

Holiday Homework: 2018-2019

Class-VII

Holiday homework is a collection of ideas transformed into suggestive activities that are creative, interesting, meaningful, and interactive and provide an opportunity to students to enhance their learning and knowledge. Saving environment is an important step towards making a sustainable and safer future, be a green crusader and spread awareness through given set of activities.

GENERAL INSTRUCTIONS

1. Holiday homework for all the subjects is to be done on A-3 size sheets compiled together.
2. The folder to keep A-3 size sheets should be made in a creative manner.
3. Paste relevant pictures according to the topic.
4. Use biodegradable material for models (example: bangles ,tetra packs ,waste plastic ,packaging material ,old clothes, dupattas, beads ,friendship bands ,etc.

ENGLISH:

1. Read: 'A Tale of two Cities' by Charles Dickens and write character sketch of your favorite character in 100-150 words.
2. Take any waste product and transform it into useful item. Write a paragraph of about 200-250 words sharing your experience and feelings before and after the transformation of waste product.
3. Watch a 'Harry Potter' movie and briefly write the story in your own words.
4. Write a self composed poem on 'Reign of Recycling'.

MATHS:

1. Make a bar graph on different types of wastes released by any one hotel along with the percentage in the year 2017. Imagine yourself as a manager of the hotel and suggest steps taken to reduce wastage. For example: metals, paper, chemicals, water etc.
2. Prepare a quiz for Math-e-mania of at least 10 questions from the chapters listed below according to roll numbers
 - INTEGERS (1-11)
 - FRACTIONS AND DECIMALS (12-25)
 - RATIONAL NUMBERS (26-35)

SST:

1. Prepare a collage on A-3 size sheet on articles and advertisements based on waste management from newspapers/magazines/calendars.
2. 'Feed people not landfills'. Landfills contribute towards pollution. Keeping this in mind our school organized a langar on 8 may 2018. List out the attempts made by the school to reduce wastage during langar.
3. List top 5 countries that import garbage. Compare waste management system of India with rest of the world.

GENERAL AWARENESS: Make an album on acts of humanity performed by you during vacations. Click pictures and write 2-3 lines describing every situation. Example: helping needy/poor, helping mother in kitchen, serving food to Grandparents etc.

SCIENCE:

1. Visit a nearby nursery or botanical garden and learn about the process of vermicomposting and organic composting. Click pictures and paste them on A-3 size sheets stating how it contributes towards recycling of waste.
2. Take a used Pepsi can and decorate it by giving it a look of a bird/animal or face of humans. A waste CD can be used to make its stand. Plant a herb/climber and nurture it. Bring it to school after holidays.
3. Surf the internet and make organic compost at home.[refer: <https://youtu.be/WOQZuUHYInk>]

CREATIVE CORNER:

Imagine yourself as a 'green ambassador' of your country. Write your role in contributing towards making your planet more clean and green.

ECO CLUB:

Explore and make a homemade air purifier.

ART AND CRAFT

1. Make a handmade pot with waste towel with cement.
2. Make one canvas

COMPUTER:

Make a 3-D chart on how can we live in cloud computing to minimize e-waste.

USE WASTE MATERIAL AND BIODEGRADABLE PRODUCTS TO PREPARE THE FOLLOWING PROJECTS ACCORDING TO YOUR ROLL NUMBER.

1. Model of incinerator for waste disposal along with chart describing the process. [Roll no: 1-4]
2. Model of cyclic organic farming and a chart showing its advantages. [Roll no: 5-8]
3. Model of paper recycling plant and a chart depicting its utility. [Roll no 9-12]
4. Sewage Water Treatment Plant and the related chart. [Roll no 13-16]
5. Model showing on factories, landfills, vehicles contributing towards land, air and water pollution and chart depicting health hazards caused by pollution. [Roll no 17-21]
6. Model for generating electricity using vegetables (tomato, potato, used lead pencils etc). Draw a chart explaining the process and its advantages. [Roll no 22-25]
7. Make a model on disposal of different types of waste using 6 colored dustbins e.g. plastic (yellow), paper (blue), glass (green), metal (red), organic (brown) and e-waste (orange). Used paper glasses/coke tins etc can be taken. [Roll no 26-29]
8. Make a model showing biogas generation out of animal and plant matter and explain the process with the help of chart. [Roll no 30-35]
9. a) Prepare a chart stating the purpose of segregation of waste and meaning and need of 4R's (recycle, reduce, refuse, reuse). [Roll no 1-17]
b) Make a chart on plastic man of India who made a significant contribution in utilizing waste plastic for construction of roads, tiles, bricks etc. [Roll no 18-35]

हिन्दी

- 1) 15 दिन के समाचार पत्र पढ़िए और भारत में हो रहे विकास कार्यों से संबंधित समाचार काटकर A-3 शीट पर चिपकाएँ तथा उन समाचारों पर अपनी प्रतिक्रिया लिखिए।
- 2) हिन्दी के प्रसिद्ध लेखकों और कवियों के नाम की शब्द सीढ़ी बनाइए।
- 3) भारत के दस बड़े शहरों में प्रदूषण के स्तर को घटते हुए क्रम में ए-3 शीट पर अंकित कीजिए और प्रदूषण को कम करने हेतु उपाय भी लिखिए।
- 4) खेलों की अनिवार्यता को समझते हुए एक नया खेल सीखिए और उसके विषय में अपनी प्रतिक्रिया लिखिए।