

New Era Progressive School

Korba

Holiday Home Work

Class - X

ENGLISH

1) Letter to the Editor

ABC Colony,

Bhopal.

Date: 17 April 2026

The Editor,

The Times of India,

Bhopal.

Subject: Rising Pollution in the City

Sir/Madam,

I wish to draw your attention to the increasing pollution in our city through the columns of your esteemed newspaper. Smoke from vehicles, factories, and burning garbage has made the air unhealthy and difficult to breathe. Many people are suffering from cough, allergies, and breathing problems.

The situation is becoming serious day by day. The authorities should take strict action against polluting industries, control traffic emissions, and ban open burning of waste. Plantation drives should also be organized in schools and public places. Citizens must be made aware of their responsibility towards keeping the environment clean.

I hope you will highlight this issue in your newspaper so that immediate steps are taken.

Yours sincerely,

ABC

2) Inquiry Letter

45, Shastri Nagar,

Jabalpur.

Date: 17 April 2026

The Manager,

Bright Future Coaching Institute,

Jabalpur.

Subject: Inquiry About Spoken English Course

Sir/Madam,

I recently saw your advertisement about the Spoken English Course offered by your institute. I am interested in joining the course to improve my communication skills and confidence in speaking English.

Before taking admission, I would like to know the details regarding the fee structure, duration of the course, and class timings. Please also inform me whether weekend batches are available for students. I would also like to know if study material is included and whether certificates are provided after completion of the course. Kindly mention the admission procedure as well.

I shall be grateful if you send the required information soon.

Yours faithfully,

ABC

3) Complaint Letter

House No. 21, Green Park,

Korba.

Date: 17 April 2026

The Municipal Commissioner,

Municipal Office,

Korba.

Subject: Complaint Regarding Dirty Streets

Sir/Madam,

I wish to bring to your notice the poor cleanliness conditions in our locality. Garbage remains scattered on the roads for several days, and overflowing dustbins create a foul smell in the area. Stray animals spread the waste further, making the surroundings dirty and unhygienic.

The dirty environment has increased mosquitoes and flies, creating fear of diseases like dengue and malaria. Children and elderly people are facing many problems. Despite repeated complaints, no regular cleaning is being carried out.

I request you to arrange daily cleaning, proper garbage collection, and regular fogging in the locality. Immediate action will help maintain hygiene and public health.

Yours faithfully,

ABC

4) Order Letter

XYZ School Library,

Raipur.

Date: 17 April 2026

The Sales Manager,

ABC Book Depot,

Raipur.

Subject: Order for School Stationery

Sir/Madam,

Our school requires stationery items for the new academic session. Kindly supply the following items at the earliest: 100 notebooks, 50 packets of blue pens, 50 boxes of pencils, and 25 school bags.

Please ensure that all items are of good quality and packed properly to avoid damage during transportation. As we are placing a bulk order, kindly grant us a reasonable discount. Payment will be made after delivery and verification of the goods.

You are requested to deliver the materials within seven days so that school work may begin on time. We hope for a prompt and positive response.

Yours faithfully,

Librarian

XYZ School

Portfolio

Cover Page

Student Name: _____

Class/Section: _____

Roll No.: _____

School Name: _____

Session: 2026–27

(Paste your photo here)

Index

- 1) Personal Profile
- 2) Goals & Aspirations
- 3) Academic Achievements
- 4) Subject Work Samples
- 5) Projects & Activities
- 6) Certificates & Awards
- 7) Co-curricular Activities
- 8) Community Service
- 9) Skills Learned
- 10) Reflection
- 11) Teacher Remarks
- 12) Parent Feedback

1. Personal Profile

- Name:
- Date of Birth:
- Address:
- Hobbies:
- Strengths:
- Favourite Subject:

2. Goals & Aspirations

- Write about your future dream, career goals, and what inspires you.

3. Academic Achievements

Subject	Best Score	Improvement Goal
English		
Maths		
Science		
Social Science		
Hindi		

4. Subject Work Samples

- Attach best assignments, notes, creative writing, diagrams, etc. If any)

5. Projects & Activities

- Describe school projects, exhibitions, models, experiments, surveys, etc.

6. Certificates & Awards

- Paste copies/photos of certificates.

7. Co-curricular Activities

- Sports, music, dance, art, debate, quiz, house competitions, etc.

8. Community Service

- Plantation drive, cleanliness campaign, helping others, volunteering, etc.

9. Skills Learned

- Communication
- Leadership
- Teamwork
- Time Management
- Creativity
- Digital Skills

10. Reflection

- What did you learn this year? What challenges did you overcome?

11. Teacher Remarks

12 . Parent Feedback

Practice Questions (120–150 Words Each)

Letter to the Editor

Write a letter to the Editor of a newspaper about the problem of water shortage in your city.

- (120–150 words)

Inquiry Letter

Write a letter to the Manager of a coaching institute inquiring about the fee structure, duration, and timings of a computer course.

- (120–150 words)

Complaint Letter

Write a letter to the Municipal Commissioner complaining about broken roads and poor drainage in your locality.

- (120–150 words)

Order Letter

Write a letter to a bookshop placing an order for notebooks, pens, and school bags for your school.

- (120–150 words)

Art Integrated Activity

Theme: Cultural Connection Between Gujarat and Chhattisgarh

Student Details

Name: _____

Class/Section: _____

Roll No.: _____

Subject: English

Session: 2026–27

Objective

To explore the culture, geography, art, language, economy, food, and heritage of Gujarat and Chhattisgarh through creative and interdisciplinary activities.

Part A: Introduction

India is a land of diverse cultures. Gujarat and Chhattisgarh are two unique states with rich traditions, art forms, festivals, industries, and natural resources. This project helps us understand

Task: Explain how these resources help development and suggest ways to conserve them.

4. English – Creative Writing

Paragraph Writing:

"If I Visit Gujarat and Chhattisgarh" Write 120–150 words describing what you would like to see, learn, and experience.

Create border designs inspired by traditional patterns.

Part B: Project-Based Activity

Travel Brochure

Design a brochure inviting tourists to visit Gujarat and Chhattisgarh.

Include:

- Tourist places
- Food
- Dance
- Handicrafts
- Best time to visit
- Conclusion

Gujarat and Chhattisgarh are different in language and traditions, yet both contribute greatly to India's heritage and progress. This activity teaches us to respect and celebrate diversity.

HINDI

पोर्ट फोलियो निर्माण हेतु कार्य -

- 1) कुछ भी सीखने के लिए आरंभ में अनेक कठिनाइयों का सामना करना पड़ता है। आपको क्या सीखने में कठिनाई व रोमांच का अनुभव हुआ, रोचक घटना के रूप में लिखिए। जैसे- कम्प्यूटर चलाना, ई-बुकिंग, पेंटिंग बनाना आदि।

निम्न बिंदुओं के आधार पर-

- 1) अपनी आयु, सीखने की विधि, स्थान, कठिनाइयाँ व सफल होने तक की पूर्ण प्रक्रिया को रोचक घटना के रूप में, चित्रों के साथ 100 - 150 शब्दों में लिखिए।
- 2) आपके मित्र ने नीट की परीक्षा में राज्य में तीसरा स्थान प्राप्त किया है। उसे बधाई देते हुए लगभग 40 शब्दों में एक बधाई संदेश लिखिए।
- 3) आपका एक मित्र शिमला में रहता है। आप उसके आमंत्रण पर ग्रीष्मावकाश में वहां गए और प्राकृतिक सौंदर्य का खूब आनंद उठाया। घर वापस लौटने पर कृतज्ञता व्यक्त करते हुए मित्र को पत्र लिखिए।

नोट-

- पहला पेज हस्तलिखित आकर्षक बनाएं।
- दूसरे पेज में अपना बायोडाटा लिखें।
- तीसरे पेज से दिए गए गृहकार्य को लिखें।
- हर प्रश्न अलग पेज (न्यू पेज) में बनाना है।
- कार्य आकर्षक, प्रभावशाली भाषा, लेखन और वर्तनी प्रस्तुतियोग्य होना चाहिए।
- सारा कार्य आंतरिक मूल्यांकन के अंतर्गत जाँचा जाएगा।

- इसके अंक परीक्षा में जोड़े जाएंगे

आर्ट इंटीग्रेटेड हेतु कार्य-

- 1) गुजरात तथा छत्तीसगढ़ के खानपान, वेशभूषा, कवि/लेखक, प्रमुख त्यौहार, तथा पारंपरिक नृत्य की जानकारी एकत्र कर एक स्कैपबुक (संग्रहपुस्तिका) तैयार कीजिए।

अथवा

- 2) गुजरात तथा छत्तीसगढ़ के किन्हीं पांच स्वतंत्रता संग्राम सेनानियों की परियोजना फ़ाइल बनाएँ, जिसमें इन सेनानियों की फ़ोटो, नाम, जन्म-मृत्यु तिथि, महत्त्वपूर्ण कार्य/ स्वतंत्रता प्राप्ति हेतु सहयोग आदिका वर्णन हो।

SANSKRIT

- 1) व्याकरण संचिकायाम् (कॉपी में) स्वदिनचर्या दशवाक्ये लिख।

MATHEMATICS

1. MATHS LAB MANUAL

- i) To draw the graph of a quadratic polynomial and observe
 - the shape of the curve when the coefficient of x^2 is positive
 - The shape of the curve when the coefficient of x^2 is negative
 - It's number of zeros
- ii) to verify the conditions of consistency / inconsistency for a pair of linear equations in two variables by graphical method.

2. PORTFOLIO (based on each topic in file)

- X A - pair of linear equations into variables/ Surface Areas and Volumes
- X B - polynomials / Triangles
- X C - Real numbers / Arithmetic Progressions
- X D - Circles/ Areas related to circles

3. Prepare a PPT on the Demography of Chhattisgarh and Kerala (maximum 12 slides).

SCIENCE

BIOLOGY

A. PORTFOLIO (Students are required to select **one** topic from the list below and prepare a portfolio.)

1. Human Evolution - A Timeline

Art Theme: The Journey of the Wise Man (Homo sapiens)

Activity: Create a series of five silhouettes (using black ink or paper cut outs) depicting the transition from Australopithecus to Homo sapiens.

Key Focus Areas (Labels):

Bipedalism: The change from walking on four limbs to two.

Cranial Capacity: The visual expansion of the skull (brain size).

Tool Use: Sketching a simple stone tool next to Homo habilis and a spear next to Homo sapiens.

Student Reflection: "How did the change in hand structure (opposable thumbs) lead to the development of art and culture?"

2. Speciation: The Architecture of Biodiversity

3. Nature's Workshop: The Mechanics of Speciation

B. Students are required to submit their project either as a written report in their notebook or as a poster.

The Gut-Brain Axis (The Second Brain)

- Why a Healthy Microbiome is the Key to a Happy Mind?
- How Your Gut Dictates Your Mood.?
- How Fibre and Fermented Foods Shape Your Mental Well-being?

CHEMISTRY

1. PORTFOLIO

Instructions:

Students will prepare a portfolio file by choosing **ANY ONE** of the following chapters:

- I. Chemical Reactions and Equations
- II. Periodic Classification of Elements

Portfolio Guidelines:

- Work must be neat, creative, and handwritten
- Use diagrams, colors, and examples

2. ACTIVITY (Choose ANY ONE)

- i) Rusting of Iron
- ii) Vinegar + Baking Soda
- iii) Lemon on Turmeric
- iv) Milk + Lemon

Include:

- Aim
- Materials
- Procedure
- Observation
- Chemical Reaction
- Diagram and pictures
- Result/Conclusion

Photo Requirement:

- Paste 2–4 photos step-by-step with captions
- Write it in your chemistry notebook.

3. Perform any one test to detect adulteration in a food item at home (such as milk, honey, salt, or chilli powder). Record a short video (1–2 minutes) showing the procedure, observation, and conclusion. In your video, include:

- Name of the test
- Materials used
- Procedure
- Observation
- Conclusion

Submission:

- Submit after vacation with neatness and creativity.

PHYSICS

GENERAL INSTRUCTIONS : - PERFORM ANY 1 TASKS OUT OF 3 TASKS AND ART PROJECT IS COMPULSORY FOR ALL.

Task 1: Physics Comic Strip

- Create a comic story (6–8 frames) based on any one topic:
- Light (reflection/refraction)
- Electricity
- Human Eye
- Include: Characters explaining concepts
 - Real-life situation
 - Proper scientific explanation in simple language

Task 2 : Physics in Daily Life Scrapbook

- Prepare a creative scrapbook (5–7 pages) on: “Physics Around Me”
- Include: Photos/drawings of real-life applications
 - Topics like electricity, lenses, mirrors
 - Short explanations (2–3 lines each)

Task 3: Interview a Family Member

- Ask: How electricity was used earlier vs now
 - Changes in technology
- Write a 1-page report connecting with physics concepts

Art Project: Artemis II Mission

Introduction

Artemis II is a mission by NASA that will send astronauts around the Moon. It is part of the Artemis program, which aims to return humans to the Moon.

Page 1: Cover Page

- Title: “Journey to the Moon – Artemis II”
- Draw: A rocket launch (Space Launch System)
- The spacecraft (Orion spacecraft)
- Moon and stars
- Use bright colours, glitter (optional)

Page 2: What is Artemis II?

- It is the first crewed mission of the Artemis program
- Astronauts will travel around the Moon and come back to Earth
- It will test systems for future Moon landing missions

Add a small drawing of astronauts inside the spacecraft

Page 3: Crew Members

- Draw simple portraits and write names:
- Reid Wiseman
- Victor Glover
- Christina Koch
- Jeremy Hansen

Page 4: Mission Journey

- Draw a diagram:
- Rocket launch from Earth
- Travel to Moon
- Orbit around Moon
- Return to Earth

Use arrows and labels to make it neat and creative

Page 5: Why is it Important?

- Helps humans go back to the Moon
- Prepares for future missions to Mars
- Encourages science and discovery
- Add stars, planets, and creative borders

Creative Touch Ideas

- Use black paper + white pen for space effect
- Add foil for rocket flames
- Make a small pop-up Moon
- Use cotton for clouds during launch

Submission Guidelines:-

- ✓ Neat and creative presentation
- ✓ Use colours, diagrams, and labels
- ✓ Mention your name, class, and topic clearly
- ✓ Submit after holidays

SOCIAL SCIENCE

“Awareness about Quality Marks”

- a) ISI mark
 - b) AGMARK
 - c) Hallmark
- 1) Collect pictures of products showing these marks.
 - 2) Write importance of each Mark.

Note - The Holiday homework should be done in file and use only A4 size pages. And paste pictures in the file.

INFORMATION TECHNOLOGY(402)

- 1) Make a chart to define the important forms of verbal communication. Use markers and colours to highlight differences amongst all
- 2) Chart Making on Elements of Communication.
Material required: Chart Paper, Colours and Pencil etc.
Make a chart showing the elements of communication in the communication cycle or communication process.
- 3) Prepare a chart of Yuva Shakti-driven Budget 2026 “Government’s ‘Sankalp’”. Use Chart Paper, Colours and Pencil etc.

Note: IT holiday homework has to done in IT note book