

KENDRIYA VIDYALAYA, IIT CAMPUS, CHENNAI - 36

CLASS : VI HOLIDAY ASSIGNMENT

SUB: SCIENCE

Marks : 20

1. Write the results of the following activity in a A4 sheet.

a) You have tried a number of methods to separate impurities like mud from water. Sometimes, the water obtained after employing all these processes could still be little muddy. Let us see if we can remove even this impurity completely. Take this filtered water in a glass. Tie a thread to a small piece of alum. Suspend the piece of alum in the water and swirl. Did the water become clear? What happened to the mud? (refer p.no 45 – NCERT science book)

b) Observe preparation of dishes at your home. Identify two changes that can be reversed. (refer p.no.51 – NCERT science book)

2. Paste the pictures of first aid method for “Bone fracture” and write the treatment for the same.

3. Prepare a album of different shape leaves (refer p.no. 94 – NCERT Science book)

4. Prepare a “Home made torch”. (refer p.no. 119 –NCERT science book)

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HOILIDAY HOME WORK .

CLASS -VII

Subject : Science

Autumn Break

1. Write the changes that occurs around us... and classify them as physical changes and chemical changes?
2. Write about chemical changes that takes place during rusting of Iron and burning of magnesium ribbon?
3. Suggest some ways to prevent the rusting (Corrosion).
4. Collect the different types of soil and write about their properties ?
5. Collect the different samples of soil and determine their percolation rate?
6. Study and draw the soil profile ?
7. Write about the various types of soil that are suitable for major agricultural crops.
8. Write types of soil used for construction of buildings ?
9. Discuss about the soil formation.
10. Write about the crystallization of copper sulphate.

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CLASS : VIII

SCIENCE HOLIDAY H.W. (18.10.15 TO 27.10.15)

1. Conduct of survey of fifty homes and find out the types of fuel used in these homes for domestic purposes. (kerosene , LPG , any other)
2. Visit a petrol pump and observe for an hour . note the number of vehicles and the type of fuel and quantity filled during the period .

OR

3. Adopt a wildlife-know more about a wildlife and present the information in the format given.
(picture , name , what you would call it , food habits , where it lives , where it is usually found and any other interesting fact about it .
Make a model of musical instrument of your choice or a periscope , or kaleidoscope and explain its workings.

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HOLIDAY HOME WORK

CLASS X

1. Search the internet or library to find out what hazardous materials have to be dealt with the disposing of electronic items. How would these materials affect the environment? Find out how plastics are recycled. Does the recycling process have any impact on the environment?
2. Newspaper reports about pesticide levels in readymade food items are often seen these days and some states have banned these products. Debate in group the need for such bans.
What do you think would be the source of pesticides in these food items? Could pesticides get into our bodies from this source through other food products too? Discuss what methods could be applied to reduce our intake of pesticides.
3. Write about the process and chemicals (or) elements used in Kalam stunt and the Callipers made by Dr. APJ Abdul Kalam for physically challenged students.
4. -Take a potato and observe its surface. Can notches be seen?
- Cut the potato into small pieces such that some pieces contain a notch or a bud and some don't.
- Spread some cotton on a tray and wet it.
- Place the potato pieces on this cotton.
-Note where the pieces with the buds are placed.
- Observe changes taking place in these potato pieces over the next few days.
-Make sure that the cotton is kept moistened.
-Which are the potato pieces that give rise to fresh green shoots and roots?

CLASS IX

1. Many municipal cooperation are trying many water harvesting techniques to improve the availability of water. Find out what these techniques are and how they would increase the water that is available for use.
2. Rabies virus is spread by the bite of infected dogs and other animals. They are anti-rabies vaccines for both humans and animals. Find out the plan of your local authority for the control of rabies in your neighbourhood. Are these measures adequate? If not what improvements would you suggest?
3. Draw the structure of human ear and label the parts.