



St. Edmund's School

Play Group to 10+2 [CBSE Affiliated]

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Holiday Home Work-2024 Std.-XII

Subjects	Homework
English Core (301)	<p>Project Portfolio/Project Report Topics List with the Tasks General Instructions:</p> <ul style="list-style-type: none"> • It is compulsory for all to prepare the Project file. • The Project Report is needed to be completed in 1000 words in your own handwriting. • Use A4 size paper sheets for project. <p>Project-Portfolio/ Project Report</p> <p>The Project-Portfolios is a compilation of the work that the students produce during the process of working on their ALS Project.</p> <p>The Project-Portfolio may include the following:</p> <p>PROJECT FILE</p> <p>Page 1 : Cover Page, With Title Of Project, School Details/Details Of Student.</p> <p>Page 2 : Statement Of Purpose/Objectives/Goals</p> <p>Page 3 : Certificate Of Completion Under The Guidance Of The Teacher.</p> <p>Page 4 : Action Plan For The Completion Of Assigned Tasks.</p> <p>Mid Pages : PROJECT/REPORT DETAILS(Graphics and pictures to be pasted on left hand side and content of the report to be written in your own handwriting on the right hand side of the page.</p> <p>Last Page : LIST OF RESOURCES/BIBLIOGRAPHY PROJECT TOPICS</p> <p>You have to make pictorial as well as graphical presentation on left hand side of the file. All data should be collected authentically and should be hand written (1000 words) on right side of the file. (Take any one topic)</p> <p>TOPIC 1 - The Last Lesson</p> <ul style="list-style-type: none"> • Elaborate the theme of Linguistic Chauvinism and Procrastination and importance of Time Management. • Collect data about countries where people have these tendencies. • How do they give importance to their mother tongue? <p>TOPIC 2 - The Lost Spring</p> <ul style="list-style-type: none"> • Collect data about various slums in our country and living conditions there. Also elaborate whether children have an access to education. • How children are engaged in various kinds of work (Below 14)? • Collect all information about biggest slums. <p>TOPIC 3 My Mother At Sixty-six</p> <ul style="list-style-type: none"> • Explain the importance of parents in the family. • On the context of the poem. Explain how do you love and take care your mother? • Collect data about condition of old age homes in our country, living condition there, number of old age homes.

	<p>TOPIC 4 - The Third Level</p> <ul style="list-style-type: none"> • Why "hurry and worry" are trademarks of modern times? • How far today life is insecure? Why do modern men want to escape? • Interview your school Principal or the counsellor to know the problems (stress, fear, anxiety etc.) faced by the students at the virtual platform. <p>OR</p> <p>Students can also take up any relevant and age-appropriate theme.</p>
<p>Business Studies (054)</p>	<p>Activity - 1) Take current national news into consideration to explain legal, economic and political environment of the country. Write all the collected information in notebook.</p> <p>2) You are required to visit any departmental store/ an industrial unit/ A fast food outlet or any other organisation. You are required to observe the application of the general principles of management given by Henry Fayol and use the collected information in your project.</p> <ul style="list-style-type: none"> - Complete project work as per CBSE guidelines. - Revise complete covered syllabus upto 10th may. <p>General instructions-</p> <p>The work has to be done on A4 size sheet.</p> <p>The project should be handwritten.</p>
<p>Entrepreneurship (066)</p>	<p>Complete project work as per CBSE guidelines.</p> <p>Students will have to fulfill the following as a part of the project work:</p> <p>A) Market Survey</p> <ul style="list-style-type: none"> - Conduct a simple market research with the objective of estimating demand for an existing product in the market. Give an innovative suggestion to the product. - Conduct a survey for a new innovative product. - A questionnaire should be prepared for the purpose of analysis. - Analysis in the form of a pie diagram or bar chart. <p>B) Business Plan</p> <ul style="list-style-type: none"> - Decide your business idea - Name of your business, its logo and tagline - What is your competitive advantage and what is your unique selling proposition (USP)? - Talk about atleast 3 competitors if it is an existing product. If it is a new product, then analyse the demand for the product. - Your target customers and how will you reach them ? - Your advertising and promotion ideas - Packaging - Channel of Distribution - Compute fixed and variable cost - What is your selling price and your reason for it ? - Prepare profit and loss statement - Calculate Break even point . <p>Revise covered syllabus upto 10th may.</p>

<p>Economics (030)</p>	<p>Q.1 Prepare a crossword puzzle of the terms from the following chapters:- a) Money and Banking b) India on the eve of independence</p> <p>Q.2 Complete the project work according to CBSE guidelines. For guidelines of the project refer to the link below:- https://drive.google.com/file/d/1qY7WAADP51IfPGKty4OhX9SPxJRptUz_/view?usp=drivesdk</p> <p>Q.3 Prepare a Mind Map of the chapter Indian economy (1950-1990).</p> <p>Q.4 Revise the chapters completed in the class</p>
<p>Painting (049)</p>	<p>1. Work for Sketch book One sketch every day in your sketch book from the given topics: (a) Object Drawing (daily life objects) (b) Human Anatomy (Simple working figure) Keep doing date wise in your sketch book</p> <p>2. Still Life (A2 Size Sheets) (Three objects with two drapery) (a) Hatching (b) Pencil Shading (c) Stippling art</p> <p>3. Composition (A2 Size sheet) Theme- (a) Nature (animal, birds, flowers, tree, landscape) – 5 SHEETS * Make a beautiful Canvas with acrylic Colours (size 2/3 ft)</p> <p>Topic: FANTASY NATURE MYTHOLOGY DAILY LIFE OR Your own choice</p>
<p>Medical Diagnosis(828)</p>	<p>A) Write all the assessment questions of Unit-1 (Haematology)</p> <p>B) LAB Manual Experiments: i) Preparation of Blood Smears. ii) ABO Blood groups Detection methods</p> <p>C) Make the report from the following topics with 15-20 pages. The topics are as follows: 1. Haematology Lab Instruments: Centrifuge, Microscope, Automated cell counter, Coagulation Analyser)(any one topic) 2. Collection of Blood Sample 3. Staining Methods 4. Hemopoiesis 5. ABO blood group system 6. Anaemia 7. Bone marrow aspiration/biopsy 8. Safety measures in laboratory 9. Reagents Preparation and their uses</p>

<p>Biology (044)</p>	<p>10. Cytological fixatives</p>
	<ol style="list-style-type: none"> 1. Write all the important terminologies and Diagrams given in your NCERT book from the following chapters; Chapter- 1(Sexual Reproduction In flowering Plants), Chapter-2(Human Reproduction), Chapter-3 (Reproductive Health) 2. Revise the UNIT -VI 3. Science Model topics on; <ol style="list-style-type: none"> a)Dialysis b) DNA finger Printing c) Cell division d) Structure of an Antibody molecule e)Recombinant DNA technology 4. Make an Investigatory Project in Biology of 15-20 pages on anyone topic given below; <ol style="list-style-type: none"> 1.Pollination 2. Benign tumor 3. Malignant tumor 4. IVF 5 human cloning 6. Human Genome Project 7. AIDS 8.Typhoid 9. Sickle Cell anaemia 10. Down syndrome 11. Malaria 12.Dengue 13. Test tube baby 14. Genetic disorder 15. Transgenic organism 16. Reproductive health 17. Alzimer disease 18. Breast cancer 19. Cloning 20.Biotechnology 21. Unequal distribution of population in India 22. Mutation 23.Biopiracy 24. Pollination in flowers 25.Brain tumor

<p style="text-align: center;">Physics (042)</p>	<p>Lab manual Experiment A. Prepare Lab Manual of Physics. B. Prepare Investigatory Project file for the following topic according to roll no. Topic with Roll Number For Section A1 and A2:</p> <ol style="list-style-type: none"> 1. To study various factors on which the internal resistance/EMF of a cell depends. (Roll No. 1 - 5) 2. To study the variations in current flowing in a circuit containing an LDR because of a variation in <ol style="list-style-type: none"> (a) the power of the incandescent lamp, used to 'illuminate' the LDR (keeping all the lamps at a fixed distance). (b) the distance of a incandescent lamp (of fixed power) used to 'illuminate' the LDR. (Roll No. 6 -10) 3. To find the refractive indices of <ol style="list-style-type: none"> (a) water (b) oil (transparent) using a plane mirror, an equiconvex lens (made from a glass of known refractive index) and an adjustable object needle. (Roll No. 11 - 15) 4. To investigate the relation between the ratio of <ol style="list-style-type: none"> (i) output and input voltage and (ii) number of turns in the secondary coil and primary coil of a self-designed transformer. (Roll No. 16 -20) 5. To investigate the dependence of the angle of deviation on the angle of incidence using a hollow prism filled one by one, with different transparent fluids. (Roll No. 21 - 25) 6. To estimate the charge induced on each one of the two identical Styrofoam (or pith) balls suspended in a vertical plane by making use of Coulomb's law. (Roll No. 26 - 30) 7. To study the factor on which the self-inductance of a coil depends by observing the effect of this coil, when put in series with a resistor/(bulb) in a circuit fed up by an A.C. source of adjustable frequency. (Roll No. 31 - 35) 8. To study the earth's magnetic field using a compass needle -bar magnet by plotting magnetic field lines and tangent galvanometer.(Roll No.35 -40)
<p style="text-align: center;">Chemistry (043)</p>	<p>Q 1- Prepare an investigatory project report on any one topic including the following points:</p> <ol style="list-style-type: none"> 1. Introduction to the topic 2. Research and Analysis 3. Theory 4. Chemical reaction 5. Data collection 6. Conclusion <p>Q 2- Prepare Lab Record</p>
<p style="text-align: center;">Physical Education (048)</p>	<p>Practical-1: Fitness tests- SAI Khelo India Fitness Test A. Age Group- 5-8 years/ Class 1-3: 1. BMI 2. Flamingo Balance Test 3. Plate Tapping Test B. Age Group- 9-18 years/ Class 4-12 1.BMI 2. 50 mt. Speed Test 3.600 mt. Run/Walk 4. Sit & Reach Flexibility Test 5. Strength Test (Abdominal Partial Cural Up, Push-Up for Boys, Modified push-Up for girl's)</p>

	<p>Practical-2: Procedure for Asanas, Benefits & Contraindication for any two Asanas for each lifestyle disease (Diabetes , Asthma, Hypertension, Obesity, Backpain)</p> <p>Practical-3: Labelled diagram of Field & Equipment of Basketball/Volleyball. Also mention its Rules, Terminologies & Skills.</p>
Hindustani Music (034)	<ol style="list-style-type: none"> 1 Write Time theory of raga on chart paper 2. Write 03 Ragas(Malkauns, Bhairav, Bageshwari) 3. Tala- Rupak, include Dugun, Tigun Chaugun 4. Diagram of Tanpura (Do project A4 size sheet)
Accountancy (055)	<p>Q1-Create a “Comic Script” on lesson: Fundamentals of Partnership General Instructions :</p> <ol style="list-style-type: none"> a. Its a group activity.(3-4 students in one group) b. Use your own storyline to create a comic script c .Mode Of Submission- Prepare a PowerPoint presentation with 8-10 slides. Mention following things in the first slide: Session-2024-25,Accountancy Project, Topic, Name, Class & Section <p>Q2-Create Your Own Question Bank Prepare two Case Study based Questions & 10 MCQ’S from lesson 2&3 each. Note: It’s an individual activity Write all the questions in your Note Book Do all Practice Questions of lesson 2&3 in Practice copy.</p>
Mathematics (041)	<p>Prepare Mathematics Lab activities.</p> <ol style="list-style-type: none"> 1. To verify that the relation R in the set L of lines in a plane, defined by $R = \{ (l,m): l, m \}$ is symmetric but neither reflexive nor transitive. 2. To demonstrate a function which is not one-one but is onto. 3. To demonstrate a function which is one-one but not onto <p>PROJECT: Mathematics and Information and Communication Technology: Writing of Mathematical programmes,flow charts algorithm,circuit diagram ets.</p>
Applied Mathematics (0241)	<ol style="list-style-type: none"> 1. Make a formula chart for your study room. 2. Lab Manual Work – Write any three practical in Lab manual. (For details check google class room.) <p>Suggested practical using the spreadsheet</p> <ol style="list-style-type: none"> i) Plot the graphs of functions on excel and study the graph to find out the point of maxima/minima ii) Probability and dice roll simulation iii) Matrix multiplication and the inverse of a matrix iv) Stock Market data sheet on excel v) Collect the data on weather, price, inflation, and pollution analyze the data and make meaningful inferences vi) Collect data from newspapers on traffic, sports activities and market trends and use excel to study future trends
Computer Science (083)	<ol style="list-style-type: none"> 1. DO Q-3 to 7 from Ch-9 (SQL) in your practical record notebook . Display proper questions, queries and outputs. 2. Make a project file using Python-SQL Connectivity on the allotted topics.(Complete project work as per CBSE guidelines)

<p>Sociology (039)</p>	<p>*Make a sociology project file on any social issue*</p> <p>1. Steps involved in the conduct of the project: Students may work upon the following lines as a suggested flow chart: A-</p> <ol style="list-style-type: none"> 1. Choose a Title/Topic 2. Need of the Study 3. Objective of the Study 4. Hypothèses 5. Content -Timeline, Mind maps, Pictures, etc. 6. (Organization of Material/Data Present Material/Data) 7. Analyzing the Material/Data for Conclusion 8. Draw the Relevant Conclusion 9. Bibliography <p>B. Expected Checklist for the Project Work:</p> <ul style="list-style-type: none"> ● Introduction of topic/title ● Identifying the causes, events, consequences and/or remedies ● Various stakeholders and effect on each of them ● Advantages and disadvantages of situations or issues identified ● Short-term and long-term implications of strategies suggested during research ● Validity, reliability, appropriateness, and relevance of data used for research work and for presentation in the project file ● Presentation and writing that is succinct and coherent in project file ● Citation of the materials referred to, in the file in footnotes, resources section.
<p>History (027)</p>	<ol style="list-style-type: none"> 1. Solve Worksheet of ch-1 and ch-2 in register Worksheet will be provided on google classroom 2. Prepare a project file on The Harappan civilization and Vijaynagar
<p>Marketing (812)</p>	<p>Collect various (20-25) packages for fast moving consumer goods. Create a practical file demonstrating packaging and labeling strategies adopted by various firms. Examine any 5 FMCG Products and write their case studies. The case study should include the strategy of 4P's adopted by the firm for its product. Also prepare a PowerPoint presentation on an Innovative Product (non-existing product). The PPT should include the information about the product, its pricing, promotion and distribution strategies. Guidelines for Project Preparation: The final project work should encompass chapters on: a) Introduction b) Identification of core and advance issues c) Learning and understanding d) Observation during the project period.</p>
<p>Political Science (028)</p>	<p>Complete the project work according to CBSE guidelines.</p> <p>Title of the project Acknowledgement Certificate Index Body of the project Conclusion Bibliography</p>

	<p>General instructions-</p> <p>The work has to be done on A3 size sheet.</p> <p>The project should be handwritten.</p> <p>Please do the research work on any one subject as discussed in class.</p> <p>World politics</p> <p>The Bipolar 19th Century World.</p> <p>Third World representation in international politics.</p> <p>The profoundly distorted notion of the UN.</p> <p>The cruel violation of human rights.</p> <p>The Insecurity: a risk to the advancement of the country</p> <p>An evaluation of the government's contribution to reducing poverty in Southeast Asia.</p> <p>Indian politics</p> <p>1975 Emergency: Preserving "INDIRA"</p> <p>The division doctrine of Nehru and Jinnah</p> <p>The notion of secularism in India</p> <p>Operation Blue Star</p> <p>The urban naxals: who are they?</p> <p>Do opposition parties still exist in Indian politics?</p> <p>India's strategy of commercialising and privatising state-owned businesses: an evaluation of the telecom.</p> <p>Political engagement and the advancement of India.</p> <p>Revise complete covered syllabus upto 10 may.</p>
<p>Psychology (037)</p>	<p>CASE STUDY FILE:</p> <p>Case study is an in depth analysis of a person.</p> <p>You are required to choose a person on whom you want to do your case study. The person should be from 14-18 years of age and willing to cooperate with you.</p> <p><u>FILE WORK</u></p> <p>Following are the guidelines for preparing a case study file:</p> <p>Cover page showing the title (Case Profile, student information, school and year)</p> <p>List of contents with page number</p> <p>Certificate</p> <p>Acknowledgement</p> <p>Introduction to case study profile</p> <p>Explain case study method</p> <ol style="list-style-type: none"> 2. Types of case study 3. Advantages and disadvantages of case study <p>Tools used for collecting Data</p> <ol style="list-style-type: none"> 1. Interview Method (explain its meaning , types, pros and cons) 2. Observation Method (explain its meaning , types, pros and cons) 3. Psychological Test (explain its meaning , types, pros and cons) <p>Objective of a case study</p> <p>Rapport Formation</p> <p>Preliminary Information of the subject</p> <p>Ø Name, Age, Gender, Birth order, Number of sibling, Education, Locality of</p>

	<p>Residence, Religion, Parental Education and Occupation, Family Income, Subject Medical History, Introspective Report</p> <p>Interview (at least 15 questions)</p> <ul style="list-style-type: none"> Ø Subject’s Interview Ø Parents Interview Ø Friends / siblings Interview <p>Interview Analysis / Interview Report based on the above responses</p> <p>Observation</p> <p>Report of Subject’s observation (Share how he/ she is in school/ with friends / with parents according to your observation)</p> <p>Psychological Test</p> <ul style="list-style-type: none"> Ø Self Concept Questionnaire <p>Test Result Interpretation</p> <p>Conclusion</p> <p>Suggestions</p> <p>Bibliography</p>
<p>Design (830)</p>	<p>Project 1 Do research on past movement of design. Make a file on it. (Approx 10 pages)</p> <p>Project 2</p> <ul style="list-style-type: none"> • Make 10-15 sketches, atleast 5 should be in colour. • Redesign a logo of an existing company of your choice. (Also attach your thought process pages where you will be sketching for the logo). <p>Project 3</p> <ul style="list-style-type: none"> • Make an advertisement of a product/company of your choice.