

DELHI PUBLIC SCHOOL, JAMMU
SESSION: 2022 - 23
HOLIDAY'S HOMEWORK

CLASS: XII

SUBJECT: APPLIED MATHEMATICS

Mathematics is not about numbers, equations, computations or algorithms: It is about understanding

➤ **Complete your project on any one the following topics:-**

List of projects:

Project-1

Description:

Project on history of Mathematicians: It may include history of Indian Mathematicians or history of foreign Mathematicians.

Project-2

Description:

Make a model with project report having contents:

- a) What is 3D-snowflake?
- b) Its applications on daily life.
- c) Mathematics involved in it.
- d) Procedure of the model.

Useful link: <http://www.wikihow.com>

Project-3

Description:

1. Look around yourself:

- In the house....
 - In the garden...
 - In the nature....
- So on

2. Click photographs using mobile and explore the hidden mathematics.

Useful link: <http://mykhmsmathclass.com>

General layout of the project report has the following format:

PAGE NUMBER	CONTENT
Cover Page	Name, Class, Roll Number, Title of the project
1	Table of contents-Page titles
2	Brief description of Project
3 to 8 (may change)	Procedure (with pictures)
9	Mathematical ideas used/involved
10	Conclusion/Result
11	List of resources
12	Acknowledgement

➤ **Prepare a power point presentation on the topic Matrices and Determinants. This presentation should describe Matrices and Determinants in detail including all the relevant definitions with examples various concepts and the practical problems.**

NOTE:

1. Send your Holiday Homework by e-mail to your respective subject teacher by 10th of July; 2022. Your submission will carry 4 marks (2 marks-subject Relevance and research, 2 marks- Handwriting).

2. Practice for your Homework/Project presentation (5-6 minutes) to be held during class after holidays.