PM SHRI K.V. MUZAFFARNAGAR [SHIFT 2]
SUMMER VACATIONS HOMEWORK (2026-27)

CLASS - 8 SUBJECT : COMPUTER

1. Do all the work on A4 Size Chart Paper (White color) and keep in a transparent folder.
2. First page of file should contain- name of school- KVS MZN, Shift-2, Title - Summer Holiday Homework (2026-27), Subject - Computer

Submitted to :
Mr. Ajay Kr. Goel
(Computer Instructor)

Submitted by:
Name of Student: .....
Class : ..... Section: ..... Roll No.:.....

ASSIGNMENTS

Q.A What is Computer Networking.

Q.B Draw or Paste a picture of Computer Network.

Q.C What are Advantages of Networking?

Q.D What are disadvantages of Networking?

Q.E What is differences between Internet and Intranet?

Q.F Describe What is I.P. Address with example.

==========

SUBJECT - HINDI

कक्षा 8

कविता पोस्टर: अपनी पसंदीदा कविता (मल्हार से) को एक चार्ट पेपर पर सुंदर लिखावट में लिखें और उससे संबंधित चित्र बनाएँ।

शब्द-कोश निर्माण: पुस्तक के प्रत्येक पाठ से 5 कठिन शब्द चुनकर उनके अर्थ लिखें और उनसे वाक्य बनाएँ। इसे एक छोटी हस्तनिर्मित डिक्शनरी का रूप दें।

पक्षियों की देखभाल: इस गर्मी में अपने घर की बालकनी या छत पर पक्षियों के लिए पानी और दाना रखें। इस अनुभव को 100 शब्दों में साझा करें कि आपको कैसा महसूस हुआ।

निर्देश:

कार्य साफ और स्पष्ट लिखावट में होना चाहिए।

चित्रों और रंगों का प्रयोग कार्य को आकर्षक बनाने के लिए करें।

सभी कार्य एक फोल्डर या फाइल में जमा करें।

PM SHRI K.V. MUZAFFARNAGAR [SHIFT 2]
SUMMER VACATIONS HOMEWORK (2026-27)

SUBJECT – YOGA

1.Write about yoga

Write 5-6 lines on :

- What is yoga.
- Improvements of yoga in daily life.
- Benefits of yoga for students.

2.Draw and explain any five yoga asanas:

Paste or draw pictures and write:

- Steps to do the asanas-
- Benefits of the asans-

Suggested asanas:

- Tadasana
- Vrikshasana
- Bhujangasana
- Paschimotasana
- Halasana

PM SHRI K.V. MUZAFFARNAGAR [SHIFT 2]
SUMMER VACATIONS HOMEWORK (2026-27)

3. Daily yoga practice chart.

Make a table and record your practice for 10 days.

Day.	Yoga practice.	Time
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

4. Write about paranayam.

- Anulom vilom
- Kapalbhati

5. Yoga slogans.

- " Yoga for healthy life".
- "Yoga brings peace".
- "Daily yoga,daily energy".

6.conclusion.

- Write 8-10 lines on how yoga helps maintain physical and mental health.

PM SHRI K.V. MUZAFFARNAGAR [SHIFT 2]

SUMMER VACATIONS HOMEWORK (2026-27)

CLASS VIII SOCIAL SCIENCE

Instructions: Complete Each Activity in Activity Book

1. Skill Based :

i)Do map of lesson "From Trade to Territory" Expansion of British territorial power in India?

ii) Make a bag, wall hanging or doll from waste products like empty bottles, old cloth and plastic covers, which they can source from their homes. (Model)

iii) Make a list of 20 democratic countries and find out which of them are republics?

2.Completion of syllabus:

Complete the notes and exercise of lessons How, When and Where, Resources, Indian Constitution and From Trade to Territory (Do in Notebook)

4.Subject Enrichment:

PM SHRI K.V. MUZAFFARNAGAR [SHIFT 2]
SUMMER VACATIONS HOMEWORK (2026-27)

i) Interview your mother or another member of your family to find out their life now divide their life into different periods and list out the significant events in each period explain the basis of your periodisation?

ii) Research on the influence of the trading companies in your state. For example, collect information and the pictures of monuments, buildings, dams and bridges built by the these companies? iii) Make a poster or Collage on 'Fundamental Rights and duties'?

iv) Make a poster on 'Conservation of Resources'. Poster can depict problems of resource depletion, use of alternate resources and any innovative methods.

WORKSHEET

1.Explain the meaning of Resource.

2. Explain the importance of Human resource.

3. Explain the need of sustainable development.

4.(i)Which one of the following is a human-made resource?

(a) medicines to treat cancer

(b) spring water

(c) tropical forests

(ii) Complete the statement. Biotic resources are

(a) Derived from living beings.

(b) Made by human beings.

(c) Merived from non-living things.

Q5. Why do people of Nepal want a new constitution?

Q6 Discuss the role of the members of the Indian Constituent Assembly in forming the Constitution of India?

Q7 How many members were in the Constituent Assembly of India? When did they frame the Constitution of India?

Q8 i)The British thought surveys were important for _____. ii)The National Archives of India came up in the _____.

PM SHRI K.V. MUZAFFARNAGAR [SHIFT 2]
SUMMER VACATIONS HOMEWORK (2026-27)

Q9 Why were survey carried out?

Q.10 Why are most of the records unreliable Q.11.What are

other sources of describing histories?

Q12. Match the following:

i) Type of Sultan (a)Kitoor (ii)

Dalhousie (b) Punjab iii) Rani

Channamma (c) Mysore iv) Maharaja

Ranjit Singh (d) Doctrine of lapse

v) Tipu Sultan was killed in (e) Battle of Plassey vi)

Sirajuddaulah lost (f) Battle of Seringapatam

Q13.What was the problem with the pundits and Qazis in interpreting local laws? How was it solved?

Q14.. How did trade lead to battle of Plassey?

Q15.What was the result of the competition between the trading companies from different European countries?

PM SHRI K.V. MUZAFFARNAGAR [SHIFT 2]
SUMMER VACATIONS HOMEWORK (2026-27)

Class-8 Subject=Mathematics

Instructions for Submission:

- Use Homework notes for solving and don't write solutions from the google/internet.
- Submission Date: First day after summer vacation.
- All work must be handwritten.
- Marks will be awarded for neatness, completeness, and creativity.

✏ Section A: Basic Practice

a) Find the squares of the following numbers: 17, 23, 35, 48, 59
b) Find the square roots of: 144, 225, 400, 729, 1024
c)Find cubes of: 12, 15, 20, 25
d) Find cube roots of: 64, 125, 216, 512

✏ Section B: Power Play

1. Laws of Exponents
   a) Simplify: $2^3 \times 2^5$
   $5^6 \div 5^2$
   $(3^2)^5$
   $3^6 \times 7^6$
   b) Write in exponential form: 64 × 64 × 64
   7 × 7 × 7 × 7
   c) Express using powers: 1000
   100000

2. Word Problems

a) A square field has side 25 m. Find its area.
b) A cube has side 7 cm. Find its volume.
c) Simplify using laws of exponents: $3^4 \times 3^2 \div 3^5$

Section C: Activity Work

Activity 1: Square Patterns
Draw a table of numbers from 1 to 20 and their squares.
Observe patterns in unit digits.

Activity 2: Cube Model(MDP)
Make a cube using cardboard.
Label its edges and calculate its volume.

PM SHRI K.V. MUZAFFARNAGAR [SHIFT 2]
SUMMER VACATIONS HOMEWORK (2026-27)

SUMMER VACATION HOLIDAY HOMEWORK
CLASS – 8th
SUBJECT – SCIENCE

Chapters Covered:

1. Exploring the Investigative World of Science
2. The Invisible Living World: Beyond Our Naked Eyes
3. Health – The Ultimate Treasure
4. Exploring the Investigative World of Science • Prepare a list of 5 scientific discoveries with scientist names.
   • Write any 5 applications of science in daily life.
   • Make a simple working model or chart on any scientific concept.
5. The Invisible Living World: Beyond Our Naked Eyes • Draw and label diagrams of bacteria, virus and fungi.
   • Write short notes on useful and harmful microorganisms.
   • Collect pictures related to microorganisms and paste them in your notebook.
6. Health – The Ultimate Treasure • Prepare a balanced diet chart for one week.
   • Write 5 healthy habits for a healthy lifestyle.
   • Make a poster on "Health and Hygiene".
7. National Children's Science Congress (NCSC) Prepare a project file on any one topic: • Water Conservation
   • Waste Management
   • Air Pollution
   • Healthy Environment

Include: • Aim
• Observation
• Survey
• Conclusion
• Pictures

5. INSPIRE Award Write one innovative idea mentioning: • Problem
   • Solution
   • Materials Required
   • Benefits

Examples: • Smart Water Saver
• Automatic Dustbin
• Solar Study Lamp

Instructions: • NCSC project is not compulsory.

Complete all work neatly.
• Use coloured diagrams and charts.
• Submit the homework after summer vacation.

PM SHRI K.V. MUZAFFARNAGAR [SHIFT 2]
SUMMER VACATIONS HOMEWORK (2026-27)

Class 8: English ((10 Days Holiday Homework)

Day 1: Reading Comprehension:
Read chapters of UNIT 2 and write its theme and central idea in your notebook.
Skills: Comprehension.

Day 2: Grammar Practice:
Revise Tenses
Competency: Tense accuracy in writing.

Day 3: Creative Writing:
Write a short story beginning with
"I woke up and everything had changed…"
Skills: Imagination and narrative development.

Day 4: Vocabulary Building:
List 10 new words along with the given words meaning from Lessons of UNIT 2 and write their meanings.
Skills: Vocabulary enrichment and comprehension.

Day 5: Grammar Practice:
Complete exercises of UNIT 3 in textbook.

Day 6: Article Writing:
Write an article on "The importance of spending time with family."
Skills: Article structure and thought development.

Day 7: Reading Comprehension:
Choose a newspaper article and write what do you learn from it.
Competency: Critical thinking.

Day 8: Poetry Practice:
Read a poem from your textbook/outside textbook(your choice) and write its central idea and theme.
Skills: Poetic analysis.

Day 9: Speaking Activity:
Record a 2 minute video discussing your autumn break experience.
Skills: Fluency, confidence in speaking.

Day 10 :
Write 30 verb form of your choice on a A-4 SIZE SHEET/in copy draw lines in between the verb forms and do it neatly. Example

V1	V2	V3
be	was/were	been
have	had	had
Do	did	done
go	Went	gone

PM SHRI K.V. MUZAFFARNAGAR [SHIFT 2]

SUMMER VACATIONS HOMEWORK (2026-27)

केन्द्रीय विद्यालय संगठन
तत त्वं पूषन अपावृणु



CLASS VIII

MDP



TODAY'S DATE
24 APRIL 2026

TERM 1

SESSION
2026–27

TOPIC: SUSTAINABLE ENERGY – POWERING OUR FUTURE

WHAT YOU HAVE TO DO (BLUEPRINT)

Prepare a project file (A4 sheets) in the following order:

1. **COVER PAGE**
   - Topic name
   - Student's Name
   - Class, Section, Roll No.
2. **INTRODUCTION (5–6 LINES)**
   - What is energy?
   - Why is sustainable energy important?
   - Why should we save energy?
   - Add one real-life example
3. **SCIENCE**
   - Conventional vs. Renewable energy sources
   - Types of renewable energy (solar, wind, hydro, biomass, geothermal, tidal)
   - Advantages of renewable energy
4. **SST**
   - Energy consumption in India and the world
   - Role of government and initiatives
   - Case study (e.g., International Solar Alliance)
   - Compare renewable vs non-renewable energy usage in India
5. **ENGLISH**
   - Paragraph (100–120 words) on "Sustainable Energy"
   - 3 catchy slogans
6. **HINDI** क
   - ऊर्जा संरक्षण पर 5–6 वाक्य लिखिए।
   - नवीकरणीय ऊर्जा के लाभ पर अपने विचार लिखिए।
7. **SANSKRIT** ॐ
   - ऊर्जा संरक्षण पर 3–5 वाक्य संस्कृत में लिखिए।
8. **MATHS**
   - Collect data on electricity consumption at home/school
   - Represent it using bar graph or pie chart (optional)
   - Calculate percentage of energy saved
9. **ART**
   - Draw/Colour a poster on "Clean Energy, Green Future"
10. **VOCATIONAL SKILLS**
    - Make a working model of a solar oven / solar car / windmill (any one)
11. **PHYSICAL EDUCATION**
    - 5 lines on how energy conservation helps in healthy living
    - 2–3 physical activities that save energy
12. **AI (ARTIFICIAL INTELLIGENCE)**
    - Write 2–3 points on how AI can help in energy efficiency (e.g., smart grids, energy monitoring apps)
13. **LIBRARY**
    - Name of one book/article on sustainable energy
    - 4–5 lines summary
14. **MUSIC**
    - Write or learn a short song/rap on "Save Energy"
15. **LIFE SKILLS / HOME ACTIVITY**
    - Write 5 ways you save electricity at home
16. **CONCLUSION (4–5 LINES)**
    - What did you learn from this project?
    - How will you apply it in daily life?
    - Suggest one solution for your city

★ **FINAL PAGE (COMPULSORY):**
"My Energy Smart City Plan" (diagram + 5 lines)



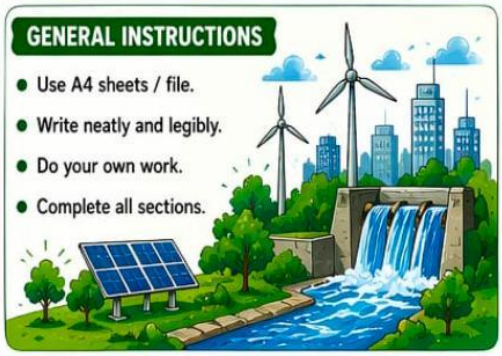
PRESENTATION INSTRUCTIONS

- ★ Make your project colourful and creative.
- ★ Use sketch pens, crayons, colourful sheets and pictures.
- ★ Add borders, headings, diagrams and illustrations.
- ★ Make it neat, attractive and well-organised.



GENERAL INSTRUCTIONS

- Use A4 sheets / file.
- Write neatly and legibly.
- Do your own work.
- Complete all sections.



MARKS DISTRIBUTION (20 MARKS)

CONTENT 5 MARKS	CREATIVITY 5 MARKS
PRESENTATION / NEATNESS 5 MARKS	ACTIVITY / COMPLETENESS 5 MARKS

IMPORTANT

- ✗ Incomplete work will not be accepted.
- SUBMIT BEFORE **30 JUNE 2026**



BENEFITS OF SUSTAINABLE ENERGY



TYPES OF RENEWABLE ENERGY



PM SHRI K.V. MUZAFFARNAGAR [SHIFT 2]
SUMMER VACATIONS HOMEWORK (2026-27)

कक्षा: 8 | विषय: संस्कृत (पाठ्यपुस्तक: दीपकम्)

पाठ का विवरण

पाठ: संगच्छध्वं संवदध्वं

यह पाठ ऋग्वेद के अंतिम सूक्त 'संगठन सूक्त' से लिया गया है। यह हमें साथ मिलकर चलने और एक समान विचारधारा रखने की प्रेरणा देता है।

संगच्छध्वं संवदध्वं सं वो मनांसि जानताम्।
देवा भागं यथा पूर्वे संजानाना उपासते॥

अर्थ: तुम सब साथ चलो, साथ बोलो और तुम्हारे मन एक समान हों। जिस प्रकार प्राचीन काल में देवता अपने-अपने हिस्से को जानते हुए प्रेमपूर्वक ग्रहण करते थे, वैसे ही तुम भी एकता बनाए रखो।

1. लेखन कार्य (Written Work)

- **श्लोक लेखन:** 'संगच्छध्वं संवदध्वं' श्लोक को सुंदर अक्षरों में अपनी कॉपी में लिखें।
- **शब्दार्थ तालिका:** पाठ में आए कठिन शब्दों (जैसे: संजानीताम्, उपासते, संवदध्वं) के अर्थ लिखें।
- **प्रश्न-उत्तर:** अपनी पाठ्यपुस्तक के अभ्यास प्रश्नों को हल करें।

2. रचनात्मक परियोजना (Creative Project)

- **चार्ट पेपर कार्य:** "एकता में बल है" विषय पर एक सुंदर चित्र बनाएँ और उस पर श्लोक लिखें।
- **अनुच्छेद लेखन:** मिल-जुलकर रहने के महत्व पर हिंदी में 10-15 पंक्तियाँ लिखें।

3. कंठस्थीकरण (Memorization)

- पाठ के श्लोक को सस्वर और शुद्ध उच्चारण के साथ याद करें।