



DEWAN PUBLIC SCHOOL

SUMMER HOLIDAY HOMEWORK

SESSION 2023-2024

CLASS VIII



Dear Parents and Students,

It is summer vacation time again, a time to relax as well as to get fruitfully occupied in various scholastic and co-scholastic areas. Keeping this in mind, we have designed interesting Projects / Assignments to be completed during the summer vacation. This would encourage in-depth learning, strengthen concepts and prepare ground for improved academic output.

It will not only enable you to recapitulate what was taught but will also help you to connect yourselves to the various learning processes. These projects will be assessed as Subject Enrichment Activity.

Dear parents, kindly motivate and lend support to your children and ensure that they complete the given work well in time and to the best of their ability. Your encouragement can actually make a huge difference to the ultimate learning outcome of these projects.

MATHEMATICS

ACTIVITY:1

Make a list of Mobile Numbers of your family members. Extract the last 6 digits of the number and determine if they are Perfect square or not. Also write the square root of each.

S.NO.	Mobile No.	Last six digits	Perfect Square (yes/no)	Square root

ACTIVITY:2

Subtopic: Operations on rational numbers.

Description: Twenty caravans are travelling across the desert one day apart. The first caravan reached the oasis and the camels drank half of the water in the pool. On the second day, the second caravan reached the oasis and the camels drank one-third of the water that was left. On the third day, the camels in the third caravan drank one-quarter of the water that was left. On the first day the pool contained 1050 m^3 of water. How much water was left after the 0th caravan passed through.

Hint: Observe the pattern and calculate.

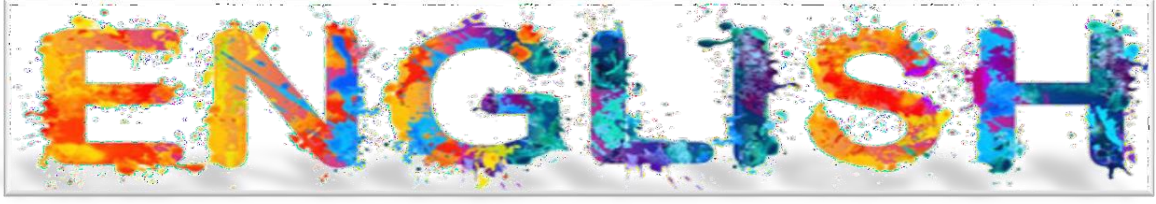
PROJECT-1 (The math and magic of origami)

- How to do- The students will prepare a tessellation using geometrical shapes.
- Where to do- Create 20cm x 20cm tessellation using origami sheets of different colours.

PROJECT-2 (Mathoart)

- How to do- ✓ Roll no.1-15, will make a beautiful poster depicting mathematical tricks.
- ✓ Roll no.16-30 will make a 3-D solid using paper folding.
(eg: cube, cuboid, cylinder, cone, pyramid, prism)
- ✓ Roll no.31-47 will prepare a power point presentation with minimum 8-10 slides depicting different types of polygons.
- Note: show the classification of polygons on the basis of :
 - i) no. of sides or vertices
 - ii) regular or irregular polygons
 - iii) convex and concave polygons.

NOTE: REVISED ALL SYLLABUS OF TEST-1



Activity – Read the proverbs carefully.

- Pick any two proverbs out of these and create attractive book marks. You can also use your own ideas to make them. They must have some meaningful words or phrase.

Sr. No.	Proverbs
1	Where there is a will, there is the way.
2	Better late than never.
3	Action speaks louder than words.
4	All that glitters is not gold.

Note-Read English newspaper daily to enhance your reading skill.

Learn test 1 syllabus covered so far.



1. डिजीभारतम् Sपाठ के आधार पर किन्हीं पांच आधुनिक डिजिटल उपकरणों(Devices) के चित्र सहित नाम लिखें।
2. वर्तमान काल की कोई पांच क्रियाएं चित्र के माध्यम से दशति हुए संस्कृत भाषा में लिखें। (A4 शीट पर)



Activity -1

Make a short video (not more than 2minutes) on Energy Conservation. (Ideas should be innovative and unique and not copy from Internet.) (Video must be send on your subject teacher mobile number.)

Activity–2: Map Activity

Take a map of India and locate the places where the reservoirs of coal, petroleum and natural gas are found. Identify the states where they are found in abundance.

Activity–3: Preservatives

1. To know about the different methods of preservation.

a) Collect the wrappers of frozen and canned food items and milk. Write the name of food items which can be preserve in wrappers and cans.

b) Find about the preservatives present in these food items.

c) List the various preservatives and methods of their preservation.

(Activity 2 and 3 should be on Test Notebook)

NOTE – REVISE FULL SYLLABUS OF TEST -1

socialscience

Make a file having comparative study of Sikkim and Nagaland on the grounds of -
(with pictures)

1. Food
2. Clothes
3. Language
4. Dance forms
5. Religious Communities

Special provisions provided in Constitution



1-मेघालय वअरुणाचल प्रदेश की संस्कृति,वेशभूषा, खानपान पर सचित्र एक परियोजना तैयार कीजिए।

2-हिंदी दिवस के महत्त्व को बताते हुए 1 मिनट की आकर्षक वीडियो तैयार कीजिए।

COMPUTER SCIENCE

(A) Define the following:

1. Modem -

.....

2. Hub -

.....


3. Computer Network -

.....

(B) Create a handmade poster on Cyber Awareness.

(C) Name the following tools of Photoshop:

1. 

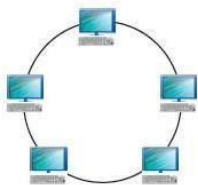
2. 

3. 

4. 



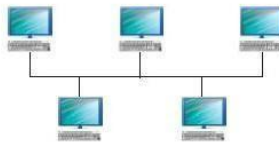
(D) Name the type of topology given below:



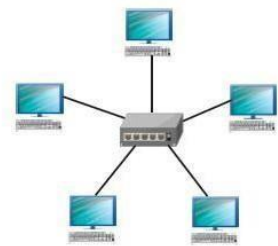
1.



2.



3.



4.



Make any one wall hanging



Happy Holidays!

Enjoy your holidays kids.

Less screen time, more physical activities
and outdoors. Have fun!

