



## ST. FIDELIS COLLEGE, ALIGANJ, LUCKNOW

(Affiliated to Indian School Certificate Examinations, New Delhi)

Email: [stfideliscollege74@gmail.com](mailto:stfideliscollege74@gmail.com), [stfidelislko@yahoo.co.in](mailto:stfidelislko@yahoo.co.in)

Website: <https://www.stfideliscollege.com/>

School Code: UP055 UDISE Code: 09270906106

# HOLIDAY HOMEWORK (CLASS VIII)

### 1. ENGLISH:

- "School days are the happiest days of our lives." Express your views either for or against this statement.
- Write about a time when you were late for an important function. What lesson on punctuality did you learn?
- Draft an advertisement for an upcoming charity event to raise funds for a local cause.

### 2. हिन्दी:

- 'कम्प्यूटर आज की आवश्यकता' विषय पर निबन्ध लिखिए। (समस्त कार्य हिन्दी-व्याकरण की कॉपी में करें)

#### हिन्दी-साहित्य

- प्रतिदिन एक पेज सुलेख लिखिए। (सुलेख की कॉपी में लिखें)

#### संस्कृत

- धातु-रूप- 'लिख्' धातु लृटलकार। शब्द-रूप- 'इदम्' पुल्लिङ्ग शब्द। (संस्कृत की कॉपी में लिखिए और याद करके बिना देखे लिखने का अभ्यास कीजिए)

### 3. PHYSICS:

- Draw a flow chart to list different forms of energy (refer pg 70)
- Write the energy conversions in the following devices:
  - Electric motor
  - Electric iron
  - Generator
  - Electric heater
  - Geyser
  - Microphone
  - Photosynthesis
  - Loudspeaker
  - Lighted candle
  - Electric bell
  - Solar cell
  - Wind turbine
  - LPG
- Stating the law of conservation of energy, explain how total mechanical energy is conserved in a pendulum and in a roller coaster.

**NOTE: Holiday homework is to be done in physics notebook.**

### 4. CHEMISTRY PROJECT: "The Periodic Table"

#### Instructions:

Students must prepare a handwritten project file including:

- Cover Page
- Assessment Sheet

- Acknowledgement
- Index
- Content (15 pages)
- Conclusion
- Bibliography

## **5. MATHEMATICS**

- Chapters – 3 & 4
- Square Roots and Cube Roots
- Students are instructed to complete all questions of Exercise 3.1, 3.2 and Exercise 4.1, 4.2 in their Class Work Notebook neatly and systematically.
- Submission Date 4th July 2026.

## **6. BIOLOGY**

- Observation Based Activities
- Make a food chart of everything you eat in one week and classify it into:
  - Energy-giving food
  - Body-building food
  - Protective food
- Draw this chart in your biology note book

## **7. HISTORY AND CIVICS**

- Swami Vivekananda His Life and Contribution to the Society
- Note: Refer to your text book (page numbers 101 & 102) for information on the given topic.
- Write Maximum 5 pages.
- Do it in your History and Civics Note Book only.
- Add decorative borders.
- Stick pictures to make the project visually appealing.
- Ensure each page is written neatly.

## **8. GEOGRAPHY**

- On a political Map of the world mark and label any 5 Donor and 5 receiver countries.
- Write any 5 negative and 5 positive impact of Brain Drain from a developing country.
- On a political map of India mark and label all states and Union territories along with their Capitals.

## **9. COMPUTER**

- Prepare a creative presentation, video, chart, scrapbook, or any other activity on “The Most Loved Person of your Life” — someone you admire deeply and never want to lose. Make the project creative, meaningful, and presentable.

## **10. ROBOTICS**

- Artificial intelligence (AI) allows a robot to learn from its environment without being explicitly programmed. Express your thoughts in detail.
- Imagine a humanoid robot lives with you at home. Describe three daily tasks it could help you with and how it might impact your daily routine.
- Develop a basic game or simulation using Scratch. Ensure the game has character acting like a robot, a clear scoring system, and user interaction (e.g., controlling a "rover" to collect items).