

**RAMAKRISHNA SENIOR SECONDARY SCHOOL
SUMMER HOLIDAY HOMEWORK
CLASS IX (2024-25)**

Dear Parents

Greetings from the RKS

Fraternity!

The Academic Session 2024-25 has begun in full swing and students have settled well in their classes. Now is the time for Summer Break. The School will be closed for Summer Break . In order to keep our students well engaged, we are sending the **Summer Holiday Homework.**

General

Instructions:-

1. Revise the syllabus covered so far in the class to prepare for Periodic Tests, which will be held in the month of July.
2. Do all the work as specified by the subject teacher.
3. Submit your Holiday Homework in the first week of July as per the teacher's instructions.
4. The students must do their work neatly in their own handwriting. Marks of Internal

Assessment will be awarded only if the students do the work in their own handwriting

Summer Vacations are the most awaited holidays by the students. It is also a time to enjoy those little pleasures of life that get overlooked during the busy school routine. They get a positive bounce back when they rejoin school after this much-needed break. There are a few things that students can keep in mind to utilize this break fruitfully.

- Go for educational trips and excursions.
- Spend quality time with family and friends
- Pursue your hobbies and interests
- Sharpen your skills and develop new ones
- Follow a fitness regime to stay agile both mentally and physically
- Learn and explore new things
- Relax your body and mind because, „**A Healthy Mind Lives in a Healthy Body.**’

Have a delightful and productive Summer Break!

ENGLISH

1. Write an article (100-120 words) on any one of the topics .

1. Environmental issues

2. Technological developments

3. Women-centric issues

Paste pictures related to the topic.

2. Select 2 poems from the MCB Beehive book and highlight the importance of poetic devices.

Explain the poetic devices and give suitable examples .

Use the following devices

Simile

Metaphor

Personification

Alliteration

Repetition

Irony

Assonance

Anaphora

To be done in A4 size sheet.

3 Do 2 Discursive Passages 2 and 3 in the Vol 2

4. Revise PT1 syllabus

HINDI

ग्रीष्मावकाश गृहकार्य

कक्षा - IX

विषय -हिंदी

प्रश्न -1 * स्वयं के जीवन पर आधारित कोई एक अविस्मरणीय घटना(जिसे भुलाया न जा सके)को 250 से 300 शब्दों में कहानी लेखन में लिखकर दर्शाइए I(A4 साइज शीट पर)

प्रश्न -2 * पशु-पक्षी प्रेमी महादेवी वर्मा की कहानी गिल्लू से मिलती -जुलती कोई एक कहानी लिखकर दर्शाइए I(हिंदी पुस्तिका में)

प्रश्न -3 * प्रकृति पर आधारित एक कविता चित्र सहित बनाकर दर्शाइए I(हिंदी पुस्तिका में)

प्रश्न -4 * नैतिक शिक्षा पर आधारित कोई एक संवाद लेखन सुंदर लिखाई में लिखकर दर्शाइए I(हिंदी पुस्तिका में)

* अप्रैल व मई माह में करवाया गया PT-1 का संपूर्ण पाठ्यक्रम याद कीजिए I

* विशेष निर्देश -

विद्यार्थियों को उपरोक्त कार्य में से

प्रश्न -1 'अविस्मरणीय घटना ' A4 size की sheet पर करना है व प्रश्न -2,3 व 4 आपको अपनी हिंदी पुस्तिका में करने हैं I

MATHS

#Do the following activities in Mathematics Activity Notebook:

1) To verify the algebraic identity $(a+b+c)^2 = a^2+b^2+c^2+2ab+2bc+2ca$.

2) To obtain the mirror image of a given geometrical figure with respect to the x-axis and the y-axis.

#Do the following questions from 'Together with Mathematics' in CW/ HW Register:

1) Ch- 1 (Number System)

Assess yourself, QNo. 1 to 15, Page no 35, 36

2) Ch- 2 (Polynomials)

Practice Questions on page no - 54 (QNo. 1 to 7)

3) Ch- 10 (Heron's Formula)

More Practice Exercise (QNo. 1 to 14) on page 225,226.

#Revise PT-1 Syllabus:

Chapter - 1: Number System

Chapter - 2: Polynomials

Chapter - 10: Heron's Formula

#V Imp. Do practice questions from Question Bank that will be uploaded in Google classroom as it will help you to excel in the subject.

Prepare Mathematics model as allotted in class.

SCIENCE

Q.1:Revise PT -1 Syllabus

Chapters-1: Matter in our surroundings

Chapter-5: Fundamental unit of life

Chapter-7: Motion

Q2.Write the following experiments in your SCIENCE PRACTICAL FILE.

Experiment No. 1, 4, and 6 .

Q3.Make a model allotted to you in the class.

Q.4:Do a given assignment in your classwork notebook.

HHW Assignment

Q.1:We can get the smell of perfume sitting several metres away, why?

Q.2:Sponge is solid, yet we are able to compress it. Why?

Q.3:What produces more severe burns,boiling water or steam?

Q4.Convert the following:

i)270 K into C ii) 373 K into C iii) 27 C into K iv) 173 K into C

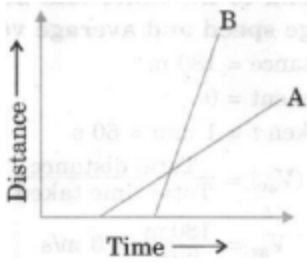
Q5.Clothes get dry faster in summers than in winters.give reason.

Q.6:A body starts from rest and moves with a uniform acceleration of 2 m /s^2 - until it travels a distance of 625 m. Find its velocity.

Q.7:A train accelerates from 36 km/h to 54 km/h in 10 sec.

(i) Acceleration (ii) The distance travelled by car.

Q.8: Figure shows distance-time graph of two objects A and B, which object is moving with greater speed when both are moving?



Q.9: Draw graph showing object moving with (a) constant velocity b) Uniform acceleration d) uniform speed .

Q10.If on a round trip you travel 16 km and then arrive back home,calculate your displacement after completing the trip.

Q.11:Explain how mitosis is different from meiosis .(any three point)

Q.12: Explain different types of plastids with their function.

Q.13 :Write one important function of the following:

Nucleus b) Golgi apparatus c) Ribosome d) Mitochondria

Q.14: How does osmosis differ from diffusion ? (2 points)

Q15: Which organelle is known as the powerhouse of the cell and why?

SOCIAL SCIENCE

- **Revise and learn PT 1 syllabus.**

History

- Read Chapter 2-Socialism in Europe and Russian Revolution
- Do the below mentioned questions in Social Science Register-

2023-2024 Edition

Pg-37: Q1

Pg-38: Q2,3,4,5,6,7

Pg-39: Q8,9,10,11,12

Pg-40: Q13

Pg-41: Q1,2,3,4

Pg-42: Q5

Q. Evolution and the significance of the Political Symbols associated with The French Revolution.

Explain the need for symbols during The French Revolution along with pictures and Impact of these symbols on common people. (To be done in Register)

Economics

- Read Chapter 2-People as Resource
- Do the below mentioned questions in Social Science Register-

2023-2024 Edition.

2024-25 Edition

Pg-336: Q1,2,3,4.

Pg343: Q3,7

Pg-337: Q5,6,7,8,9,10.

Pg344: Q10,11

Pg-338: Q11,12,14.

Pg348: Q1,3,4

Pg-339: Q1,2.

Pg 349: Q5,6,8,9,10

Pg-340: Q3,4,5,6,7.

Pg350: Q11,12,13

Pg-341: Q8.

Pg351

Q. Unemployment is a very serious issue not only in India but in the whole world. Analyze the statement and support your answer with the meaning, types, causes and solution related to the unemployment in India. (To be done in Register)

Political Science

- Do the below mentioned questions in Social Science Register-

2023-2024 Edition

Pg-243: Q1,2,3,5,6

Pg-244: Q7,8,9

Pg-245: Q1,2,3

Pg-246: Q4,5,6,7

Pg-247: Q8,9,10,11

Q. Under the leadership of Nelson Mandela, the struggle against Apartheid reached its climax. Write about Nelson Mandela by highlighting his achievements. (To be done in register)

Geography

- Read Chapter 2-Physical Features of India
- Do the below mentioned questions in Social Science Register-

2023-2024 Edition

2024-25 Edition

Pg-135: Q1,2

Pg-343- Q3,Q7

Pg-136: Q3,4,5,6,8.

Pg-344- Q10,11

Pg-137: Q1

Pg-348- 1,3,4

Pg-138: Q2,3,4,5.

Pg- 349- Q5,6,8,9 and 10

Pg-139: Q6,8,9.

Pg-350- Q11,12,13

Pg-140: Q10.

Pg-351-Q1,3,4,5,6,7,8

Q1. Mark the following on the political map of India, use separate maps for each topic.

a) Rivers- Ganga, Satluj, Krishna, Narmada, Tapi, Brahmaputra, Indus, Mahanadi.

b) Lakes- Chilika, Sambhar, Wular

c) Forests- Tropical Evergreen, tropical deciduous, montane forest, mangrove forests, thorn forest

d) Wildlife Reserves and national parks- Sariska, Periyar, Dachigam, Ranthambore, Gir, Kaziranga, Corbett, Dudhwa

Q2. Make a mind map on chapter- Physical Features of India (include all the relevant aspects covered in the chapter like mountains, deserts, plateaus, islands, coastal plains, etc). Make it on an A4 size sheet and paste it in the register.

Project Work:

Make a project on Disaster Management taking any one of the following topic:

1-Flood, 2- Drought,

3- Earthquake, 4- Industrial Accidents

The project file should consist of the following:

Cover page

Index

Introduction

Causes of disasters

Precautionary steps to be taken

Rescue and relief

Most affected areas

UNIT-2 SELF MANAGEMENT SKILLS

- Do Question Answers and MCQs as given in the class .
- Read Unit 2

UNIT-3 INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS

- Read Unit -3
- Do the below mentioned questions and back exercises in the Register

MCQs :

Pg-62, Pg-70

True or False :

Pg-71

Fill in the Blanks:

Pg-62, Pg-88

Ques-Ans :

Pg-63, Pg-71, Pg-89

Note :

- **Learn and Revise Unit-1, Unit-2 and Unit-3**
- **Work to be done in the register.**

ART AND CRAFT

Art work

1. Make two still life with pastel colors.(in sketch book)
2. Make Two Composition with pastel colors. (in sketch book)

Craft work

1. Make a beautiful photo frame and decorate it with handmade flowers.
2. Make a beautiful Lippan art on playwood size (8/10 inch) with use of shilpkar clay , mirrors and fabric Color..

SEWA PROJECT

Visit to an orphanage and prepare a project on it covering the following parameters-

“Title of Project file:Visit to an Orphanage.”

Points need to be included :

Title Page, Acknowledgement , Introduction ,Aim, Objective , Report, Activities and Bibliography.