

The Masters School

Class XI (Science)

Holiday Homework

Chemistry

1. Select any one topic out of the following -
 - a) Importance, branches and scope of chemistry.
 - b) Biodiesel and biopetrol.
 - c) Chemical Fertilizers their preparation, use and impact on environment.
 - d) Pesticides used in fruits and vegetables their preparation, use and impact on environment.
(Note- Maintain a project file for above and it should be of 10 pages. It includes index, certificate, acknowledgement, introduction, theory and at last bibliography).
2. Do 5 numerical each based on following-
 - a) Molecular mass calculation.
 - b) Percentage composition by mass.
 - c) Molarity and Molality.
 - d) To find empirical formula and Molecular formula.
 - e) Calculation of no of electron, proton and neutron by atomic number and atomic mass.
(Note- Numerical to be done in plain A 4 sheets)

English

Note-Do these project works in file.

*Select any one topic out of following:

Hard word is key to success/Technology is a boon or curse/Lockdown is only way for Corona virus.

*Select any one author from your text book and write about his famous works and achievements.

Physical Education

Select any one game given below and make a project file of minimum 25 pages and also paste / draw the diagrams associated with it.

1. Badminton.
2. Table tennis.
3. Kabaddi.
4. Basketball.

Maths

1. Do 10 question/day in maths holiday homework copy.
2. Make a project file on any one of the given topic
 - i) Sets and Venn diagram.
 - ii) Carrier in maths.
 - iii) Pie.
 - iv) How to use maths in real life.

Physics

1. Prepare project on one of the topic given below -
 - Dimensions
 - Vector
 - Motion in a straight line
 - Friction
 - Gravitation

Note- Project file must contain 10 - 15 pages. (It includes index, certificate, acknowledgement, introduction, theory and at last bibliography).
2. Solve numerical of chapter 2 and 3.

Biology

Project work

Name of student	Topics allotted
1. OM JOSHI	PLANT KINGDOM
2. LAKSHITA SHARMA	ANIMAL KINGDOM
3. MANAS ARYA	BIOLOGICAL CLASSIFICATION
4. RATI BHAKUNI	CELL CYCLE AND CELL DIVISION
5. SAKSHI TANWAL	BODY FLUID AND CIRCULATION
6. DIVYA MHERA	CELL THE UNIT OF LIFE
7. CHITRANSH AGARWAL	BIOMOLECULES
8. PRIYANSHU BAGDWAL	MORFOLOGY OF FLOWERING PLANTS

हिंदी

परियोजना कार्य

नोट- यह कार्य स्वच्छ और सुंदर होना चाहिए।

१- हिंदी के कवियों तथा लेखकों का साहित्यिक परिचय पर एक चित्र सहित फाईल तैयार कीजिए।

(10 पेज)

२- किसी एक विषय पर रचनात्मक लेख लिखिए।

क-जीवन का अभिन्न अंग कंप्यूटर।

ख-पर्यावरण प्रदूषण एक समस्या