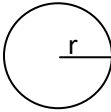




# YUGANTAR PUBLIC SCHOOL

## SUMMER VACATION HOME WORK ( 2023-24) CLASS - IX

S.NO	SUBJECT	TOPICS
1.	ENGLISH	<b>Dialectical Journal</b> 1. <b>Design your own newspaper.</b> It should have five sections. 1. Facts and figures of English language 2. Sports news 3. Quotes by famous poets with their names 4. Games and puzzle based on any parts of speech ex. snakes and ladders on Preposition 5. General Awareness in A3 size sheet (five pages) 2. Create your own diary in which you will write daily about one of your virtuous acts which you will do like helping your mother, helping physically disabled people or under privileged in your H.W notebook. 3. Read the chapter and learn the question answers of Unit-1 (The fun they had, The road not taken and The Lost Child)
2.	HINDI	1) हिन्दी शब्दकोश का निर्माण करें। प्रत्येक वर्ण से पाँच शब्द लिखकर उसके आगे संज्ञा, सर्वनाम, विशेषण और क्रिया पद भी अंकित करें। शब्दकोश को अपना नाम देकर उसे आकर्षक बनाने के लिए स्वेच्छानुसार सुसज्जित करें। (A4 रंगीन चार्ट का उपयोग करें) 2) अपने पाठ्यपुस्तक के किसी एक कवि और एक लेखक का जीवन परिचय निम्न बिन्दुओं पर लिखिए:—चित्र, जन्म, मृत्यु, शिक्षा, रचनाएँ (प्रोजेक्ट पेपर एवं फाइल में बनाए) 3) ग्रीष्मकालीन अवकाश में आपने अपनी छुट्टी कैसे बिताई उसे आप किन्हीं पाँच बिन्दुओं के रूप में अपनी कल्पना शक्ति से सचित्र वर्णन किजिए। जैसे—1) आपकी दिनचर्या 2) आपका गृहकार्य 3) मनोरंजन 4) अपने बुजुर्गों के प्रति जिम्मेदारी 5) अपने से छोटों के प्रति जिम्मेदारी 6) अपने पड़ोसी के प्रति जिम्मेदारी 7) अपने मोहल्ले के प्रति जिम्मेदारी 8) आपकी यात्रा 9) रचनात्मक सोच (Creative thinking) 10) आपकी रूचि (On full colorful chart paper)
3.	SANSKRIT	1. शब्दरूपाणि – अकारांत पुल्लिंग (देव), आकारांत स्त्रीलिंग (लता), अकारांत नपुंसकलिंग (फल), उकारांत पुल्लिंग (गुरु), ईकारांत स्त्रीलिंग (नदी) स्मरिष्यन्ति लेखिष्यन्ति च । सर्वनाम शब्दरूपाणि – अस्मद्, युष्मद्, किं त्रिषु लिंगेषु । स्मरिष्यन्ति लेखिष्यन्ति च । 2. धातुरूप – पठ्, कृ, गम्, दृश्, चल्, वद् पञ्च लकारेषु । स्मरिष्यन्ति लेखिष्यन्ति च । 3. संख्या – 1-100 स्मरिष्यन्ति लेखिष्यन्ति च । 4. संस्कृत भाषायां स्वपरिचयं लिखत । स्मरिष्यन्ति लेखिष्यन्ति च ।
4.	MATHS	1. Write various identities given in chapter 2 Polynomials and File it. 2. Rationalise the denominators of the following (a) $\frac{3}{\sqrt{5}}$ (b) $\frac{\sqrt{2}}{\sqrt{5}}$ (c) $\frac{(\sqrt{3}+1)}{\sqrt{2}}$ (d) $\frac{(\sqrt{2}+\sqrt{5})}{\sqrt{3}}$ (e)

		$\frac{3\sqrt{2}}{\sqrt{5}}$ <b>Factorise: (i) <math>x^2 + xy + 8x + 8y</math> (ii) <math>15xy - 6x + 5y - 2</math> (iii) <math>z - 7 + 7xy - xyz</math></b> <b>Factorise: (i) <math>a^2 + 8a + 16</math> (ii) <math>p^2 - 10p + 25</math> (iii) <math>a^4 + 2a^2b^2 + b^4</math></b>
5.	SO.SCI.	1. Make a hand written project on Natural Disaster .  <b>INSTRUCTIONS: Project should be in the form of hard copy and should contain 8 to 10 pages. It should be hand written. Make use of pictures .</b>  2. Write a paragraph about each state of India. (In separate 100 page copy)
6.	SCIENCE	<b>BIOLOGY-</b> Prepare a project on any one of the following topics- 1. Ozone layer and its depletion. 2. Global warming- causes and effects. 3. Acid rain- causes and effects. 4. Air pollution- causes and remedial measures 5. Biogeochemical cycle: Nitrogen cycle or Oxygen cycle or Carbon cycle. <b>INSTRUCTIONS: Project should be in the form of hard copy and should contain 8 to 10 pages. Make use of pictures or diagrams.</b>  <b>CHEMISTRY-</b> Learn and write names and symbols of first 20 elements in Chemistry copy.  <b>PHYSICS : Chapter - 8</b> 1. What do you mean by uniform motion ? Give 3 examples. 2. Write difference between distance and displacement. 3. Displacement is a vector or scalar quantity ? 4. Describe velocity. Write its SI unit. 5. Convert 72 km/h to m/s. 6. If an object cover half circle with radius r. Find the distance and displacement of the object.  7. What do you mean by body at a rest ? give 5 examples. 8. Write SI unit of acceleration.
7.	IT	Write an essay on the days you spend on summer vacation in ms word.(300-500 words)

Class Teacher

HOD

Principal