ADARSH WORLD SCHOOL

Sector 12, Dwarka Phase-1
New Delhi-110075

XI AND XII (2022-23)

Dear Children,

With the summer temperature soaring high, we eagerly look forward to the exciting vacation time when we can relax and spend quality time with our family, friends and excursions.
Try to develop new skills that will enhance your knowledge and will be lessons for a lifetime. It will be great if you keep some semblance of academics alive in the fun.

Guidelines for students:
1. **Ensure timely submission of the given assignment after the school reopens. Remember, a well-presented holiday homework fetches you accolades.**
2. **Revise all the topics which have been taught by your subject teachers in the new session.**
3. **Books are companions of lifetime. Read good books, novels, short stories, travelogues etc. During your summer holidays.**
4. **Take up an activity at home that is joyful and excites you like sketching, painting, learning any musical instrument, gardening etc.**

Guidelines for the parents:
1. **Communication skills play a pivotal role in grooming the holistic personality of the children. Please converse with your children preferably in English to acquaint them with the language skills.**
1. **Please spend quality time with your children engaging them in activities based on enhancing their powers of observation, imagination and creativity.**
2. **Please sensitize your child about the rich culture and heritage by watching different informative channels, videos or reading books.**

Stay Safe
Wishing you all a very enjoyable and fun-packed
Summer Holidays

CLASS XI

ENGLISH

1. Worksheet will be uploaded on skolaro on the following topics:
   - Comprehension Passage,
   - Advertisement,
   - Poster Making,
   - Transformation of sentences.
2. Project Work as guided in the classroom.

HINDI

1. *हिंदी परियोजना कार्य*

   पाठ्यपुस्तक अंतरा में से

   - 3 लेखक परिचय,

   - 3 प्राचीन कवि परिचय,

   - 3 आधुनिक कवि परिचय फाइल में चित्र सहित बनाकर लाइए। पढ़ाई गए सभी पाठों की पुनरावृति कीजिए।

2. *ग्रीष्म कालीन अवकाश कार्यभार*

   निम्नलिखित प्रश्नों में से किन्ही 6 प्रश्नों के उत्तर दीजिए।

   - ईदगाह कहानी में आपको हामिद के चरित्र में क्या विशेषताएं नजर आई?

   - गरीबी एक बहुत बड़ी समस्या है' दोपहर का भोजन ' पाठ के आधार पर अपने विचार प्रकट कीजिए।

   - जनसंचार के विभिन्न माध्यमों के विकास का उल्लेख कीजिए।

   - मकबूल फिदा हुसैन कौन थे ? उनके जीवन के बारे में चित्र सहित विवेचन कीजिए।

   - "मुसलमान के पीर औलिया मुर्गा मुर्गी खाई खाला केरी बेटी ब्याही घर में करी सगाई " पंक्तियों के माध्यम से कबीरदासजी क्या कहना चाहते हैं?

   - अपने पसंदीदा विषय पर एक निबंध लिखिए।

   - अंतरा और अंतराल पुस्तक में आपको सर्वाधिक अच्छा पाठया कविता कौनसी लगी और क्यों इस पर अपने विचार प्रकट कीजिए।

MATHEMATICS

1. Prepare 3-D model of explaining 8 Octants in 3-Dimensional Geometry.
2. Write the following activities in your Mathematics Lab-Manual.
3. To find the number of subsets of a given set.
4. To interpret geometrically the meaning of i.
5. To verify the graph of linear inequality.
6. Permutations & combination.
7. Solve the Miscellaneous exercise of chapters – "SET AND TRIGONOMETRY FUNCTIONS", FUNCTION & RELATION and COMPLEX NUMBER. On sheets.

BIOLOGY

1. Complete Practical file, Write all the experiments and spottings (file will be uploaded on Skolaro)
2. Do complete notes up to Ch 4 Animal Kingdom.
3. Make projects according to topics given:
- Assignment Ch 2 Biological Classification
- Assignment Ch 3 Plant Kingdom
  - ❖ Will be uploaded on Skolaro , do take printout and complete them

PSYCHOLOGY

1. Project file (from chapter -2) - (Methods of Enquiry in psychology).
2. Assignment of chapters covered in class   .

PHYSICS

1. Assignment and investigation project will be given on Skolaro.

HISTORY

1. Map work: locate the following on an outline map of Asia
   a)uruk   b) ur   c)Babylon   d)Persian gulf   e)Mari
2. Project work–
- Make a project file on the given topics as per the CBSE guidelines
- Revise all the chapters and find out the answers of 20 given questions from chapter Nomadic Empires and The three orders.
- Read theme 6:- The three orders, thoroughly.

POLITICAL SCIENCE

1. Revise all chapters.
2. Make a project file on given topics as per the CBSE guidelines.
- Detailed structure and functioning of all organs of the government, legislature and judiciary, executive.
- The importance of elections in a democratic country with special reference to India.

COMPUTER SCIENCE

1. Create an Advertisement on a product of your choice or an imaginary product(video making with sound and effects)
2. Create motion posters both with static background and moving background and static and moving words
3. Create GIF invitation
4. All students must design a PPT- On a given topic and Bibliography and references must be included on the last slide of PPT's
5. Complete worksheets(take printout of worksheets and solve them in your respective notebook)
- Worksheet 1(Number system)
- Worksheet 2(Boolean Logics)

PHYSICAL EDUCATION

1. Complete Practical file
- Practical One: procedures for asanas, benefits and contraindication for any two asanas for each lifestyle disease.
- Practical Two: Do anyone 1 IOA recognize sports/game of choice. Labeled diagrams of field and equipment. Also mention its rules, terminologies and skills.

ECONOMICS

1. Make a project on any of the topic given in the CBSE site for class 11 **Project:**
2. Prepare a synopsis on the assign topic. (6-7 pages) keeping the following factors in mind:
3. Introduction, Details of the topic, Pros & cons of the economic even/happening, major criticism related to the topic (if any), Student's own views/ perception/ opinion, learning from the work, Meaning and definitions, application of the concept, diagrammatic explanation (if any), Numerical explanation related to the concept(if any) .

CHEMISTRY

1. Make investigatory project on given topics.
2. Do given assignment of Ch-1 , Ch-2 and Ch-3 in class notebook which will be uploaded on skolaro.

COMMERCIAL ARTS

1. Revision of concepts
   - An Introduction of art and Art and aesthetics, beauty
   - Six limbs of Indian paintings
   - Elements of art
   - Principles of art
2. Prepare 20 sketches

ACCOUNTANCY

1. Make Project work on Vouchers and do the assignments of Ch-3 Accounting Principles and Assumptions; Ch-4 Bases of Accounting and Ch-5 Accounting Equations uploaded on Skolaro and shared in class group.

BUSINESS STUDIES

1. Make Project work on any form of business organisation taking the real business organisation and do the assignment of Ch-2 Forms of Business organisation uploaded on Skolaro and shared in class group.

CLASS XII

ENGLISH

1. **Worksheet will be uploaded on skolaro on the following topics:**
- **Report writing,**
- **Article Writing,**
- **Comprehension Passage,**
- **Invitation ,**
- **Job Application.**

2. **Project Work as guided in the classroom.**

HINDI

1. *हिंदी परियोजना कार्य*

   पाठ्यपुस्तक अंतरा में से

- **3 लेखक परिचय,**
- **3 प्राचीन कवि परिचय,**
- **3 आधुनिक कवि परिचय फाइल में चित्र सहित बनाकर लाइए। पढ़ाई गए सभी पाठों की पुनरावृति कीजिए।**

2. **हिंदी ग्रीष्मकालीन अवकाश कार्यभार (Assignment)**

   निम्नलिखित प्रश्नों में से किन्ही 6 प्रश्नों के उत्तर दीजिए।

- **उल्टा पिरामिडशैली किसे कहतेहै?**
- **जनसंचार के विभिन्न माध्यमों का उल्लेख कीजिए।**
- **बनारस कविता में रिक्तता और पूर्णता से क्या अभिप्राय है?**
- **सूरदास की झोपड़ी कहानी से हमें क्या सीख मिलती है?**
- **"दुख ही जीवन की कथा रही क्या आज कहूं जोन हीं कही " पंक्तियों से निराला जी का क्या अभिप्राय है सरोज स्मृति कविता के आधार पर बताइए?**
- **आपके क्षेत्र के पुलिस अधीक्षक को आपके क्षेत्र में बढ़ रही चोरियों की ओर ध्यान दिलाते हुए पत्र लिखिए।**

- अंतरा पुस्तक में आपको कौन सी कविता और कौनसा पाठ सर्वाधिक अच्छा लगा और क्यों इस पर अपने विचार प्रकट कीजिए ?

MATHEMATICS

1. Do a miscellaneous exercise of Matrices, Determinant and Derivative in Separate notebook.
2. Make your lab activity file -Do the following lab activities in it.
3. Function & Relation
4. Draw the graph of sin inverse function.
5. To demonstrate function is one one but not onto.
6. To understand the concepts of increasing and decreasing function.
7. To find the analytical limit of the function f(x) at x= c.
8. Revise the Syllabus done till date!

BIOLOGY

1. Complete Practical file ,write all the experiments and spottings (File will be uploaded on Skolaro)
2. Complete notes up to Ch. 5. Principles of Inheritance and Variations.
- Assignment 1 Ch. 2 = Sexual Reproduction in Flowering Plants
- Assignment 2. Ch. 3 and 4 = Human Reproduction and Reproductive health
- Assignment 3 Ch 5 = Principle of Inheritance and Variations. Assignments will be uploaded on Skolaro. Take printout and complete.

PSYCHOLOGY

1. Make a project file on Psychological test and complete raven's standard progressive matrices.

2. A file on case study(according to CBSE assessment) (Choose a subject, your subject could be an individual who has excelled in areas like sports, academics, music etc.or with special needs LD(diagnosed), body image issues, temper tantrums, substance abuse, anxiety, adjustment issues in school/workplace/ college, workplace stress, dealing with loss of loved one(even pets).
3. An assignment of the chapters covered.

HISTORY

1. Complete notes and exercise question answers of history lesson one to Three.
2. Complete extra questions of lesson one to three.
3. Complete all maps that I have been given in the map notebook.
4. Make a separate map notebook compulsory and locate all maps in that map notebook.
5. Make one mark 20 questions, three marks 10 questions and eight marks 10 questions with answers in soft copy.
6. Write three passages and make its related 15 marks questions.
7. Prepare your project work for the CBSE internal assessment.

PHYSICS

1. Assignment and investigation project given   on skolaro.

POLITICAL SCIENCE

1. Revise all chapters
2. Prepare your project work as per the CBSE guidelines on the given topics
   - Emergency 1975 : Saving Indira Gandhi
   - The highly skewed idea of UNO
   - Multi party system in India.
   - Alternative centers of Power.

COMPUTER SCIENCE

1. Prepare the following questions of your practical file, take printout of screenshots of   codes and outputs
   - Create a function Employee() in such a way that it should accept employee name and its salary and display both, and if the salary is missing in function call then it should show it as 90,000.
   - Create a Function to Guess_Numbers(), which ask a number between 1 to 6 form user. Generate a random number between 1 to 6 through random module and check the User Guess is matched or not. Display appropriate message.
   - Create a function to print first n rows of Pascal Triangle.
   - Create a function Alter(A) , which should change all the odd numbers in the list to 1 and even number as 0.
   - Create a function CHANGE(O),which accepts a list of integers and an integer as parameter and changes all the elements by remainder of initial elements when divided by that number.

2. Finalize the topic for your project file.

3. Complete notes up to File Handling

4. Complete worksheets(take printout of worksheets and solve them in your respective notebook)
- Worksheet 1 (Based on revision tour of python)?
- Worksheet 2 (Based on revision tour of python)M
- Worksheet 3 (Based on Functions)

PHYSICAL EDUCATION

1. Complete Practical file
- Practical 1 on asanas
- Practical 2 on any sports discuss in the classroom.

ECONOMICS

1. Prepare the project on allotted topics as per the instruction given in the class:
   1. Covid 19 - a pandemic
   2. Trade war between USA and China
   3. India's relation with China
   4. India's relation with Pakistan
   5. Aatm Nirbhar Bharat
   6. Sustainable Development
   7. Organic Farming
   8. Green Revolution
   9. Government Budget
   10. Rural Development
   11. Self help groups
   12. Make in India
   13. Skill India / Digital India
   14. Disinvestment
   15. Money & Banking
   16. Balance of Payment & Foreign Exchange
   17. Liberalization, Privatization and globalization
   18. Employment
   19. National Income
   20. Income & Employment determination
   21. Any recent policy or economic event.

Note:
1. The total length of the project will be of minimum 20-25 pages.
2. The project should be handwritten. –
3. The project should be presented in a neat & clean manner.
4. Make use of pictures, Newspaper & Magazine cutting and Pamphlets to add Creativity to Your project
5. Case study related to the pertaining topic is mandatory.

CHEMISTRY

1. Make a investigatory project on given topics.
2. Do given assignment of Ch-10, Ch-11 in class notebook which will be sent in class group. Complete notes upto Ch-10,Ch-11
- Assignment 1 Ch 10 haloalkane and haloarene.
- Assignment 2 Ch2 Alcohol, phenol and ether.
  Assignments will be uploaded on Skolaro

COMMERCIAL ARTS

1. Revision of concepts
- The origin and development of miniature painting in India
- 6 limbs of Indian painting
- The Rajasthani school of miniature painting
- The Pahari school of miniature painting
- The Mughal school of miniature painting.
2. 30 human sketches

ACCOUNTANCY

1. Make project file on comprehensive project as per CBSE guidelines containing Case study, Journal entries, ledger, Trial Balance and Balance Sheet and accounting ratios.
2. Complete the assignments of Chapter 2: Nature and valuation of Goodwill and Chapter 3: Change in profit sharing ratio uploaded on Skolaro. And shared i class groups.
3. Revise the syllabus for PA-1.M

BUSINESS STUDIES

1. Make project report on Principles of management or marketing as per CBSE guidelines and do the assignments of Chapter 3: Business Environment and chapter 11: Marketing Management uploaded on Skolaro and shared in class groups.

2. Revise the syllabus for PA-1.

Dr. Shilpi bhardwaj
(VICE PRINCIPAL)