



School Code 25073

CBSE Affiliation No. 1630328

BAWA - LALVANI PUBLIC SCHOOL

**BLPS IS A PLACE THAT GIVES YOU
SOMETHING TO TAKE HOME TO THINK
ABOUT BESIDES HOMEWORK.**

SUMMER HOLIDAYS

BRAINSTORMER

GRADE - X

"The future belongs to those who understand that doing more with less is compassionate, prosperous, and enduring, and thus more intelligent, even competitive."

THEME: DOMESTIC WASTE MANAGEMENT

General Instructions –

- Use A4 ruled sheets for all subjects.
- All subjects assignments to be compiled and spiral bound.
- Concatenation to be followed- Eng, Hindi, Mathematics, Science, Social Science, Punjabi and ICT.
- Prepare Index for each Subject.
- Download the cover page and to be used as cover page of your home assignment File.

Art and Skill Development Activity –

- Prepare Dustbins out of Domestic Waste, color as Yellow, Green and Blue and label them.

DOMESTIC WASTE MANAGEMENT

ENGLISH

1. At Domestic Level what are the causes or sources of waste. Write a speech on effective waste management incorporating three R's REDUCE, REUSE & RECYCLE.
2. In India we are following a Project 'Swachh Bharat Abhiyan' under the present government. Write a letter (200-250) to your Principal. How will you inculcate the same at School level.
3. Make a list of organisations in your country that are involved in managing waste. Write Description (100-120) words about your observations, learning and your recommendation on the subject. Add photos in your description from internet.
4. Write book review on " Story of my life" .
5. Do the worksheet given on A4 sheets.

SOCIAL SCIENCE

Prepare a project on the topic 'Domestic Waste Management'. Include its Introduction, Need, Various ways to manage (e.g Traditional, Domestic), Policies adopted by government to manage the domestic waste, Role of citizen of a country, Conclusion. Enrich your project by adding various illustrations (e.g. pictures, flow charts, surveys, collage etc.). Compare the progress of India in domestic waste management with other countries.

HINDI

1. 'घरेलु अपशिष्ट प्रबंधन' विषय पर समाज को सतर्क करने हेतु एक विज्ञापन तैयार करें जिसमें कम से कम पाँच घरेलु अपशिष्ट पदार्थों का प्रयोग किया गया हो।
2. एक स्लोगन से शुरुआत कर 'घरेलु अपशिष्ट प्रबंधन' विषय एक प्रभावशाली भाषण तैयार कीजिए।
संचयन पाठ-1,2,3 के सार को अपनी उत्तरपुस्तिका में लिखिए।

PUNJABI

- (i) ਕੂੜਾ ਕਰਕਟ ਖੁੱਲੇ ਵਿੱਚ ਸੁੱਟਣ ਕਾਰਨ ਪੈਦਾ ਹੋਣ ਵਾਲੀਆਂ ਸਮੱਸਿਆਵਾਂ ਉੱਤੇ ਇੱਕ ਤਿਆਰ ਕਰੋਅਤੇ ਵਿਸ਼ੇ ਨਾਲ ਸਬੰਧਤ ਤਸਵੀਰਾਂ ਵੀ ਚਿਪਕਾਉ।
- (ii) 'ਸਵੱਛ ਭਾਰਤ ਮੁਹਿੰਮ' ਦੇ ਪੱਖ ਅਤੇ ਵਿਰੋਧ ਵਿੱਚ ਦਲੀਲਾਂ 250-250 ਸ਼ਬਦਾਂ ਵਿੱਚ ਲਿਖੋ।

SCIENCE

1. Prepare a working model on a given theme. The themes are as follows:
 - a) Waste Management
 - b) Transport and Communication
 - c) Physical Science
 - d) Biochemistry
2. Make a project file on methods of disposal of "Domestic Waste".

MATHS

1. How India is drowning in garbage. Collect the data for metropolitan cities like Mumbai, Chennai, Delhi, Bengaluru, Kolkata How much they treat their waste and how much is dumped. Prepare a double bar graph for all the cities and analyze which cities is efficient in managing the waste.
2. Do Worksheets related to chapters:
Pair of Linear Equations and Probability

COMPUTER

1. Practical file: (Buy blank practical file from market preferably Classmate or Evergreen. Write steps with pen on right side and paste screenshots on left side.)

Database Design:

Practical 1: How to set primary key on a field of table.

Practical 2: How data is entered in table/records are inserted in table.

Practical 3: How to edit data stored in table.

Practical 4: Create a query using the design view.

2. Design a pamphlet in MS Word based on the techniques to manage domestic waste.
3. Make a project report of 'Comparative case study on domestic waste management in Singapore, Japan and India.'
4. Make a power point presentation with innovative ideas to tackle e-waste management problem.
5. Create account on forumotion.com and visit <http://wastemanagement.forumotion.com> to offer your suggestions on the given topic.

Mathematics-Worksheet No. 1

Topic: Pair of Linear Equation in two Variables

1. The age of the father is twice the sum of the age of two children. After 20 years his age will be equal to the sum of the ages of his children. Find the age of the father?
2. Two numbers are in the ratio of 5:6. If 8 is subtracted from each of the numbers the ratio become 4:5. Find the numbers?
3. There are some student in the two examination halls A and B. to make the number of students equal in each hall, 10 students are sent from A to B but If 20 students are sent from B to A the number of students in Hall A become double the number of students in hall B. Find the number of students in the two Halls?
4. A motor boat can travel 30 km upstream and 28 km downstream in 7 hours. It can travel 21 km upstream and return in 5 hours. Find the speed of boat in still water and speed of the stream?
5. A two digit number is obtained by either multiplying the sum of digits by 8 an then subtracting 5 or by multiplying the difference of the digits by 16 and then adding 3. Find the numbers?
6. A railway half ticket cost half the full fare, but the reservation charges are the same on a half ticket as on full ticket. One reserved firs class ticket from the station A to B cost Rs. 2530. Also , one reserved first class ticket and one reserved first class half ticket from A to B costs Rs. 3810. Find the full first class fare from station A to B ad also the reservation charges for a ticket.
7. Vijay had some bananas, and he divided them into two lots A and B. he sold the first lot at the rate Rs. 2 for 3 bananas and the second lot at the rate Rs. 1 per banana and got a total f Rs 400. If he had sold the first lot at the rate of Rs. 1 per banana and second lot at the rate Rs. 4 for 5 bananas. His total collection would have been Rs. 460. Find the total number of bananas he had.
8. In a Deer park, the number of heads and the number of legs of deer and human visitors were counted and it was found that there were 39 heads and 132 legs. Find the number of deer and human visitors.
9. A man bought 4 horses and 9 cows for Rs. 1340. He sells the horses at a profit of 10% and cows at the profit of 20% and his whole gain is Rs. 188. What price did he pay for the horse?
10. The ages of two friends Sunaina and Tanisha differ by 2 years. Sunaina's father is twice as old as Sunaina and Tanisha is twice as old as her brother Shiva. The age of Sunaina's father and his brother Shiva differ by 40 years. Find the age of Sunaina and Tanisha

Mathematics-Worksheet No. 2

Topic: Probability

1. In an experiment, E and F are the only two possible outcomes. If $P(E) = 0.72$, then find $P(F)$.
2. What is the probability of the event. The sun rises in the East?
3. 1000 families with 2 children were selected randomly and the following data were recorded.

No. of boys	0	1	2
No. of families	140	560	300

A family is chosen at random, then find the probability that it has

- (i) No boy
 - (ii) one boy
 - (iii) 2 boys
 - (iv) 2 girls
 - (v) atleast one boy
 - (vi) exactly two boys
 - (vii) atleast one boy .
4. In a cricket match, Shane Warne takes three wickets from every 27 balls he bowls. Find the probability of a batsman not getting out by Shane Warne's bowling.
 5. A mathematics book contains 250 pages. A page is selected at random. What is the probability that the number on the page selected is a perfect square?
 6. The chance of happening of an event is 45%. Find the probability of an event.
 7. While working out a question on probability, it was found that there were 286 letters of English alphabets. The following was observation of occurrence of each letter a: 70, b: 14, e: 26, r: 40 and i: 36. Other (not including vowels) = 100. Find the probability of
 - (i) A vowel and
 - (ii) one other letter
 8. The probability of a student getting A, B, C and D grades are 0.35, 0.25, 0.35 and 0.05. then find the probability that
 - (i) A student gets atleast Grade C
 - (ii) A student gets atleast Grade C
 9. Find the probability that a leap year selected at random will contains 53 Sundays.
 10. Cards marked with a number 2 to 101 are placed in a box and mixed thoroughly. One card is drawn from this box. Find the probability that the number on the card is
 - (i) An even number
 - (ii) A number less than 14
 - (iii) A number which is a perfect square
 - (iv) A prime number less than 20
 11. A number x is selected from the numbers 1,2,3 and then a second from the number y is randomly selected from the numbers 1,4,9. What is the probability that the product oxy of the numbers will be less than 9?
 12. If a number r is chosen at random from the numbers -2,-1,0,1,2. What is the probability that $x^2 < 2$?
 13. A jar contains 54 marbles each of which is blue, green or white. The probability of selecting a blue marble at random from the jar is and the probability of selecting a green marble at random is . How many white marbles does the jar contains?

English-Worksheet

- 1 **The following passage has not been edited. There is an error in each line. Write the incorrect word and the correct word in the answer sheet against the correct blank number:**

“Either you or your friend Shalu have stolen my note book”, shouted Shreya. Neither I nor my friend were your culprit, said Shalu. We both are not in the class since

	Wrong	Right
a)	_____	_____
b)	_____	_____
C)	_____	_____

morning. We are out for the annual day function. But who are the culprit then? asked Shreya. I don't know that but we both were not guilty.

d)	_____	_____
e)	_____	_____
f)	_____	_____

- 2 My day begins on five O'clock in the morning It has been so since the last forty years except for the two years of which I was very ill. I wake up at the sound of an alarm clock bought at 1952. From then until today, it has never My routine, however turns topsy-turvy in holidays where I cannot sleep for ten O'clock.

a)	_____	_____
b)	_____	_____
c)	_____	_____
d)	_____	_____
e)	_____	_____
f)	_____	_____
g)	_____	_____

- 3 Often these days we hear and speak of the conquered in nature, ‘the taming of a river’, ‘the war against insects’ and so on. Often these phrases being used without consciously attaching any value to them, but those have an underlying attitude of hostile towards Nature and Nature’s creatures, a viewpoint which seeming to assume Nature as an enemy that needs to be vanquished. Alternatively, Nature is seen merely as the ‘resource’ to be exploited.

a)	_____	_____
b)	_____	_____
c)	_____	_____
d)	_____	_____
e)	_____	_____
f)	_____	_____
g)	_____	_____
h)	_____	_____

4. **Rearrange the following words and phrases to form meaningful sentences.**

- (i) of mankind / the habit / reading is / one of / resources / of / the greatest /
- (ii) are / we enjoy / that / belong to us / than if / much more / they / borrowed / reading books /
- (iii) book / formality / a certain considerate / must be treated / with / a borrowed /
- (iv) no book / that / afraid to / you should / mark up / own / you are /

July 2018

S. No.	Subject	Syllabus
1.	English	Literature- The Dear Departed (Drama), Not Marbles Nor the Gilded Monuments, A Shady Plot, Ozymandias. M.C.B- Ch -3 Science Novel- Ch- 6 to 13 Writing- Short Story (Revision) Grammar- Modals, Use of passive (Editing or Omissions) Comprehension Practice
2.	Mathematics	Ch. 6. Triangles Ch. 7. Coordinate Geometry Ch. 14. Statistics
3.	Science	Physics - Magnetic effects of current Chemistry - Metal and Non Metals Biology - Control and Coordination
4.	S.Sc	History - Ch -3 Nationalism in India, Ch 6 Work, Life & Leisure Geography - ----- Pol.Sc - Ch-4 Gender Religion and Caste Economics -Ch-2 Sectors of the Indian Economy
5.	Hindi	स्पर्श गद्य खंड -पाठ- ततारा वामीरो कथा काव्य खंड-पाठ-पर्वत प्रदेश में पावस व्याकरण-रचना के आधार पर वाक्य रूपांतर,समास,सूचना लेखन,संवाद लेखन
6.	Punjabi	ਸਾਹਿਤਕ ਰੰਗ:- ਨੰਬਰ ਵੰਨ ਦੀ ਰੇਸ। ਸਾਹਿਤਕ ਕਿਰਨਾਂ:-ਬੀਬੀ ਭਾਨੀ ਜੀ। ਵਿਆਕਰਨ:- ਲੇਖ ਰਚਨਾ, ਇਸ਼ਤਿਹਾਰ ਲੇਖਣ।
7.	Computer	Chapter-3: Introduction to Database. Chapter 5 : HTML-I

August 2018

S. No.	Subject	Syllabus
1.	English	Literature - Patol Babu- The Film Star , The Rime of Ancient Mariner (Poetry), Virtually True M.C.B- Ch-4 Environment Writing - Revision of Formal Letters. Grammar - Subject-Verb Concord Novel - Ch- 14 to 18
2.	Mathematics	Ch. 4. Quadratic Equations Ch. 8. Introduction to Trigonometry
3.	Science	Physics - Sources of energy Chemistry - Revision Biology - How do Organisms Reproduce
4.	S.Sc	History - ----- Geography - Ch-4 Agriculture, Ch 5- Mineral & Energy Resource Pol.Sc - Ch -5 Popular Struggles and Movements(for Activity) Economics - Ch 3- Money & Credit
5.	Hindi	काव्य खंड-पाठ-तौष, पाठ-बिहारी के दोहे। व्याकरण-समास,विज्ञापन लेखन,अपठित गद्यांश,अनुच्छेद लेखन
6.	Punjabi	ਸਾਹਿਤਕ ਰੰਗ:-ਹੈਂਕੜ ਅਤੇ ਹਊਮੈ ਦੀ ਮਾਰ (ਵਾਰਤਕ), ਉੱਡਣਾ ਸਿੱਖ ਮਿਲਖਾ ਸਿੰਘ (ਜੀਵਨੀ)। ਸਾਹਿਤਕ ਕਿਰਨਾਂ:-ਗੁਰੂ ਉਪਦੇਸ਼ (ਕਵਿਤਾ) ਵਿਆਕਰਨ:-ਮੁਹਾਵਰੇ(ਕ ਤੋਂ ਝ ਤੱਕ)।
7.	Computer	Chapter-6: HTML-II