

**ST. JOHN'S ENGLISH MEDIUM SCHOOL
CHHURA**

SUMMER HOLIDAY HOMEWORK

SESSION: 2023-24

**SUMMER VACATION IS HERE,
LET'S GIVE IT A BIG CHEER,
TIME FOR FUN AND CARE,
AND DELIGHTFUL THOUGHTS TO SHARE.**

Dear Parents Greetings!

Wishing you a happy summer! May the good sunshine of this season fill your life with glee and glow and bring your heart love and laughter! Here are a few activities planned to encourage students to explore, engage and enjoy while they learn a lot! Waiting to listen to them as they share their memories once they are back to school! Have a safe and joyous vacation!

Holiday is the time that we all eagerly wait for. We all make plans to enjoy, to relax and to empower ourselves during these gala days. This summer vacation the HolidayHomework designed by the mentors of the school is a medium for you all to achieve the motto of "Fun and Learn". The activity based assignments will foster curiosity, develop creativity, enhance knowledge and instill the joy of learning among you all. They will certainly help you discover a new you who is more enriched and confident and performs every action to perfection.

BE A WONDERFUL HUMAN BEING KEEP IN MIND TO:

- Keep revising your syllabus and prepare well for Periodic Assessment -1.
- Follow a schedule during holidays. Be a good time manager.
- Read newspapers daily and stay updated with current affairs.
- Work upon your hobbies.
- Appreciate nature and go for 'Nature Walks', plant trees and spread the message of 'Nature Conservation'.
- Minimize the use of gadgets.
- Keep the home clean and mess free.
- Pray to the Almighty daily and express gratitude for the blissful life that you enjoy.
- Be a helping hand to your parents and learn the skill of shared responsibility.
- Spend time with your parents and grandparents, their rich experience will help you overcome challenges with ease.
- Water the plants and rejoice the beauty of nature.

ST. JOHN'S ENGLISH MEDIUM SCHOOL
CHHURA
(HOLIDAYS HOMEWORK FOR CLASS - IX)
ENGLISH

Reading Skills

1. Read the uncovered stories of your course books thoroughly to enhance your reading and understanding.
2. Pick up news everyday either by reading Newspaper or through television and write only one news article under the given headings like National, International, Sports, Business and express your views on it.

Writing Skills

3. Maintain a diary during summer break and pen down your thoughts on day-to-day life. (Minimum 10 entries to be done)
4. Describe the main characters of the following topics:
 - (a) The Fun They Had
 - (b) The Sound of Music
 - (c) The Lost Child
 - (d) The Adventures of Toto
5. What's a vacation without having read some books? You might have definitely read some of the books. Pour out your thoughts as a write-up on any specific book of your choice and prepare a 'Book Review'.

A. Key points to prepare the Book Review:

- You must take a scrap book to prepare the Book Review.
- Then you must choose the Book as per the interest and taste
- Then you should make notes on the following:
 - The Author
 - Background and Qualifications
 - Writing Style
 - Purpose of writing the Book
 - The Book
 - Table of Contents
 - Chapter Titles
 - The Content
 - Introduction and Conclusion of the Book
 - Preface
 - Chapter Summaries
 - At least 6 Pictures related to the book to be pasted or drawn (If possible)

B. Structure of the Book Review:

- Acknowledgement
- Index of the Content
- About the Title
- About the Author
- Synopsis/Theme/Summary/Plot

- Main Characters
- Favourite Character and Why
- Favourite Scene and Why Style of Writing
- Your Recommendations/Suggestions

C. Cover Page (Front):

- Title of the Book
- Name of the Author
- A picture related to the Book

SOCIAL SCIENCE

Project Work – DISASTER MANAGEMENT

Individual Activity

“We cannot stop natural disasters but we can arm ourselves with knowledge: so many lives wouldn't have to be lost if there was enough disaster preparedness.” - Petra Nemcova

Keeping the above statement in mind prepare a project on Disaster Management.

Note: Follow this pattern while making your project.

- Design a cover page.
- Students Profile with a passport size photograph.
- Make an Index
- Acknowledgement.
- Introduction.
- Preface.
- Case study. (Take any one disaster in detail-Natural/Man-made)
- Conclusion
- Glossary
- Bibliography
- Teacher's remarks.

Note: There are ten compulsory pages in the project i.e., cover page, student profile, index, acknowledgement, introduction, preface, conclusion, glossary, bibliography and teacher's remarks. These 10 compulsory pages should be on the right hand side of the Project file.

IMPORTANT INSTRUCTIONS:

- The project work will be of 5 marks.
- This project is compulsory for all.
- Marks of this project will be added in the finals.
- The project report should be handwritten.
- Refer Disaster management book. You can also refer e-book through <https://www.cbse.gov.in>
- The Project should contain at least 15-20 pages.
- Make use of A4 size sheets with spiral binding.

X

ENGLISH

Prepare a Biography of the following Poet/ Author as specified against your respective Roll Nos:

- 1) DHRUBAJYOTI BORA
- 2) SIDDHARTHA DEB
- 3) DAISY HASAN
- 4) DHRUBA HAZARIKA
- 5) ARUNDHATI ROY
- 6) MAMANG DAI
- 7) DIBANG
- 8) YESHE DORJEE
- 9) TAMO MIBANG
- 10) RITA CHAUDHARY
- 11) JOHN MILTON
- 12) WILLIAM WORDSWORTH
- 13) LORD BYRON
- 14) JOHN KEATS
- 15) PB SHELLY
- 16) ST COLERIDGE
- 17) WILLIAM SHAKESPEARE
- 18) KAMLADAS
- 19) RABINDRANATH TAGORE
- 20) HOMER
- 21) SOPHOCLES
- 22) RK NARAYAN
- 23) VIKRAM SETH
- 24) RUSKIN BOND
- 25) ROBERT FROST
- 26) AMRITA PRITAM

Points to be kept in mind while making a Biography:

- Think simple
- Create impact with simple images
- Be creative with your inserts
- Be creative and innovative
- Break conventions and use perspective to your advantage
- Don't be afraid of change
- Add handwritten text and incorporate different hues to it

How to prepare a Biography:

COVER PAGE –

- a) Should be covered using handmade paper
- b) Should have Name of the Poet/Author
- c) Should have Picture of the Poet/Author

FIRST PAGE –

- a) It should have Name of the School, Students name, Subject, Topic, Class, Section and Roll Number

SECOND PAGE –

a) It should contain proper Index of the content.

THIRD PAGE –

It should have the following ACKNOWLEDGEMENT:

ACKNOWLEDGEMENT

a) In the wake of present scenario, E-Teaching and Learning process has become the need of the hour. It is now a bridge between theoretical and practical working. Our teachers are helping us every moment in exploring the technology and learning through it.

b) First of all, I would like to thank the supreme power, the Almighty God who has always been a guiding lamp for taking me on the right path of life. Then I am also indebted to my parents who have brought me up with great care, love and affection that I have been capable of coming up to their expectations.

c) My special gratitude and appreciation is extended to my English Teacher, MRS. BINDU G. JACOB for her able guidance and support in completing this Biography. This would not have been successful if I had not been provided with required information and facility by my teacher. It was through her enlightening knowledge and wisdom during the course of my work that I could complete this. Without the timely assistance and dedicated involvement at every step throughout the process, this venture would have never been accomplished.

d) It is also my duty to express my deep sense of gratitude and heartfelt thanks from the core of my heart to our honorable Principal for her valuable guidance and constant encouragement. The impact of her assistance is evident throughout this work.

NAME OF THE SCHOOL: ST. JOHN'S ENGLISH MEDIUM SCHOOL, CHHURA

NAME: _____

CLASS & SECTION: _____

DATE: _____

SIGNATURE: _____

FOURTH & FIFTH PAGE -

a) Main points of a person's life in chronological order with picture

SIXTH & SEVENTH PAGE -

a) Educational Background, his works and achievements with pictures

EIGHTH & NINTH PAGE -

a) Brief account of the significance of the individual in the community with pictures

TENTH PAGE -

a) Any other relevant and apt information related to the Person

LAST PAGE - State THANK YOU

HINDI

- (1) अपने माता-पिता, बड़े भाई-बहन या परिवार के अन्य बड़े सदस्यों से उनके जीवन के बारे में बातचीत कीजिए और पता लगाइए कि बेहतर ढंग से जिन्दगी जीने के लिए क्या काम आया समझदारी, पुराने अनुभव या किताबी पढ़ाई?
- (2) आपकी छोटी बहन/भाई छात्रावास में रहती/रहता है उसकी पढ़ाई लिखाई के संबंध में उसे एक समय सारणी बनाने का सुझाव देते हुए और उस पर अमल करने की आवश्यकता का महत्व समझाते हुए पत्र लिखिए।
- (3) दोहा, चौपाई, पद, कविता के अंतर को खोजें और गायन शैली को सुनकर उसकी भिन्नता को समझने का प्रयास करें।
- (4) निम्नलिखित शब्दों के हिन्दी शब्द बताते हुए वाक्यों में प्रयोग कीजिए –
टाजाद, नसीब, मुल्क, इलाज, जमीन, मजहब, हपता, हकुम, किताब, मंजूर।

MATHS

Make any one of the following projects:

- (i) Story of π .
- (ii) Development of Number Systems with their needs.
- (iii) Mathematical designs and patterns.
- (iv) Indian Mathematicians and their contributions.
- (v) Ramanujan number (1729)
- (vi) Application of Geometry in day-to-day life.
- (vii) Application of Algebra in day-to-day life.
- (viii) Application of Mensuration in day-to-day life.

Write a self-created/written article on any topic of Mathematics on an A4 sheet.

3. Do the following activities in your practical file:

- (i) Objective: To verify the conditions for consistency of a system of linear equations in two variables by graphical representation.
- (ii) Objective: To set the idea of probability of an event through a double colour cards experiment.

4. Do the given 2 assignments.

ASSIGNMENT-I

1. Find the HCF of 4032 and 262 by Euclid's division algorithm.
2. Prove that $\sqrt{5}$ is irrational.
3. Express each number as a product of its prime factors:
 - (i) 3825
 - (ii) 5005
 - (iii) 7429
4. Given that $\text{HCF}(306, 657) = 9$, find $\text{LCM}(306, 657)$.
5. Prove that $3 + 2\sqrt{5}$ is irrational.
6. Check whether $15n$ can end with the digit 0 for any natural number n .
7. What is the HCF of the smallest prime number and the smallest composite number?
8. Using Euclid's Algorithm, find the HCF of 2048 and 960.
9. Find HCF and LCM of 404 and 96 and verify that $\text{HCF} \times \text{LCM} = \text{Product of the two given numbers}$.
10. Given that $\sqrt{2}$ is irrational, prove that $(5 - 3\sqrt{2})$ is an irrational number.

ASSIGNMENT-II

1. If the sum of zeroes of the quadratic polynomial $3x^2 - kx + 6$ is 3, then find the value of k .
2. If α and β are the zeroes of the polynomial $ax^2 + bx + c$, find the value of $\alpha^2 + \beta^2$.
3. If the sum of the zeroes of the polynomial $p(x) = (k^2 - 14)x^2 - 2x - 12$ is 1, then find the value of k .
4. If α and β are the zeroes of a polynomial such that $\alpha + \beta = -6$ and $\alpha\beta = 5$, then find the polynomial.
5. Find a quadratic polynomial, whose zeroes are -4 and -5.
6. Form a quadratic polynomial whose zeroes are $3 + \sqrt{2}$ and $3 - \sqrt{2}$.
7. Find a quadratic polynomial, the sum and product of whose zeroes are $\sqrt{3}$ and 1 respectively.

8. Find the zeroes of the quadratic polynomial $\sqrt{3}x^2 - 8x + 4\sqrt{3}$.

9. If the zeroes of the polynomial $x^2 + px + q$ are double in value to the zeroes of $2x^2 - 5x - 3$, find the value of p and q.

10. Find the zeroes of the quadratic polynomial $3x^2 - 75$ and verify the relationship between the zeroes and the coefficients.

SCIENCE

PHYSICS

- Do the written practice of all ray diagrams and numerical questions (CHAPTER– LIGHT).

CHEMISTRY

- Revise and learn all the NCERT and NCERT EXEMPLAR objective and subjective type question answers.

UNIT – 1 – CHEMICAL REACTIONS AND EQUATIONS

UNIT – 2 - ACIDS, BASES AND SALTS (till pH topic only)

- Bring 1 article based on science for school magazine.

BIOLOGY

- Draw well labelled diagrams of- Digestive System, Respiratory System, Circulatory System and Excretory System

SOCIAL SCIENCE

1. On the outline map of India locate the following places:

(A) 1920 Sept. Congress session.

(B) 1920 Dec. Congress session.

(C) Dandi March

(D) 1929 Congress session.

(E) Champaran Satyagrah / Kheda Peasants Satyagrah/ Ahmedabad Satyagrah.

(F) Jalianwala Bagh Tragedy.

2. Read and revise the following Chapters:

(1) Nationalism in India

(2) Money and Credit

(3) Gender, Caste and Religion

3. Collect deposit form / cheque / with draw form / fill it and paste it on note book.

4. Project: Prepare a project file on any topic (choose any one topic)

(1) Consumer Awareness (2) Social issues / Sustainable Development.

COMPUTER APPLICATION

1. Make a Chart on any of the following topics

a. Computer Lab Rules

b. Computer software

c. Cyber crime

d. Cyber security

e. Internet services

f. E- shopping

g. Web browsers

h. Smart phones

i. Internet

j. Artificial intelligence

k. Any other relevant topic related to computers

The Chart should be made on full size IVORY SHEET in Portrait orientation and with proper border etc.

2. Make a power point Presentation on the topic – MS-Access and its Applications
