synthetic)	Colour of the fabric	Texture of the fabric	Draw the Pattern of the thread woven	Stick the piece of fabric

Activity 3: Take a piece of fabric, observe the long thread arranged in a particular manner. Now pull each thread from the fabric.



- Could you pull out each thread as shown in the figure above. What did you observe ? Could you pull the thread easily or had some difficulty?
- Try the same with some of the fabrics like woolen , silk , cotton , jeans, nylon etc. Did you find it easy to pull out the threads?
- Which among these fabrics did you find it tough to pull the thread out and why?

Activity 4: a. Take a small ball of cotton . Slowly pull the cotton apart, pinch, twist and turn it into cotton wool.

b. Take a thread separated from the piece of fabric. Observe and compare with the cotton wool that you have made in step a.

Activity 5: Take two sheets of paper of different colours(You can also use two different

coloured woolen threads). Cut square pieces of length and width equal to 30cm from each sheet. Cut the papers length wise strips and weave the strips one by one through the cuts in the sheet of paper as shown. (You can also refer to the link : <https://youtu.be/QW2zwr6txdo>)



Activity 6: Look around yourself for nearby object and sort them by the material into living and non living things. (Like wood, plastic, paper, plants, iron, stone, steel, dog etc)

Activity 7: a. Take some substances like Salt, sugar, glucose, ORS, cold-drink, fruit juice, While paper, book, chalk dust, sawdust etc .

b. Now check if these substances completely dissolves in water or not. First example is done just for you.

Name of the substance	Soluble in water	Insoluble in water
Salt	Yes	-
Sugar		
Paper		
sand		
Chalk		
Glucose		
Soap powder		

Activity 8: Check the transparency of paper using light

- Take two pieces of paper .
- On one [piece of paper add a drop of oil and keep it aside for a while .
- Now compare both the pieces of paper . Now shine a light using torch and find out if the light can pass through both the papers.

Activity 9: Observe the stem of the various plants around you look at the place from where branches appear and classify them into shrubs herbs trees.

Activity 10: list out the safety measures that you have taken care during this Covid -19 Pandemic.
