

SUMMER
VACATION

HAPPY
VACATION
HOLIDAY

LITTLE FLOWER CHILDREN SCHOOL-BALLIA



Affiliated to CBSE New Delhi [10+2]



The time to cheer aloud,
The time when you can play,
On the beach with your loved ones,
And do what your heart say,
There is no one to see here,
There is nothing as such to see,



Only the sunlight passing the
home, And clear blue sky as can
be, Summers are finally here,
So have a good summer time,
As it's the most
amazing time
Happy Summer Time.

Session- 2026-27

Class: 9



Passport
Size Paste
Photo



STUDENT'S NAME : _____



ROLL NO. : _____



SECTION : _____

Holiday Homework



NOTICE

Happy Holidays!



NOTICE NO.: LFCS/May/09/2026

DATE: 22/05/2026

Dear Parents,

Summer vacation is a joyful and refreshing time for children. It provides them with an opportunity to relax, explore their interests, and learn beyond textbooks. It is also the perfect time to encourage creative thinking and skill development.

To make this vacation meaningful and engaging, we have prepared fun-filled and educational assignments. These have been designed to ensure that children enjoy themselves while learning. We encourage students to complete the tasks independently, with minimal assistance. Your cooperation will help us nurture responsible and curious learners. We would appreciate it if the children complete the assignments on their own. Help and guidance may be given wherever required. Let us work together towards the betterment of the students.



Exciting prizes will be awarded to the best five Holiday Assignments.



SUMMER VACATION STARTS FROM
23rd MAY 2026
TO 30th JUNE 2026

Classes will resume on **1st July 2026 (Wednesday)** as usual.



GENERAL INSTRUCTIONS TO BE FOLLOWED

- 1 The Summer Vacation is from **23rd May 2026 to 30th June 2026**.
- 2 Classes will resume on **1st July 2026 (Wednesday)** as usual.
- 3 The Summer Vacation Home Assignment is available on our website: www.lfcsballia.co.in
- 4 The school office will remain open from **8:00 am to 1:00 pm** during the summer vacation.
- 5 The holiday homework is to be done neatly and in accordance with the questions asked. Submit it to the subject teacher on or before **5th July 2026**. Late submissions will not be considered for prizes.
- 6 Mock Test Result Distribution will be held on **25th May 2026**, from **9:00 am to 11:30 am**.
- 7 Download the holiday homework pages and complete the tasks.
- 8 Handwriting should be neat and legible.
- 9 All holiday homework should be done in the designated holiday homework copy or on the given worksheets.
- 10 The holiday homework will be graded.
- 11 Work should be original and not copied from the internet.
- 12 Assignments should be submitted to the respective subject teachers. Surprise recapitulations will be conducted in July.
- 13 Encourage your ward to complete the holiday homework independently.

SUMMER TIPS FOR STUDENTS



Stay active: Go for walks, play outdoor games, do yoga and exercise daily.



Read daily: Books, newspapers, stories and comics improve knowledge and vocabulary.



Eat healthy: Eat fresh fruits, homemade food and drink plenty of water.



Learn new skills: Try cooking, gardening, art, music or any new hobby.



Spend quality time with family, help in household chores and talk to grandparents.



Avoid excessive screen time and make the best use of your vacation.

OTHER IMPORTANT POINTS

- ★ Maintain cleanliness and personal hygiene.
- ★ Be safe and follow all safety rules.
- ★ Use your time wisely and develop good habits.
- ★ Think positive, be kind and spread happiness.



*Let's make this summer a time of learning,
fun and beautiful memories!*



Thanks & Regards
LFCS BALLIA

SUMMER VACATION HOMEWORK

HINDI

भारतीय त्योहारों का महत्व

1. होली, दीपावली, रक्षाबंधन आदि का सांस्कृतिक महत्व और परंपराएँ।

स्वच्छ भारत अभियान

2. स्वच्छता का महत्व, सरकार की पहल और विद्यार्थियों की भूमिका।

पर्यावरण संरक्षण

3. प्रदूषण के प्रकार, वृक्षारोपण और पर्यावरण बचाने के उपाय।

महान हिंदी साहित्यकार

4. मुंशी प्रेमचंद्र, महादेवी वर्मा या हरिबंश राय बच्चन के जीवन और रचनाएँ।

डिजिटल इंडिया और विद्यार्थी जीवन

5. इंटरनेट, ऑनलाइन शिक्षा और तकनीक के लाभ-हानि।

Mathematics

General Instructions

- Complete NCERT fair notes up to Chapter 3.
- Complete all 3 chapters from Aasoka.
- Prepare a separate Formulae Copy.
- Use separate notebook for holiday homework.
- Use graph papers wherever required.
- Show complete calculations and steps.

Section A – Real Life Based Activities

1 Real Number Tree: Prepare a colourful chart showing Natural Numbers, Whole Numbers, Integers, Rational

Numbers and Irrational Numbers with examples from daily life.

2 Shopping Bill Activity: Visit a nearby shop and collect prices of 10 items in decimal form.

Classify them into

terminating and non-terminating decimals.

3 Polynomial Area Model: Measure length and breadth of any room in your house and represent area using polynomial expression.

4 Coordinate Geometry Map: Draw a map of your locality using Cartesian Plane and mark school, park, hospital and market with coordinates.

5 Bank Savings Activity: Record daily expenses for one week and represent total savings using algebraic expression.

6 Graph Art Activity: Plot points on graph paper to create a design or pattern using coordinate geometry.

7 Sports Statistics Activity: Collect scores of your favourite player from 5 matches and

represent them using variables and expressions.

Section B – High Level Questions

1. Prove that $\sqrt{11}$ is irrational.
2. Rationalise: $\frac{7}{4+\sqrt{3}}$
3. Simplify: $(\sqrt{7} + \sqrt{5})^2$
4. Find three irrational numbers between $\sqrt{3}$ and $\sqrt{8}$.
5. Find value of $2x^3 - 7x^2 + 5x - 9$ at $x = 3$.
6. Verify whether $x = -1$ is a zero of $x^3 + x^2 - x - 1$.
7. Factorise: $x^2 - 13x + 40$.
8. Find zeroes of $x^2 - 25$.
9. Find remainder when $x^3 - 4x + 5$ is divided by $x + 2$.
10. Plot points $(3,4)$, $(-3,4)$, $(-3,-4)$, $(3,-4)$ and identify the figure.

Section C – Real World Problems

1. A square park has side $(3 + \sqrt{2})$ m. Find its area.
2. A rectangular garden has dimensions $(x+5)$ m and $(x+2)$ m. Find area polynomial.
3. Rohit walks 4 units east and 3 units north. Represent his position on Cartesian Plane.
4. A water tank contains $\frac{45}{128}$ litres of water. Determine whether its decimal expansion terminates.
5. The cost of notebooks in a shop is represented by $x^2 + 5x + 6$. Factorise and find possible arrangements.
6. A student saves $\text{₹}(x+4)$ daily for x days. Write polynomial representing total savings.

Section D – Assertion & Reason

Choose the correct option:

- A. Both Assertion and Reason are true and Reason is correct explanation.**
B. Both Assertion and Reason are true but Reason is not correct explanation.
C. Assertion is true but Reason is false.
D. Assertion is false but Reason is true.

1. Assertion: Every integer is a rational number.
Reason: Every integer can be written in $\frac{p}{q}$ form where $q \neq 0$.
2. Assertion: Point $(0,5)$ lies on y-axis.
Reason: x-coordinate of every point on y-axis is zero.
3. Assertion: $\sqrt{2}$ is irrational.
Reason: Its decimal expansion is non-terminating and non-recurring.
4. Assertion: Polynomial $x^2 + 1$ has zeroes 1 and -1 .
Reason: Zeroes are values that make polynomial zero.

Section E – Case Based Questions

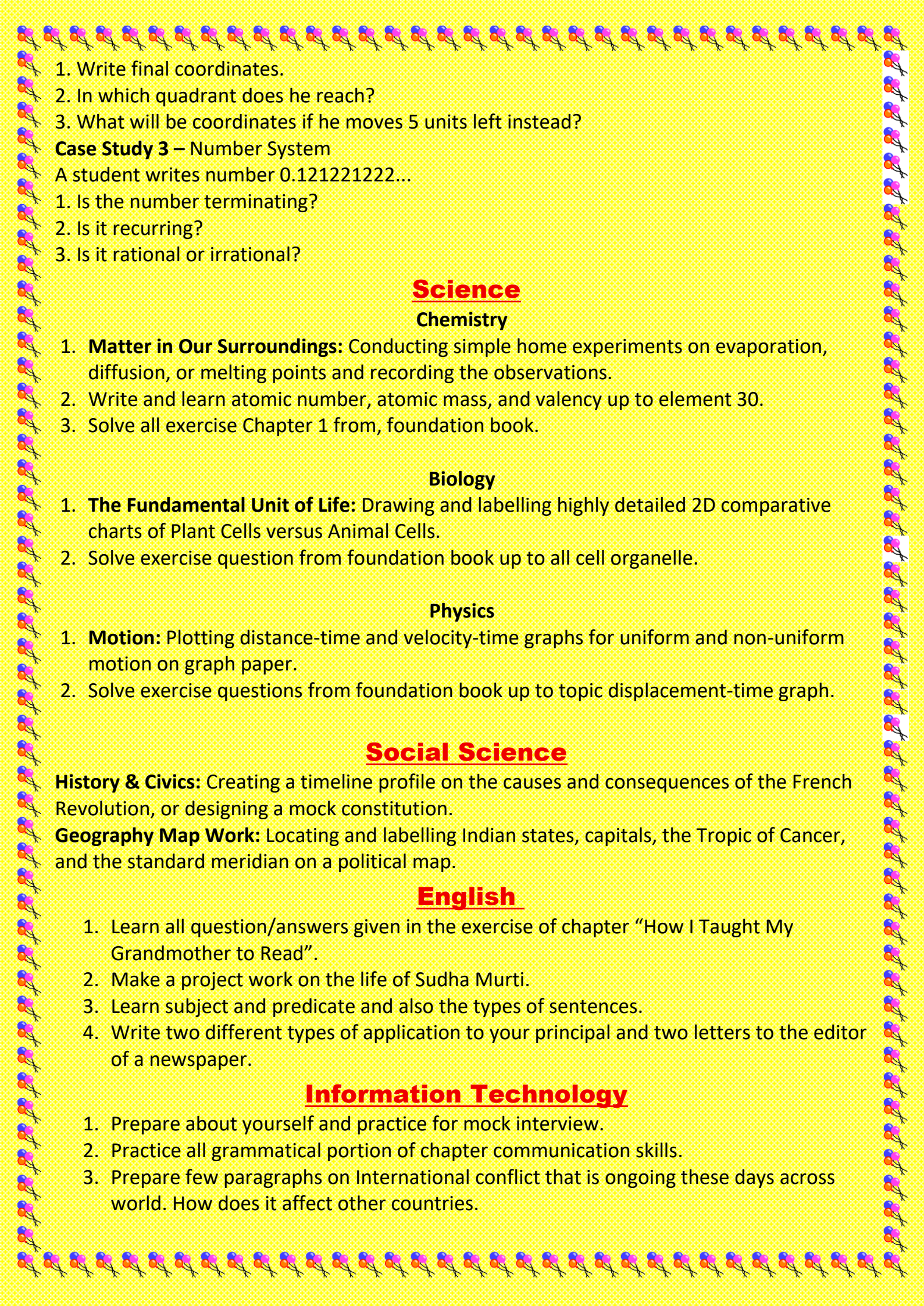
Case Study 1 – School Garden

A school garden has dimensions $(x+3)$ m and $(x+5)$ m.

1. Find area polynomial.
2. Find perimeter polynomial.
3. Find area when $x = 2$.

Case Study 2 – City Map

Aman starts from origin. He moves 5 units right and 4 units upward.

- 
1. Write final coordinates.
 2. In which quadrant does he reach?
 3. What will be coordinates if he moves 5 units left instead?

Case Study 3 – Number System

A student writes number 0.121221222...

1. Is the number terminating?
2. Is it recurring?
3. Is it rational or irrational?

Science

Chemistry

1. **Matter in Our Surroundings:** Conducting simple home experiments on evaporation, diffusion, or melting points and recording the observations.
2. Write and learn atomic number, atomic mass, and valency up to element 30.
3. Solve all exercise Chapter 1 from, foundation book.

Biology

1. **The Fundamental Unit of Life:** Drawing and labelling highly detailed 2D comparative charts of Plant Cells versus Animal Cells.
2. Solve exercise question from foundation book up to all cell organelle.

Physics

1. **Motion:** Plotting distance-time and velocity-time graphs for uniform and non-uniform motion on graph paper.
2. Solve exercise questions from foundation book up to topic displacement-time graph.

Social Science

History & Civics: Creating a timeline profile on the causes and consequences of the French Revolution, or designing a mock constitution.

Geography Map Work: Locating and labelling Indian states, capitals, the Tropic of Cancer, and the standard meridian on a political map.

English

1. Learn all question/answers given in the exercise of chapter “How I Taught My Grandmother to Read”.
2. Make a project work on the life of Sudha Murti.
3. Learn subject and predicate and also the types of sentences.
4. Write two different types of application to your principal and two letters to the editor of a newspaper.

Information Technology

1. Prepare about yourself and practice for mock interview.
2. Practice all grammatical portion of chapter communication skills.
3. Prepare few paragraphs on International conflict that is ongoing these days across world. How does it affect other countries.

Little Flower Children School, Kiriharapur, Ballia

My Daily Routine

Name: _____ Class: _____ Date: _____

Activity	Time Spent / Time of Day	Remarks (if any)
Wake-up Time		
Morning Routine		
Exercise / Yoga		
Breakfast		
Study Time - 1		
Short Break		
Study Time - 2		
Screen Time (TV/Mobile)		
Lunch		
Rest / Nap		
Reading / Hobby Time		
Evening Exercise / Play		
Dinner		
Family Time		
Bed Time		

One thing I enjoyed today: _____

One Good habit I followed today: _____