

DAYANAND MODEL SCHOOL
HOLIDAY HOMEWORK
CLASS VIII 2025-26

Science

1. Make a model or chart on any one topic:
 - a) Cell structure
 - b) Crop production and management
2. Write an investigative report on "Water Conservation Methods in My Locality" (300 words).
3. Solve the NCERT exercise questions from Chapters 1 to 3 in a separate notebook.
4. Prepare a project report on "Biodiversity and Ecological Importance of Pondicherry and Sikkim" (4–5 pages). You may include topics such as:
 - a) Unique flora and fauna of Sikkim
 - b) Conservation efforts in Sikkim
 - c) Sikkim as India's first organic state

Social Science

A. 'Models' are familiar objects to represent unfamiliar things. Models can help you visualise, or picture in your mind. Similarly, Social Science models help you communicate your ideas, evaluate theory, build theory and enhances conjectures.

On the basis of above information prepare any 1 model (working or nonworking) on any of the topic given below.

- Rainwater Harvesting - Natural Disasters - Methods of Irrigation - Global Warming and Greenhouse effect - Dams - Solar Energy & Use of Solar Panels

B. 'Projects' are important for developing analytical skills, problem solving abilities and to develop team work and creative thinking.

Prepare a Project File on any 1 of the following topics given below:

- Social issues - National Movements - Sustainable Development -
Resources and its types

NOTE: The project must contain 15 pages, including the following pages mentioned below.

a) Introduction b) Index
c) Certificate d) Acknowledgement e) Conclusion f) Bibliography

C. Design a Preamble for your school abiding to all the rights and duties of all students in school. You can also refer preamble of 'Constitution of India'. - Learning Outcomes (Understanding, Creativity, Thinking, Application, Analysis)

D. Revise the syllabus done till now in a thin notebook.

Art Integrated Project - Prepare a report on Industry & Industrial Infrastructure of :
Sikkim (R. No.-1 to 14) & Pondicherry (R. No. 15 onwards)

Following are the guidelines for the project:-

1. The project report can be handwritten and credit will be awarded to original drawings, illustrations and creative use of materials.
2. The handwritten brochure will be presented neatly on A-3 sized sheets.

English

A) Honeydew- Read and revise

L-1 THE BEST CHRISTMAS PRESENT IN THE WORLD

L-2 TSUNAMI

Poem –THE ANT AND THE CRICKET

It So Happened-

L-1 HOW THE CAMEL GOT HIS HUMP

L-2 CHILDREN AT WORK

- Write the summary of above lessons and poem on A-4 size sheet (120–150 words each).

B. You are Priya/Parth, the Secretary of the Sports Club of your school. Write a notice informing students about the 'Yoga Session' being held on 21st June 2024 to celebrate International Yoga Day. Mention time and venue.

C. You are Isha/Ishaan, a student of Class VIII, ABC Public School. Write a notice about a school picnic being planned to a nearby historical place. Mention date, amount to be paid, and who to contact for more details.

D. Write an article on "The Role of Sports in a Student's Life" and "Online Classes: Boon or Bane?"

E. Maintain a diary & read newspaper daily.

- Write down 10 new English words weekly along with meanings (in English).
- Minimum 40 words in total with neat handwriting.
- Highlight at least 5 words used in context related to either Sikkim or Puducherry (e.g., "monastery", "coastal", "heritage", etc.).

F. Prepare a project file according to Roll No.

Roll Numbers	Topic
1 – 11	TENSES
12 – 21	PREPOSITIONS
22 – 32	ADJECTIVES

G. Art-Integrated English Project

- Theme: "Discovering the Culture of Sikkim and Puducherry through English"
- This project will help you learn about two unique Union Territories of India using English and Art together!

- Do it neatly on A-4 sheets and put it in a separate file.

Roll Number-Wise Topic:

Roll No. 1 to 15 → Puducherry

Roll No. 16 to 30 → Sikkim

Steps:

1. Cover Page

Title: Discovering the Culture of Puducherry/Sikkim

Your Name, Class, Section, Roll No.

Draw a flag or art design (like Kolam or Thangka)

2. Introduction

Location ,Language, Clothes, Festivals (Add small pictures)

3.Folk Story or Poem

Choose a short story, poem, or saying, explain its meaning ,add drawing

4. Art Form

Name one art form (e.g., Kolam, Thangka),write where it is used,draw or paste a picture of it

5. Conclusion

What did you learn?,Why is culture important?

Hindi

”पढ़ो, सीखो और अपने सपनों को साकार करो!”

1. रचनात्मक कार्य:-

- पुस्तक में से कोई एक कविता चुनकर सुंदर लेखन में लिखिए और चित्र भी बनाइए।(A4 sheet)

- कक्षा में करवाए गए प्रश्न उत्तर व अभ्यास कार्य याद कीजिए ।

2. व्याकरण अभ्यास :-

- कक्षा में करवाया गया कार्य याद करिए।
- भाषा और भाषा के भेद परिभाषा उदाहरण सहित लिखिए तथा 22 मान्यता प्राप्त भाषाओं में से कोई 7 भाषाओं की बोली लिखिए और उन सभी राज्यों की वेशभूषा और प्रमुख व्यंजन (खाने) का नाम लिखिए और चित्र भी चिपकाइए। (हिंदी कॉपी में)

- हिंदी वर्णमाला (वर्ग सहित) लिखिए व याद कीजिए। संयुक्त अक्षर , संयुक्त व्यंजन और द्वित्व व्यंजन के 10- 10 शब्द लिखिए। (A4 शीट पर)

3. परियोजना कार्य (Project Work):-

- सिक्किम के मुख्य निर्मित उत्पादों के प्रयोग व प्रसार के लिए आर्कषक विज्ञापन पत्रावली बनाइए। (Brochure) जिसमें वहाँ के कोई 5 दर्शनीय स्थल, पहनावा, सांस्कृतिक कार्यक्रम, बोली, लोकगीत खानपान के चित्र चिपकाएँ। (आप क्ले से भी बना सकते हैं।)
- आपको कौन सी ऋतु पसंद उससे संबंधित 10 पंक्तियों की कविता लिखिए और चित्र भी चिपकाइए। (A4 शीट पर)
- नैतिक मूल्यों पर आधारित कहानियाँ पढ़िए। (पंचतंत्र , नंदन , अकबर बीरबल , तेनाली रामन आदि)

Sanskrit

संस्कृत ग्रीष्मावकाश गृह कार्य

1. कोई भी पाँच ज्ञानवर्द्धक श्लोक चार्ट पेपर पर लिखिए।
2. धातु रूप- वद्, धाव्, गम् धातु लिखिए । (पाँचो लकारों में)
3. शब्द रूप - वृक्ष, पितृ, अस्मद्, युष्मद् शब्द रूप लिखिए।
4. कक्षा में करवाया गया कार्य याद कीजिए।
5. प्रतिदिन दस संस्कृत शब्द लिखिए।
6. अनुवाद कीजिए -
 1. हम सब खेलते हैं।
 2. तुम सब पढ़ो।
 3. मैं जाता हूँ ।
 4. तुम सब नाच रहे हो।
 5. हम सब को पढ़ना चाहिए।

दिया गया कार्य अलग कॉपी में करना है ।

7. रोल नं.1 से 15 तक सिक्किम राज्य की और 16 से अंतिम छात्र तक पुडुचेरी राज्य की वेशभूषा , खान पान, संस्कृति के बारे में एक प्रोजेक्ट फ़ाइल चित्र सहित बनाएं।

Mathematics

Prepare a project on Sikkim/ Pondicherry.

Title page (topic of the project)

Cover page (essence of the project)

Table of content (Index)

Introduction of the Topic History (When, how & by whom it was discovered)

Explanation of the Topic

Mathematical Presentation of the Project using Bar Graph/Double Bar graph, Histogram & Pie Chart

Project includes following topics:

Food, Culture, Climate, Population, Religion, Agriculture & Occupation, etc.

Do all questions of chapter 1, 2 & 3 in a separate notebook.

Do following activities in A4 size sheet:

Activity 1: Fold a paper 8 times in any way. Unfold and locate various convex and concave polygons.

Activity 2: To verify that the sum of interior angles of a quadrilateral is 360° by paper cutting and pasting.

Activity 3: To verify that the sum of measures of the exterior angles of any polygon is 360° by paper cutting and pasting.

(Note: Verify the result for a triangle, quadrilateral, pentagon and hexagon)

Activity 4: To make the following by paper folding and cutting

- a. a kite
- b. a rhombus

Activity 5: To verify that

- i) diagonals of a rectangle are of equal length
- ii) diagonals of a square are of equal length
- iii) Investigate the results for a rhombus and a parallelogram, using stretched threads.

Computer Science

1. Make a Chart on one of the following topic according to your roll number:

Roll no.	Topic
1-8	Bus Topology
9-17	Ring Topology
18-26	Tree Topology
27- last	Mesh Topology

On an A-3 size coloured sheet make a collage on the famous places of Pondicherry and Sikkim

2. Art Integrated Project (Use any app like Canva, Sway etc):

Roll no. 1 to 20- Make a Travelogue for the 'Best Tourist Places in Pondicherry' and share your file on bhartidms82@gmail.com

Roll no. 21 onward- Make a Travelogue for the 'Best Tourist Places in Sikkim' and share your file on bhartidms82@gmail.com

Music

Folk music and dance form of Sikkim

Roll No 1 to 15

Folk music and dance of Pondicherry

Roll No 16 to last Roll No