

**SONA MODERN PUBLIC SCHOOL
SUMMER HOLIDAY HOMEWORK (2025-26)**

CLASS – IX

Fun “n” Summer

As the school closes for a long summer break from 19.05.2025 to 30.06.2025 which is the most enviable part of school life. It provides time for rest and leisure. Every child enjoys the holidays in laze around, eat, play visits and to revive the things. But duties must not be forgotten. So balance should be maintained between recreation and work. We have planned some activities and work to enhance his/her learning skill in a fun filled way. We have tried to make the work enjoyable. Help your child to do the work. All the holiday homework should be done as per instruction

- ❖ All the given works will be done in the A-4 size sheet and put in the folder made by you with eco-friendly material.
- ❖ The practice work will be done in the copy.
- ❖ Every work should be decorative.
- ❖ At the end write the activity which you like most and why.
- ❖ Students must ensure that the work should be done efficiently as the work will be marked and marks will be added in the result.
- ❖ All children have to learn and complete the work in the holidays and submit it on the due date after the school reopen.
- ❖ **The school will reopen on 01.07.2025**

ENGLISH

- 1) Watch English news daily in order to equip yourself with the information and facts to be used in as content writing skills.
- 2) Create your own hand made diary in which you will write daily about one of your virtuous act which you will do, like – helping your mother, helping physically disabled people or under privileged. (80-100words)
- 3) Be a poet. now compose a short poem of your choice using your own creativity and imagination. Write it in A4 size sheet.
- 4) Given below is a list of literary devices. Select three poem from the syllabus and highlight the presence of listed literary devices while explaining the literary devices.

a) Simile	e) Metaphor	h) Personification
b) Irony	f) Repetition	i) Hyperbole
c) Allusion	g) Apostrophe	j) Paradox
d) Onomatopoeia		

Note : Do Q 2,3 and 4 in separate folder

- 5) **PORTFOLIO:**
PREPARE A PORTFOLIO WITH THE FOLLOWING (Prepare a file with A4 size sheets)

a) Introduction	e) My strengths
b) I need to improve on...	f) My achievements
c) I have participated in...	g) The books I have read.
d) The book I wish to read.	
- 6) Create a story with a moral and do it as a comic strip. Make separate folder for portfolio
Complete all notes covered so far. Revise all chapters taught. Focus on exam English worksheet book. Complete all the chapters worksheet of Beehive, Moments & Grammar taught so far.

ART INTEGRATED ACTIVITY

(Language and Literature of Lakshadweep and Andaman and Nicobar Islands)

ACTIVITIES FOR SECTION A , B and C

- Write biography of any two famous authors of Lakshadweep or Andaman and Nicobar Islands along with their pictures. (Roll no 1 to 7)
- Make a brochure on different languages spoken in Lakshadweep or Andaman and Nicobar Islands with pictures. (Roll no 8 to 14)
- Make a Project on language and literature of lakshadweep or Andaman and Nicobar Islands. (Roll no 15 to 21)

- Make a photo album on the language and literature of lakshadweep or Andaman and Nicobar Islands showing the traditional books, scriptures, scripts and alphabets.(Roll no 22 to 28)
- Make a presentation of different languages spoken in Lakshadweep or Andaman and Nicobar Islands. (Roll no 29 to 35)
- Make a project on Lakshadweep language alphabets and pronunciation. (Roll no 36 to 42)
- Write any two folktales of lakshadweep or Andaman and Nicobar Islands with pictures.(Roll no 43 to 49 onwards)

ACTIVITIES FOR SECTION D,E and F

- Make a presentation on three interesting myths about lakshadweep or Andaman and Nicobar Islands. (Roll no 1 to 7)
- Make a project on mythological story of lakshadweep or Andaman and Nicobar Islands with pictures.(Roll no 8 to 14)
- Make a chart on lakshadweep or Andaman and Nicobar Islands alphabets (consonants and vowels) (Roll no 15 to 21)
- Write ten sentences in lakshadweep or Andaman and Nicobar Islands language (For example Hello ,How are you? My name is.... etc.) (Roll no 22 to 28)
- Write a report on language and literature of lakshadweep or Andaman and Nicobar Islands. (Roll no 29 to 35)
- Make a brochure on different languages spoken in lakshadweep or Andaman and Nicobar Islands with pictures. (Roll no 36 to 42)
- Write any two folktales of lakshadweep or Andaman and Nicobar Islands with pictures. (Roll no 43 to 49 onwards.)

Make separate folder for Art integrated activity.

Do activity according to your roll no. Art integrated activity is compulsory for all students.

हिंदी

पोर्टफोलियो

- 1) पृष्ठ- संख्या (1) छात्र की फोटो
- 2) पृष्ठ संख्या (2) छात्र की सूचना
 - a) छात्र / छात्रा का नाम :
 - b) छात्र / छात्रा की उम्र :
 - c) क्रम संख्या :
 - d) विद्यालय में प्रवेश तिथि :
 - e) लंबाई :
 - f) रक्त समूह :
 - g) जाति :
 - h) जन्म तिथि :
 - i) कक्षा व वर्ग :
 - j) विद्यालय का नाम :
 - k) विद्यालय में प्रवेश संख्या :
 - l) भार :
 - m) रंग :
 - n) आधार संख्या :
- 3) पृष्ठ संख्या पारिवारिक सूचना
 - a) माता का नाम:
 - b) संपर्क दूरभाष :
 - c) पिता की शैक्षिक योग्यता:
 - d) परिवार के सदस्यों की संख्या :
 - e) परिवार की मासिक आय :
 - f) माता की शैक्षिक योग्यता:
 - g) पिता का नाम:
 - h) संपर्क दूरभाष :
 - i) भाई-बहन की संख्या :
 - j) घर का पता :
- 4) पृष्ठ संख्या (4) छात्र / छात्रा के अपने जवाब
 - a) आपको किन चीजों से ज्यादा लगाव है ?
 - b) आपका प्रिय खेल कौन-सा है ?
 - c) आप भविष्य में क्या बनना चाहते हैं ?
 - d) आपको किस चीज़ से ज्यादा डर लगता है ?
 - e) आप अपने घनिष्ठ मित्र का नाम बताइये।
 - f) आपके क्या शौक हैं ?
 - g) अपने घर के किस सदस्य से ज्यादा प्यार करते हैं ?
 - h) आपके प्रिय शिक्षक/शिक्षिका कौन हैं ?
 - i) आपको किस बात पर जल्दी गुस्सा आता है ?
 - j) आपको अपने मित्र के कौन से गुण अच्छे लगते हैं ?
- 5) पृष्ठ संख्या (5) दिल्ली के मानचित्र पर अपने विद्यालय का चित्र प्रस्तुत कीजिए और अपने विद्यालय के विषय में एक अनुच्छेद लिखिए।

- 6) पृष्ठ संख्या (6) अपने आसपास मौजूद किसी गरीब आदमी के बारे में लिखें जिसने जीवन में बहुत संघर्ष किया हो। आप उसकी किस प्रकार सहायता कर सकते हैं?
- 7) पृष्ठ संख्या (7) आप अपने बारे में एक अनुच्छेद लिखिए।
- 8) पृष्ठ संख्या (8) 10 अनुस्वार और 10 अनुनासिक शब्दों का चित्रात्मक प्रस्तुति कीजिए।
छात्र / छात्रा के हस्ताक्षर :
शिक्षक/शिक्षिका के हस्ताक्षर :
धन्यवाद

SUBJECT: MATHEMATICS

- 1) Do revision of Ch.: 1 Number system and chapter , 6 Lines and angles from Mamta Batra book in Separate notebook
- 2) Learn and write Tables 2 to 20
- 3) Project Content

Part A: Lines and Angles

- 1) Definitions and Diagrams (A4 Sheet)
Define: Line, Line segment, Ray, Angle, Types of angles (acute, obtuse, right, etc.)
Types of pairs of angles: Adjacent, Linear pair, Vertically opposite, Complementary, Supplementary with diagram.
- 2) Real-Life Applications:
Use photos or drawings (e.g., intersections of roads, windows, scissors) showing different angles and lines. Measure and label angles using a protractor or estimation.
 - a. Activity:
 - b. Take a floor plan, photo of a building, or road intersection and identify:
 - c. Parallel lines
 - d. Intersecting lines
 - e. Transversals
 - f. Angle pairs formed

AIL

- **Create a comparison table for the following parameters using appropriate mathematical visuals:**

Parameter	Andaman & Nicobar	Lakshadweep
Average Rainfall (mm)		
Population Density		
Number of Islands		
Estimated Coastal Length		

- **Convert data into bar graphs or pie charts as appropriate.**

- 3) Complete maths lab manual activity number 1,2,9,

WORKSHEET

- 4) Find the 6 rational number between
 - i. $\frac{4}{5}$ and $\frac{2}{3}$
 - ii. $\frac{5}{7}$ and $\frac{2}{5}$
 - iii. $\frac{3}{5}$ and $\frac{3}{7}$
 - iv. 2 and 3
 - v. 1 and 2
- 5) Which of the following rational number are terminating and non terminating numbers
 - i. $\frac{3}{5}$
 - ii. $\frac{23}{7}$
 - iii. $\frac{24}{40}$
 - iv. $\frac{7}{20}$
 - v. $\frac{123}{125}$
- 6) Simplify the following
 - i. If $x = \frac{\sqrt{3}-\sqrt{2}}{\sqrt{3}+\sqrt{2}}$ and $y = \frac{\sqrt{3}+\sqrt{2}}{\sqrt{3}-\sqrt{2}}$, find the value of $x^2 + y^2 + xy$.
 - ii. If $x = \frac{2-\sqrt{5}}{2+\sqrt{5}}$ and $y = \frac{2+\sqrt{5}}{2-\sqrt{5}}$, find the value of $x^2 - y^2$

- iii. Determine rational numbers p and q if

$$\frac{7+\sqrt{5}}{7-\sqrt{5}} - \frac{7-\sqrt{5}}{7+\sqrt{5}} = p - 7\sqrt{5}q.$$

iv. $\frac{6}{2\sqrt{3}-\sqrt{6}} + \frac{\sqrt{6}}{\sqrt{3}+\sqrt{2}} - \frac{4\sqrt{3}}{\sqrt{6}-\sqrt{2}}.$

v. $\frac{3\sqrt{2}}{\sqrt{6}-\sqrt{3}} + \frac{2\sqrt{3}}{\sqrt{6}+2} - \frac{4\sqrt{3}}{\sqrt{6}-\sqrt{2}}.$

- 7) Find the square root of the following by prime factorization method:

i. 225

ii. 729

iii. 656

iv. 17424

v. 15876

- 8) Addition

i. 8ab, -5ab, 3ab, and -ab

ii. 3a-4b+4c, 2a+3b-8c, and a-6b+c

iii. +13qr-5rs, 8pq-12qr-23rs and 7pq+8qr+9rs

iv. $Xy^2+2xy=6y^2, 6x^2y^2-5xy-3yz$ and $-6x^2y-13xy-8y^2$

v. $X^3+4xy^2-3x^2y+8y^3, -2x^3+xy^2-2x^2y-7y^3,$ and $3x^3+9x^2y+5y^3$

Note:- Complete all the work in separate notebook,

SCIENCE

- Make a model on
 - Roll no. 1 to 10 – circulatory motion into translator motion.
 - Roll no. 11 to 20- Newton's law of motion.
 - Roll no. 21 to 30- Thomson model
 - Roll no. 31 to 41- model of oscillatory motion.
- Make four layer density tower using your favourite liquid / solid. Share your experience using photographs. How do you think the density of liquid will change if you increase their concentration? Form a hypothesis and design and experiment to investigate the research question.
- Make a beautiful chart on:-
 - Roll no. 1 to 10 - Muscular tissue
 - Roll no. 11 to 20 - Connective tissue.
 - Roll no. 21 to 30 – Animal tissue.
 - Roll no. 31 to 40 - Complex tissues in plants.
- Make a project on flora found in Andaman and Nicobar and fauna found in Lakshadweep.

SOCIAL SCIENCE

- Project Work On Disaster Management
 - Flood, (Roll no 1 to 10)
 - Drought (Roll No 11 to 20)
 - Earthquake (Roll No 21 to 30)
 - Industrial Accidents (Bhopal Gas Tragedy) (above 31)

Project should include:

- Name of the disasters, their consequences and management.
 - What steps should be taken in advance to face such situations.
 - How to create awareness and preparedness among the community.
 - It is to be noted here by all the students that the projects and models prepared should be made from eco-friendly products without incurring too much expenditure.
 - The Project Report can be handwritten or digital.
 - The Project work can culminate in the form of Power Point Presentation/albums/files/ /story. Students can include the success story of particular communities in managing the disasters like how coastal areas of Odisha dealing with giant cyclones almost every year.
- Prepare 20 objective (1 mark) questions each from these four chapters:
 - French Revolution (Roll no 1 to 10)
 - India Size and Location, (Roll no 11 to 20)

- c) What is Democracy, Why Democracy (Roll no 21 to 30)
- d) Story of Village Palampur (Roll no 30 onwards)
- 3) Draw and Label map of France from the chapter French Revolution (Page 9 of NCERT History book.)

Prepare map work from these chapters (Use separate maps)

I. India Size and Location

- a) The island groups of India lying in the Arabian sea and the Bay of Bengal,
- b) The countries constituting Indian Subcontinent,
- c) The states through which the Tropic of Cancer passes,
- d) The strait separating Sri Lanka from India,
- e) The place situated on the three seas.

II. Physical features of India:

Mountain Ranges: The Karakoram, The Vindhya Range, The Aravali, The Cardamon hills, The Indian desert, The western Ghats.

- 4) Revise and learn the questions and topics from the chapters completed till now.

ART INTEGRATED PROJECT

ART INTEGRATED ACTIVITIES ON Lakshadweep, Andaman and Nicobar Islands on following topics:-

- a) Tourism industry of Andaman & Nicobar Island (Project)(Roll no 1-10)
- b) Tourism industry of Lakshadweep Island (Project)(Roll no 11-20)
- c) Geographical Pattern of Andaman & Nicobar Island (PPT)(Roll no -21-30)
- d) Geographical Pattern of Lakshadweep Island (PPT)(Roll no -31-onwards)

COMPUTER

NOTE:-ALL PRINTOUTS PASTE IN A4 COLOUR SHEET AND PREPARE COMPUTER PROJECT FILE

Activity -1

- Create a Presentation on the topic “Communication”, which should include the following topic
 - Importance of communication
 - Types of communication
- Create a presentation on parts of speech and explain each topic.

Activity 2

- Create an MS Word document
 - Role of IT in different sectors (any 4)
 - Characteristics of Computer

Activity- 3

- In MS – Word, Create a Document on What is Communication Cycle? Write and Explain all the Components of Communication Cycle.

Activity -4

- Create a Presentation on the topic “Role of IT in EDUCATION SECTOR” in 200 words. Use all the Formatting Features like Bold, Font Style, Alignment....etc.

Art Integrated

Activity -4

- Create a Presentation on Tourism Sector of Andaman and Nicobar Island.

ART AND CRAFT

- 1) Object study , Draw any two still life/object drawing (Any Medium) (Roll no 1 to 10)
- 2) Draw any two Imaginative painting based on subject from life and nature (Water colour (Roll no 11 to 20)
- 3) Draw any two beautiful landscape (Any Medium) (Roll no 21 to 30)
- 4) Make a poster on a Terrorism. (Roll no 31 onwards)