



Modern International School
Sec-19, Dwarka , New Delhi-75

Class-IX

SESSION -2020-21

SUMMER HOLIDAYS

Dear Parents and students

My humble greetings to all of you.

We have together as a team completed the innovative endeavour of digital online teaching for our children in the stressful and testing times of national lockdown during COVID-19.

I congratulate you for your patience, perseverance and support in making digital teaching learning process a success.

The students need a much awaited break to prepare themselves further to cope with the uncertainty that surrounds us due to the pandemic.



Social Science

PREPARE A PROJECT FILE WITH FOLLOWING DETAILS:

1. The total length of the project report should not be more than 15 written pages of foolscap size (A-4 size) sheet
2. The project report should be handwritten and credit will be awarded to original drawings, illustrations and creative use of eco-friendly material.
3. The project report should be presented in a neatly bound simple folder.
4. The project report should be developed and presented in this order
 - a) Cover page showing project title, student information, school and year.
 - b) List of contents with page numbers
 - c) Certificate page
 - d) Acknowledgements (acknowledging the institution, offices and libraries visited and persons who have helped).
 - e) Chapters with relevant headings.
 - f) Summary and conclusions based on findings.
 - g) Bibliography: should have the Title, author, publisher and if a website the name of the website with the specific website link which has been used.

Mathematics

PROJECTS:

1) COORDINATE GEOMETRY

(Roll No. 1 – 10)

Make an illustrative project file for the following:

- i. Collect 10 cuttings of two-dimensional objects (triangles/various types of quadrilaterals) from the newspapers/magazines etc. and paste them on separate graph sheets.
- ii. Locate their vertices using coordinate axes.
- iii. Find the length of their sides using ruler and calculate their area.

2) STATISTICS

(Roll No. 11 – 20)

Make an illustrative project file for the following:

- i. Choose any 5 wards from South Delhi Municipal Corporation.
- ii. Find the number/names of candidates who contested for the elections from these wards.
- iii. Note their ages and prepare a frequency distribution table for the same taking 25 - 30 as one of the intervals.
- iv. Find the mean, median and mode of the above data.
- v. Construct histogram and frequency polygon for the same taking ages (in years) on x axis and number of candidates on y axis.
- vi. Collect information about qualification of these candidates and prepare a 'pie chart' under the following categories: Illiterate, up to class 10th, up to class 12th, graduate, post graduate and professionals.

3) VOLUMES AND SURFACE AREAS

(Roll No. 21 onwards)

Make an illustrative project file for the following:

- i. Choose any 5 objects which are a combination of two or more 3D shapes (cuboid, cube, cylinder, cone, sphere and hemisphere).
- ii. Measure their dimensions (round off to nearest natural number) and note them in your file.
- iii. Calculate the curved/lateral and the total surface area of these solids.
- iv. Also, find the volume of these solids.
- v. Click pictures of the objects chosen and paste them along with the calculations. (You may also draw the pictures of the objects.)

PHYSICS

1. Make a Chart (any one)
 - Graphical representation of motion ex distance time graph, speed time graphs.
 - Newton's laws of motion.
2. Activities to be done and write the observation in Notebook.
 - Activity 1:** Have you ever experienced that the train in which you are sitting appears to move while it is at rest? Discuss and share your experience.
 - Activity 2 :** At a time when it is cloudy, there may be frequent thunder and lightning. The sound of thunder takes some time to reach you after you seen the lightning. Can you answer why this happens?
3. Working model (Any one)
 - a. Wind Mill Project
 - b. Vaccum Cleaner
 - c. Periscope

BIOLOGY

1. Make a chart of Plant cell and Animal Cell.
2. Make a project on ozone depletion .

CHEMISTRY

1. Make a chart of first 20 elements of periodic table and Mention the name of elements, symbols and atomic number.
2. Make a Thomson Pudding Model.

ENGLISH

1. Create a literary newspaper:
 - Pg1: Describe the following with illustrations (250 words each)- Apartheid, Holocaust
 - Pg2: Describe the given events (250 words each)- CoronaVirus, International Mother, Earth Day and family Day
 - Pg3: Write an article on any one of the following (150 words each)- Social media and Youth, Coping with stress of isolation, Online classes vs Regular classes
 - Pg4: Modern life has paved the way to a mechanical life dependent upon gadgets. They play a significant role in the day to day life of every human being, thus occupying a major part of every household.

2. Present your thoughts on 'Useful aspects of gadgets and their service to mankind' in the most innovative manner possible (with illustrations).
3. Read any one of the books of your choice and write a book review on an A-4/A-3 sized sheet. Guidelines for the review :
 - I. The book's title and author Plot in brief Genre of the book Setting
 - II. Make a creative book jacket for the same. Do not replicate the original cover of the book. The book cover should have the name of the book and the author's name and an illustration. Place your review in the book cover.
 - III. Make a book mark. Decorate it and write an inspirational quotation on it. Laminate and present it beautifully.
4. Complete the attached Grammar Practice work sheet and paste it in your notebook.
5. Match the vocabulary with the correct definition and write the most appropriate word from the words given below for following definition.
 - 1) A person who is on holiday.
 - 2) You put your clothes and things in this when you go on holiday.
 - 3) The place where you go to take a plane.
 - 4) A place to go with your tent or caravan
 - 5) Look at this to help you find places. With this you won't get lost!
 - 6) An official document with your photo. You need it to go to a different country.
 - 7) When you eat outside, normally sitting on a blanket on the floor.
 - 8) You need this paper to get on a train or enter a museum, for example.
 - 9) A place to stay with lots of rooms.
 - 10) If you go camping, you need a caravan or a _____ to sleep in.
 - 11) A house with wheels!
 - 12) Suitcases or bags that you carry when you're travelling.

(a) ticket (b) tent (c) campsite (d) hotel (e) tourist (f) picnic (g) baggage (h) caravan (i) suitcase (j) map (k) passport (l) airport

विषय :-हिंदी

***निर्देश बिंदु:-**हिंदी ग्रीष्मावकाश गृहकार्य को करते समय निम्नलिखित निर्देश बिंदुओं को ध्यान में रखिए :-

१. हिंदी कार्य पर अपना नाम , कक्षा और वर्ग अवश्य लिखिए ।
 २. प्रत्येक कार्य सुंदर व आकर्षक किया जाना चाहिए ।
 ३. हिंदी कार्य को एक अलग फ़ाइल बनाकर कीजिए ।
 ४. फ़ाइल को परियोजना - कार्य के रूप में प्रस्तुत किया जाना आवश्यक है ।
 ५. लेखन - प्रक्रिया का ध्यान रखे ।
 ६. कार्य को समय पर पूरा करें ।
- (1) .निम्नलिखित विषयों में से किसी एक विषय पर सुंदर पोस्टर-बनाए :-
- (क) घर पर रहें सुरक्षित रहें
(ख) सामाजिक दूरी का लाभ
- (2). शक्ति तीन प्रकार की होती है -शारीरिक ,मानसिक और आत्मिक- आप स्वयं को किस रूप में और क्यों शक्तिशाली देखना चाहते हैं ? अपने विचार प्रकट कीजिए ।

(3). भारत की सबसे प्रतिष्ठित पार्श्वगायिका लता मंगेशकर का सम्पूर्ण जीवन परिचय लिखिए और उनकी विभिन्न अवस्थाओं (बाल्यावस्था ,किशोरवस्था ,युवावस्था और वृद्धावस्था)के चित्र भी अपनी ए -8 साइज शीट पर चिपकाइए

(4).प्रतिवेदन लेखन (रिपोर्ट -लेखन):- मार्च माह में आप अपने घर में लॉकडाउन हो गए थे i आप लॉकडाउन के प्रत्यक्ष अनुभव के बारे में एक प्रतिवेदन (रिपोर्ट)तैयार कीजिए।

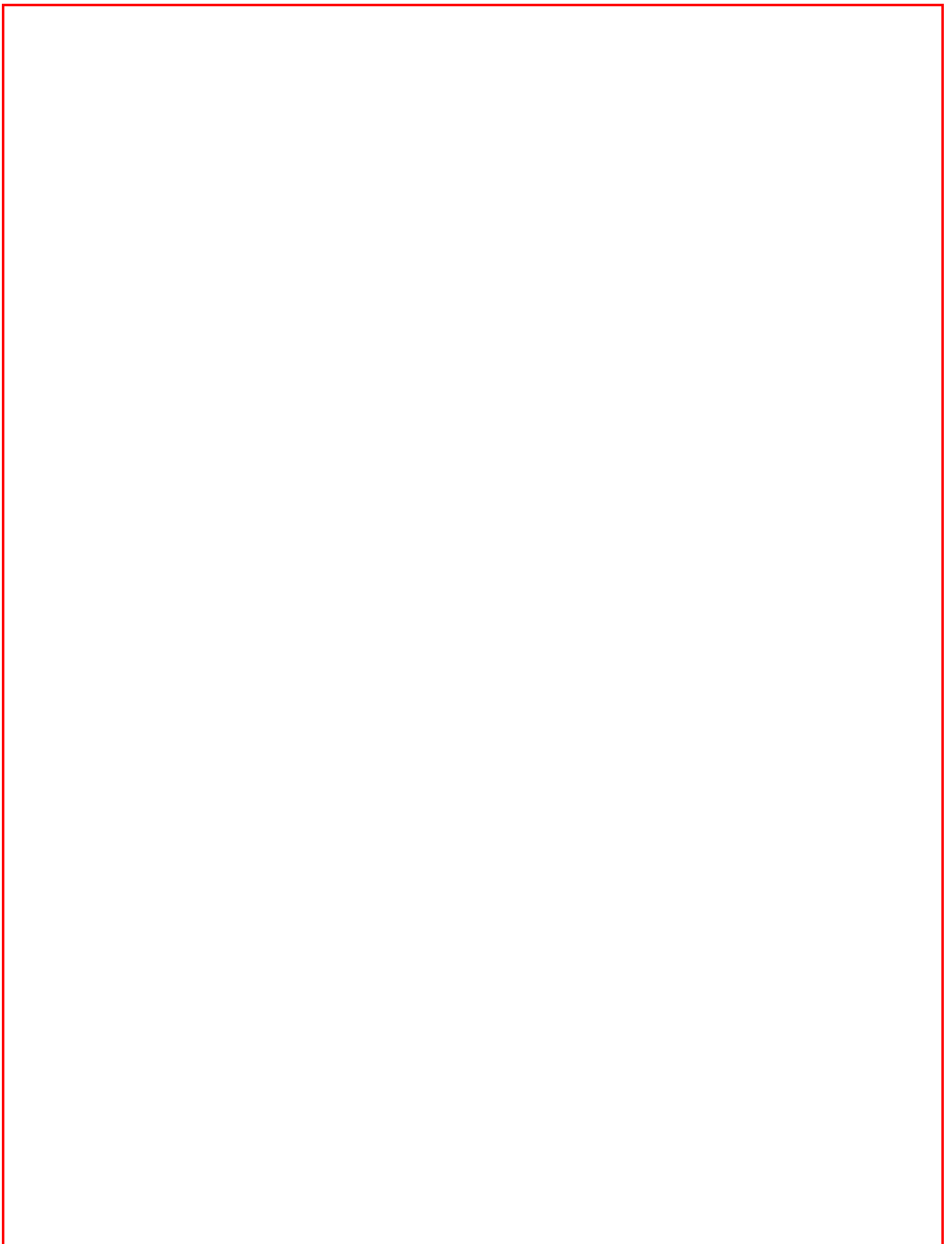
प्रतिवेदन के लिए आप निम्नलिखित बिंदुओं का विशेष ध्यान रखें :-

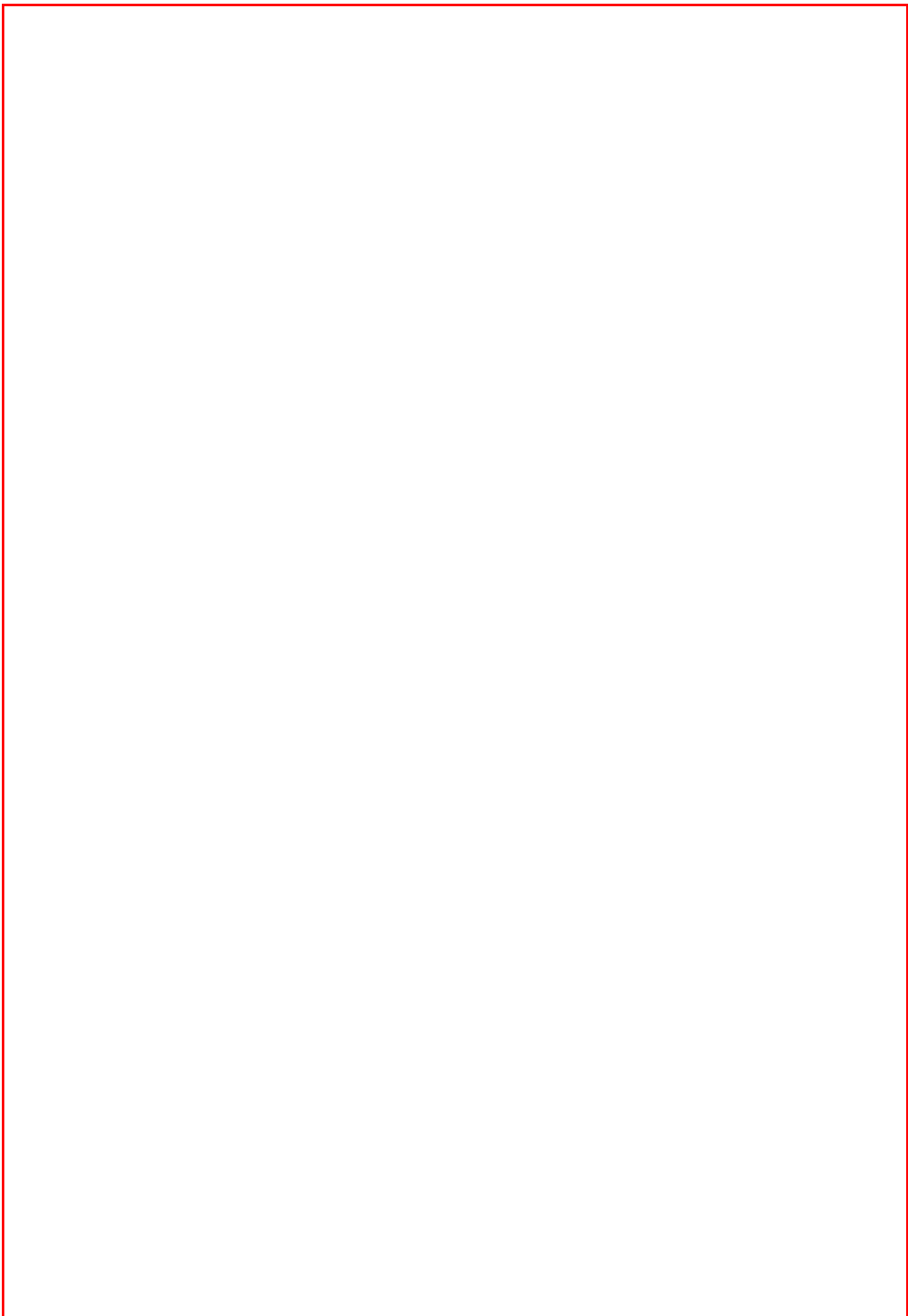
* सर्वप्रथम लॉकडाउनकी दिनांक ,वार व स्थान का उल्लेख करें।

INNOVATIVE ACTIVITY :

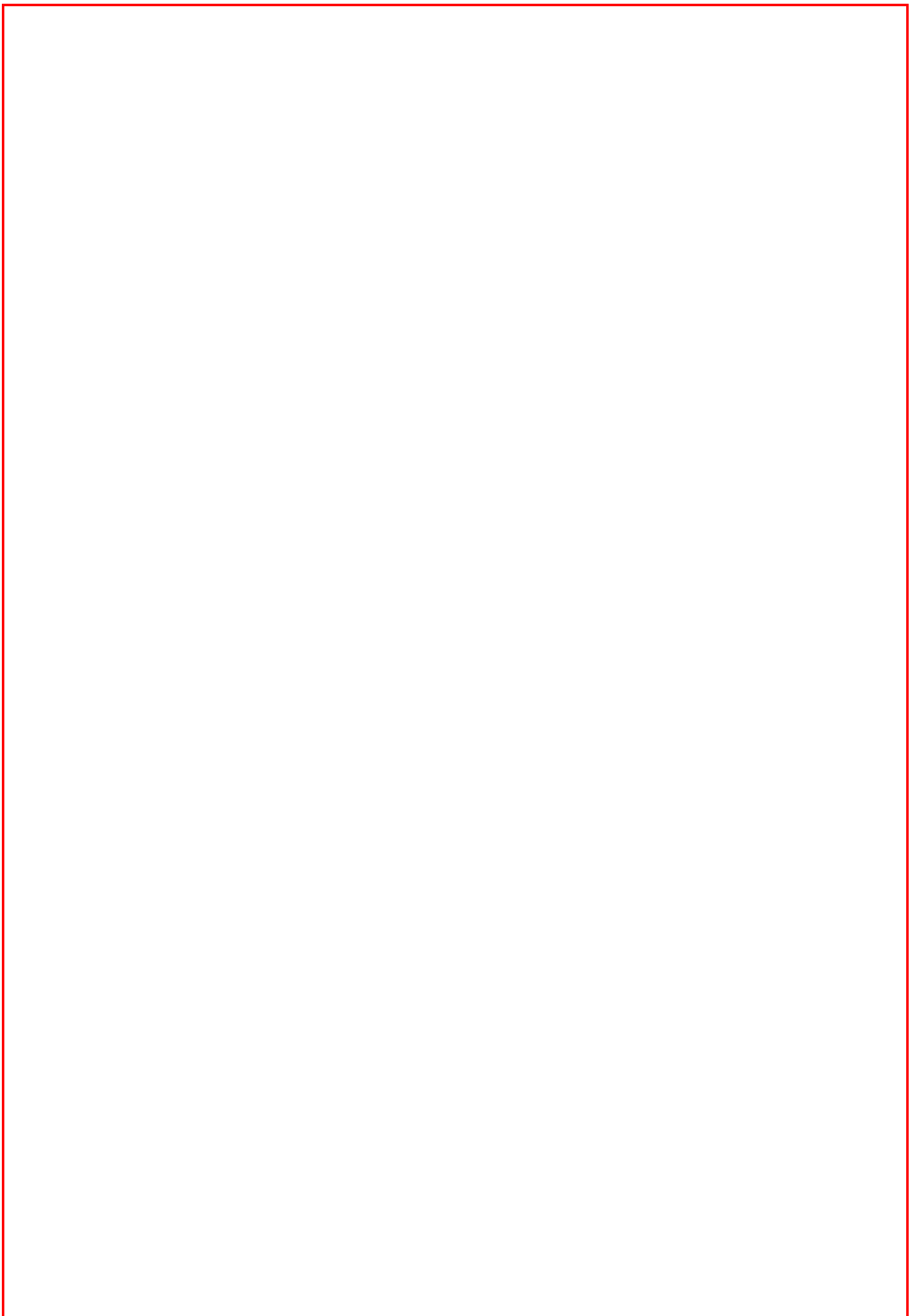
➤ तुलसीदास कृत “ श्री रामचरित मानस “ से पाँच उदाहरण जिसमें अनुप्रास अलंकार का प्रयोग किया गया है, लिखें एवं उनका सप्रसंग वर्णन करें।

➤ Prepare a project on “WINDS AND STORMS” assuming it as a chapter in your syllabus. The complete project needs to be covered on a chart sheet and well presentable.











HOLIDAY HOMEWORK

**HOLIDAY HOME WORK
FOR CLASS-9**

SUBJECT:- COMPUTER.

- 1. MAKE A PRESENTATION ON DISASTER MANAGEMENT USING POWER POINT.**
- 2. MAKE A COMPUTER PROJECT FILE ON "COVID-19" & ITS EFFECTS ON OUR COUNTRY 'INDIA' BY USING MS-WORD.**

**CLASS TEACHER OF 9-A
LALITA.**