D.A.V. PUBLIC SCHOOL, BERHAMPUR, ODISHA
HOLIDAY HOMEWORK & PROJECT GUIDELINES FOR TERM - I
Std. VIII (2019 - 20)
(TO BE COMPLETED DURING SUMMER VACATION)

C: 41/2019-20   **Dt: 30th April 2019**

Dear Students

1. You are quite aware that your School has closed for Summer Vacation from 22nd April 2019 to 17th June 2019 and shall reopen on 18th June 2019. **However, School office at Gandhi Nagar will remain open during Summer Vacation on all working days for all office related matters.**
2. Please note that bus timing on 18th June is 07:30 am to 11:30 am. Bring 5 period Time Table.
3. Summer Vacation is the longest period of relaxation, as well as of renewing your relationships with relatives and friends especially Grandparents. Spend time with them and learn about various things and values of social life.
4. This is your enjoyable sleep time. Home schooling time, family time, fun time as well as a stress free time.
5. If you visit any interesting places like hill stations, monuments etc .Collect information and share it with your friends.

You Can Surely:-
✓ Learn to prepare Bookmarks for your Text Books and Chalk Boxes for your class.
✓ Learn some stitching patterns, craft items etc.
✓ Do physical exercises like cycling, jogging, swimming etc.
✓ Try to grow plants and make kitchen garden.
✓ Try to help your parents and learn their way of interacting with elders.
✓ Use this vacation as power charger, so as to be a healthier, happier & more relaxed person.
✓ Remember to complete the holiday homework given below along with Project (Guidelines for which are given in this Paper).

A. HOLIDAY HOMEWORK
Read each and every chapter of all the subjects completed in April and complete the following work:
1. **ENGLISH:** EPB- Revise Tenses & complete Tense Chart.
2. **HINDI**   : Abhyash Sagar- Complete Q/A of Chapter 1-5.
3. **ODIA**   : Write an Essay on "Utkal Divas" in 300 Words in Composition Note Book & Write Q/A of Ln 15.
4. **MATHS**   : Learn Square Table from 1-30 and Cube Table from 1-15. Also solve the attached 20 Extra Questions given with this Holiday Homework paper.
5. **G.Sc**   : Read Chaper-19 and try out its Q/A.
6. **S.St**   : Read Chapter-8 and try out its Q/A.

B. GUIDELINES FOR INTEGRATED INTERDISCIPLINARY PROJECT (I.I.P)
1. Carefully read the details regarding the I.I.P.
2. Each Student will have to prepare an I.I.P covering subjects given below. Cover page: Your name, class, section, roll no. is to be written on the cover page aesthetically decorated and eye catching.
3. The project should be handwritten by the students themselves.
4. It should be written in A4 size papers only.
5. Pages to be numbered as follows:
   a) Page- 01   : Cover Page
   b) Page- 02   : Index
   c) Page- 03   : Acknowledgement
   d) Page- 04   : Introduction
   e) Page- 05, 06 : G.Sc
   f) Page- 07, 08 : S.St
   g) Page -09,10 : Maths
   h) Page -11   : Conclusion

6. Topic of the Project: HARNESSING ENERGY (A Boon to Mankind)
7. **G.Sc:** "Nuclear energy is a carbon free energy source and can provide a major solution to global warming". Justify this statement with five points. Based on this statement write a slogan or draw a poster.
8. **S.St:** On the Political Map of India, locate and label the leading state with respect to the reserves of Coal, Iron-Ore, Bauxite, and Petroleum. How does coal mine help in the Economic development of India? Write in five points.
9. **Maths:**
    a) Collect data of electrical consumption of last 5 months of your house in a Tabular Form.
    b) Make a table to find out the amount of electricity used by the different electrical devices, given in the following list. (Bulb, Tube-light, LED, fans etc.)
10. **English:** Write an article on the topic "Depleting sources of energy, a threat to human" to be published in your school magazine in about 120 words.
11. Marks in each subject will be awarded based on Project Paper of each subject.
12. Size of the pictures used in all subjects should not be more than 5 cm x5cm.
13. You are expected to keep the Project ready during Summer Vacation. Date of submission will be informed after reopening of School.

NOTE: Fill up Pg No.5 to 8 of School Diary and submit to the Class Teacher on 18th June 2019.

SAMPLE OF FRONT PAGE OF PROJECT

PROJECT
Term – I (2019-20)

Space for Drawing / Pictures

Submitted By:
Name : _____

Class / Sec _____Roll No._____

D.A.V. PUBLIC SCHOOL, BERHAMPUR

CRITERION OF ASSESSMENT OF PROJECT
1. Timely submission
2. Layout and neatness
3. Flow and continuity of the content (Subject wise)
4. Accuracy
5. Creativity
6. Presentation, Analysis, Correctness and Interpretation of the Project.
7. Picture (Hand Drawn/ Extracted from Journals / Newspaper / Magazine etc.).

Principal In-Charge

<u>**NOTE**</u>: Solve the following Questions in your Mathematics Notebook.

<u>Chapter-1 (Square and square Root)</u>

1. Area of a square plot is 2304m^2. Find the side of the square.
2. Find the square root of 17.64.
3. Find the Pythagorean triplet whose one number is 14.
4. Find the smallest number by which 147 must be multiplied so that it becomes a perfect square. Also find the square root of the number so obtained.
5. Find the least number which must be added to 4931 to make it a perfect square.
6. Find the smallest number by which 9408 must be divided so that it becomes a perfect square. Also find the square root of the number so obtained.
7. A PT teacher wants to arrange maximum possible number of 6000 students in a field such that the number of rows is equal to the number of columns. Find the number of rows if 71 were left out after the arrangement.
8. Find the square root of 11 correct to five decimal places.
9. Find the square root of 14.1369.
10. The cost of leveling and turning a square lawn at Rs. 2.50 per m^2 is Rs. 13322.50. Find the cost of fencing it at Rs. 5 per metre.

<u>Chapter-5 (Profit, Loss and Discount)</u>

1. Sayam allows a discount of 20% and still gains10% on selling an almirah. Find the marked price of an almirah if cost price is Rs. 6000?
2. The difference between two selling prices of a shirt at profits of 4% and 5% is Rs.6. Find (i) C.P. of the shirt (ii) the two selling prices of the shirt.
3. What price should Aslam mark on a pair of shoes which costs him Rs.1200 so as to gain 12% after allowing a discount of 16%?
4. The cost price of 20 shirts is equal to the selling price of 15 shirts. Find the loss or gain per unit?
5. Ram bought a pair of skates from a sale where the discount was 20 %. If the amount he pays is Rs. 1600, find the marked price?
6. After allowing a discount of 12% on the marked price of an article, it is sold for Rs. 880. Find its marked price?
7. Rama and Riti runs a readymade garments shop. They mark the garments at such a price that even after allowing a discount of 12.5%, they make a profit of 10%. Find the marked price of a suit which costs them Rs.2940?
8. By selling 288 hens, Malla lost the S.P. of 12 hens. Find her loss percentage?
9. A discount of 3% is offered on the marked price of sewing machines. What cash amount will a customer pay for a sewing machine, the price of which is marked at Rs.1300?
10. A sells a bicycle to B at a profit of 20% and B sells it to C at profit of 25%. If C pays Rs. 1500, what did A pay for it?

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