



**G.D. GOENKA PUBLIC SCHOOL, SILIGURI**

**CLASS: VI**



**Name:** \_\_\_\_\_, **Sec:** \_\_\_\_\_ **Roll No.:** \_\_\_\_\_

**GENERAL INSTRUCTIONS:**

- Complete your assignments using A4 sheets. Write the subject in the centre of the page.
- Write your name, class and section on the top right hand side on each sheet
- Use the first page of this file as the Cover Page of your Holiday Homework and submit the same in a slip folder or clear file on re-opening of School.



## **PART 1**

### **INTEGRATED HOLIDAY PROJECT**

#### **SCIENCE | MATHEMATICS | SOCIAL SCIENCE**

*We do not inherit the earth from our ancestors, we borrow it from our children.*

*Native American Proverb*

#### **AN UNDERSTANDING OF SUSTAINABILITY AND WASTE MANAGEMENT**

The Ministry of Environment and Forests, Government of India notified the Hazardous Waste (Management and Handling) Rules in the year 1989 under the Environment (Protection) Act, 1986. Thereafter the Rules were amended twice in the years 2000 and 2003. As per the latest amendment Rules of 2003, the Board has made an inventory of hazardous waste generating industries in the state of West Bengal. There are 609 hazardous waste generating units in West Bengal. Amongst the nineteen districts of the state, two districts (Darjeeling and South Dinajpur) do not generate hazardous waste. The total quantum of hazardous waste generation from West Bengal is 2,59,776.24 metric tonnes per annum (MTPA), out of which 46 per cent (1,20,596.41 MTPA) is land fillable, 49 per cent (1,26,596.38 MTPA) is recyclable and the remaining 5 per cent (12,583.45 MTPA) is incinerable by nature.

## MATHEMATICS

With reference to the table below, answer the following questions:

- Name the district in who is generating the highest hazardous waste in West Bengal?
- Find the difference between the highest and lowest disposable waste in West Bengal?
- Round off the disposable waste of Burdwan to nearest tens and recyclable waste to nearest hundreds (excluding decimals)?
- Draw a bar graph using different coloured papers for the first six districts given in the table (taking X axis name of the districts and Y axis number of units of hazardous waste)
- Compile your work in A4 sheets.



### **DISTRICT WISE BREAK-UP OF HAZARDOUS WASTE GENERATION IN WEST BENGAL 2006-2007**

Districts	Total no. of hazardous waste generating units in operation	Total hazardous waste generation (in MTA)			
		Disposable	Recyclable	Incinerable	Total
24 Pgs (N)	82	775.853	7500.1126	28.27	8304.24
24 Pgs (S)	60	24300.53	1407.06	66.51	25774.10
Bankura	5	45980.70	7.50	-	45988.20
Birbhum	2	3.00	1.00	-	4.00
Burdwan	31	32656.23	106999.12	8357.66	148013.01
Coochbehar	1	-	3.69	-	3.69
Purba Midnapore	24	4901.01	990.48	2247.42	8138.90
Hooghly	50	7328.61	551.14	333.13	8212.87
Howrah	155	2287.00	7323.61	258.40	9869.00
Jalpaiguri	13	149.71	18.48	79.33	247.52
Kolkata	156	571.56	1132.39	683.03	2386.99
Malda	1	-	-	10.80	10.80
Murshidabad	1	-	180.00	-	180.00
Nadia	11	511.00	251.08	216.01	978.08
North Dinajpur	1	-	-	0.84	0.84
Purulia	2	-	45.06	-	45.06
Paschim Midnapore	14	1131.21	185.68	302.05	1618.94
<b>Total</b>	<b>609</b>	<b>120596.41</b>	<b>126596.38</b>	<b>12583.45</b>	<b>259776.24</b>

## SCIENCE

With reference to the data given it appears that the Government of West Bengal is aware of the solid wastes produced in the state. The Government is taking the initiative to manage it. However, we, the people of West Bengal feel that there are still lots of issues regarding an appropriate dumping zone, proper methods of dumping, consistency in dumping, etc.

Therefore, we being caring citizens, it's our duty to find practically feasible solutions to convert this **waste to best**.

- a) Think deeply about the solution(s) that you can suggest to convert this **waste to best**. (Hint – various types of composting)
- b) Prepare an awareness flyer of A4 size paper regarding the problem stated in the passage.
- c) You can paste the pictures along with brief write ups.
- d) Please don't forget to write a catchy title in your awareness brochure.
- e) Try to be creative.

## SOCIAL STUDIES

One of the most important functions of a Municipality is to look after public health. The improper waste disposal cause diseases such as malaria and dengue that threaten to become an epidemic very easily. In most of the cities of West Bengal, it becomes very difficult for the municipality to check the outbreak of such diseases.

Therefore, write a report on the measures the Municipality has currently taken in your town/ city taken to ensure cleanliness: (80- 100 words)

- a) Garbage disposal
- b) Mosquito eradication
- c) Spraying of pesticides.

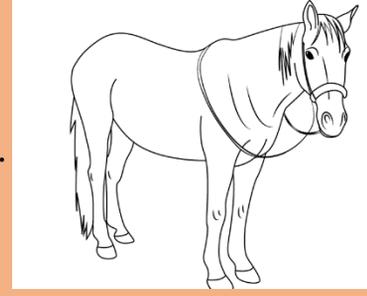
## LANGUAGE ASSIGNMENT

### ENGLISH

Read the poem 'The Old Brown Horse' by W. F Holmes from your Oxford English Literature (MCB). Based on your understanding of the poem prepare a PowerPoint Presentation comprising of 6-8 slides.

Include the following points in your PPT:

- Summary of the poem in a short paragraph. (80-100 words).
- Animals have a lot in common with human beings. Do you agree? Give your views with examples from the poem.
- Imagine you see a pet being treated badly by its owner. Make a Poster to spread awareness in your locality to stop or prevent 'cruelty towards animals'.



Please note the following:

- Submit your PowerPoint Presentation in a CD with your name, class and section mentioned on it.
- Prepare the poster on a piece of chart paper cut into A4 size.

### HINDI

*“पर्यावरण की रक्षा, मानव की सुरक्षा” विषय पर एक निबंध लिखें  
(कम से कम 100 से 150 शब्दों में)*

### NEPALI

जातीय कवि अगमसिंह गिरीको चित्र सहित् साहित्यिक परिचय ले

