


DEWAN BADRINATH VIDYA MANDIR AMARVILLA
SESSION (2023-24)
CLASS XI (SCIENCE)

GENERAL INSTRUCTIONS:

- Holiday homework will carry 10 marks in Half yearly examination .It will be judged on the originality of the child's work
- Kindly encourage the child to do the holiday homework on its own .
- The work is to be done in subject notebooks only.
- **Project** based holiday homework is to be done on A4 size sheets.

SUBJECT	
ENGLISH	<ol style="list-style-type: none">1. Write a self composed poetry on anyone of the given topics with minimum 2-3 stanzas. a) Music b) I am blessed2. Cut out 5 clippings of classified ads under the heads and paste in your English notebook.<ul style="list-style-type: none">• For sale• For purchase• To-Let• Situation vacant• For Matrimonial3. Research on the work of any one the following authors and make a project file. Authors:<ul style="list-style-type: none">• William Shakespeare• Charles Dickens• Arundhati Roy• Jane Austen <p>Project file(10 Pages) Pg 1 - Introduction of student Pg 2-Name of your author with picture Pg 3-His/Her contribution in English literature Pg 4-Name of any famous novel written by author Pg 5- Main characters of the novel Pg 6- Summary of the novel Pg 7- Theme or central idea Pg 8- Thank you</p> <p>Note: Q1&2 to be done in English notebook. Q3 to be done in A4 size sheet. Kindly restrict to the sheet/page limit.</p>

PHYSICS	<ol style="list-style-type: none"> 1. Prepare and write Chapter- Motion in a straight line 2. Previous year questions (40 each) of -Units and measurement, Vectors, Motion in a straight line. 3. 15 Questions each of -Differentiation and integration 4. A working Model (science based)
CHEMISTRY	<p>Ch 3. Classification of Elements and Periodicity in Properties. Ch-4: Chemical Bonding and Molecular Structure. Read and write the notes of the above 2 units . PDF of the same has been attached. Also do the text book exercise and MCQs .</p> <p>Project report (7-10 Pages) on :</p> <ul style="list-style-type: none"> • Study of the methods of purification of water. <p style="text-align: center;">Or</p> <ul style="list-style-type: none"> • Investigation of the foaming capacity of different washing soaps and the effect of addition of sodium carbonate on it.
MATH	<ol style="list-style-type: none"> 1. Revise all the three chapters done in the class. 2. Solve at least 30 questions consisting of MCQ & 30 , short answers , assertion reason , long answers , case study from each chapter that we had done in class. 3. Solve the chapter- Introduction to three dimensional geometry in your notebook as it will be considered your assignment. 4. Write three practicals that are discussed in the class in your Math Practical notebook.
BIOLOGY	<p>Learn and write the key concepts of the following topics: Two kingdom and five kingdom classification</p> <ul style="list-style-type: none"> • Binomial nomenclature and taxonomical categories • Classes of fungi • Classification of plants, bryophytes, gymnosperms,angiosperms and pteridophytes • Algae and their classes • Basis of classification in kingdom anemalia • Levels of organisation, symmetry, segmentation,coelom.
IP	<p>Art Integrated Project: Create an online survey using google forms on 'Gujarat development model'. Create a video in Canva on celebration of Raksha bhandan' and mail it to anjanamanahas4@gmail.com Design a poster displaying; importance of girl education and mail it to the subject teacher.</p>
PHE	<ol style="list-style-type: none"> 1. Concept, aim &importance; objectives of Physical Education. 2. Career option in Physical Education. 3. Role of various professionals for children with special needs. 4. Aims & importance; Objectives of Adaptive Physical Education. 5. Meaning and Importance of Yoga. 6. Pranayama and it's types. 7. Make a Project on merits and demerits for any two Asanas for each life style disease.