

MHS DAV SR. SEC SCHOOL AKHNOOR

HOLIDAY HOMEWORK FOR SUMMER VACATIONS

SESSION (2024-25)

CLASS:- IX

Note: Internal marks of all subjects will be given on the assessment of this assignment only, so do it sincerely.

SUBJECT:- ENGLISH

1. Plan a visit to the place of your interest. Make a travelogue of the same in a scrap file. Paste pictures and give a detailed description of that place.
2. Collect any 5 news items on the given issues. Paste them in a scrapbook and comment on any two in 120 to 150 words.
 - ❖ Environmental issues
 - ❖ Technological development
3. Select three Poems from the syllabus and highlight the presence of listed literary devices along with examples.
Make a portfolio of the above (1 to 3)
4. Write Articles on the following topics.
 - ❖ Women empowerment
 - ❖ Importance of communication skills
 - ❖ The power of positive attitude.

SUBJECT- HINDI

- § चुनाव परिणामों को लेकर दो नागरिकों के मध्य संवाद लिखिए।
- § निम्नलिखित उपसर्गों के प्रयोग से दो दो शब्द बनाकर लिखे
अति, अधि, दूर, स्व, प्रति
- § निम्नलिखित प्रत्ययों के प्रयोग से दो-दो शब्द बनाकर लिखे
आन, मान, दार, इया, त्व
- § समाचार पत्र से कोई दो चित्र काटकर उनका वर्णन कीजिए।
- § एवरेस्ट की चोटी पर चढ़ाई में प्रयोग करने वाले साधनों, आने वाली कठिनाइयों के विषय में तथा बचेंद्री पाल, तेनजिंग नॉर्गे, अरुणिमा के विषय में एक परियोजना कार्य तैयार करें।
- § कक्षा में कराए गए कार्य की पुनरावृत्ति करें।

SUBJECT :- MATHEMATICS

1. Do the following activities on practical notebook.
 - ❖ Activity 1- To verify the identity $a^3-b^3 = (a-b)(a^2+ab+b^2)$ geometrically using a set of unit cubes.
 - ❖ Activity-2 To represent geometrically the factors of quadratic expression of the type $x^2+bx + c$, using square, grade strips and paper clips.
 - ❖ Activity 3 - To find the values of abscissae and ordinates of various points given in a cartesian plane.
2. Write the biography and contribution of
 - a) Euclid(Roll No 1 to 18)
 - b) Pythagoras.....(Roll No 18 onwards)
3. Solve NCERT examples related to unit 1 to 5 in separate notebook.
4. Do practice of unit -1 to 5

SUBJECT:- SCIENCE

- Q1) Choose at least three different objects or scenarios to observe motion: Moving car, bicycle ride, ball rolling on ground, person walking on ground
Record the type of motion and measure distance and time for three intervals
Draw the graph of above motions and find velocity, acceleration
Complete your notebook containing recorded observations and data, Graphs, Analysis
- Q2) Explain Newton three laws of motion on small notebook by giving four examples on each law(paste images of each example)
- Q3) Make a working model on three states of matter using chart, cardboard and other scrap material.
- Q4) Make a model or chart of Animal cell or Plant cell.
- Q5) Write different types of animal and plant tissues. Also write difference between animal and plant tissues.
- Q6) Make 15 extra question on each chapter- The Fundamental Unit of Life and Tissues.

SUBJECT:- SOCIAL SCIENCE

1.Prepare a portfolio on the given topic: 'DRAINAGE SYSTEM'.

Things to be kept in mind while doing the project:

- ❖ Use A-4 size file paper(one side ruled).
- ❖ Use blue ink to write your project.
- ❖ Design the cover page in such a way that it reflects your topic.
- ❖ Mention name of the topic, name, class, section, roll no. on the cover page.

The project work should be maximum 10 pages.

2.Project work: Conduct a survey on 5 elderly people in your area and ask them about the Infrastructural changes they have experienced overtime.

3. ART INTEGRATED PROJECT on Jammu- Kashmir and Gujarat.

While making the project cover following points.

- ❖ Geography of Jammu-Kashmir and Gujarat
- ❖ Climate of Jammu - Kashmir and Gujarat
- ❖ prepare a file of the activity.

4. Revise all the work done in the class.

SUBJECT :- INFORMATION TECHNOLOGY

Q1. Make a project on the given topic:

The topic must contain the following points:

- a) Introduction to Artificial Intelligence
- b) Purpose of Artificial Intelligence.
- c) Advantage and disadvantage of Artificial Intelligence
- d) Applications of Artificial Intelligence.

Make your project on A4 sheet paper. Write information; add pictures to make it attractive or you can also draw pictures. On the first page write topic name, your name, class and section. From second page write information about the topic. Use at least 5 pages to complete the project. Don't write information on both side of the page.