





**SAINIK SCHOOL AMBIKAPUR**  
**CHHATTISGARH**  
**SUMMER VACATION HOMEWORK (2024-25)**  
**Class- VIII**  
**Subject - English**

Class – VIII	Subject - English	Teachers - Prakash Tiwari, Sudhir Kumar, Ashish Tiwari
1.	Syllabus for PT-1	1. First two chapters from both textbooks. Formal letter, Grammar and Reading Comprehension.
2.	Revision Homework / Assignment	<p>"Dear cadets, we are thrilled to announce an exciting project! You'll be creating vlogs to explore the world of English in fun and engaging ways. Choose from book reviews, word of the week, creative writing challenges, and more(<b>S.no. 1 is compulsory. Any 5 of the remaining</b>)Let your creativity shine, and let's make learning English an adventure together!</p> <p>  #EnglishVlogProject #SSAP#Sainik School Ambikapur</p> <p>Once your English vlog is ready, please upload it to your Google Drive. Share the link with your respective teacher by sending it to their WhatsApp number. Let's showcase our fantastic English projects!  </p> <p style="text-align: right;"><b>Happy learning!" - Prakash, Sudhir and Ashish sir.</b></p> <ol style="list-style-type: none"> <li><b>Word of the Day:</b> Introduce a new interesting or uncommon word every day. Explain its meaning, usage, and challenge your viewers to use it in a sentence.(<b>CEFR C1 or C2 level words</b>)</li> <li><b>Famous Author Spotlight:</b> Pick a famous author and create a vlog about their life, notable works, and writing style. Discuss what you find interesting about their contributions to literature.</li> </ol>

		<ol style="list-style-type: none"><li>3. <b>Grammar Tips:</b> Share helpful grammar tips and tricks. You can cover topics like punctuation, common mistakes, or fun grammar-related games.</li><li>4. <b>Poetry Recitation:</b> Choose a poem you love, memorize it, and recite it on camera. Discuss what the poem means to you and why you chose it.</li><li>5. <b>Create a Travel Journal:</b> Keep a travel journal during your vacation. Write about your experiences, describe new places you visit, and reflect on the sights and sounds you encounter. Improve your writing skills and foster creativity and observation.</li><li>6. <b>Book Review Podcast:</b> Choose a book to read over the vacation and create a podcast-style book review. Record yourself discussing the plot, characters, themes, and your overall impression of the book. Practice speaking and critical thinking skills.</li><li>7. <b>Literary Scavenger Hunt:</b> Find examples of literary elements or devices (such as similes, metaphors, alliteration, etc.) in books, magazines, or vacation signs and advertisements. Analyze language in real-world contexts.</li><li>8. <b>Creative Writing Prompts Jar:</b> Select a writing prompt from a jar each day and write a response. Promote daily writing practice and spark creativity.e.g.(Write a story about a character who discovers a magical object hidden in their attic. Imagine you woke up one morning with the ability to speak to animals. What adventures would you have? Create a story set in a futuristic world where technology controls everything. Describe a day in the life of a superhero who has</li></ol>
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		<p>just discovered his powers. Write about a character who finds a mysterious map leading to a hidden treasure. Invent a story about a group of friends who uncover a portal to a parallel universe. Imagine you could time travel to any period in history. Where would you go and what would you do? Write a spooky tale about a haunted house in your neighborhood. Describe a world where humans have colonized another planet. Invent a story about a young inventor who creates a robot companion.)</p> <p>9. <b>Interview a Family Member:</b> Interview a family member about their life experiences, favorite memories, or significant events. Write a narrative based on the interview, incorporating quotes and anecdotes. Develop interviewing, listening, and storytelling skills.</p> <p>10. <b>Create a Digital Storyboard:</b> Choose a favorite book or short story and create a digital storyboard using tools like Canva or Google Slides. Visually represent key scenes, characters, and events, and include captions or brief summaries for each.</p>
3.	Subject Capacity Building Assignment	<ol style="list-style-type: none"> <li>1. Think of a story idea. It could be about anything you like – a fun adventure, a mystery, a funny moment, or even something you experienced yourself.</li> <li>2. Plan your story by jotting down the main events. Who are the characters? What happens first, next, and last?</li> <li>3. Write your story! Aim for around one page (or a bit more if you're feeling inspired).</li> <li>4. Check your work. Make sure your sentences make sense, and look for any spelling mistakes.</li> </ol>

		Remember, this is your chance to be creative and have fun with your writing!
4.	Preparatory Work for Units/ Chapters covered	1. Find examples of literary elements or devices (such as similes, metaphors, alliteration, etc.) in the first four chapters of both textbooks and prepare a chart based on it.

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**Class- VIII**  
**Subject - Science**

Class – VIII	Subject- Science	Teachers - Manish Rajak, KPC Rambabu, Sunil Kumar Dubey
S.No.	Items	Details
1.	Syllabus for PT-1	1. Crop production and management 2. Microorganisms: friend and foe
2.	Revision Homework / Assignment	1. Visit a farm nursery or a garden nearby. Gather information about i. Importance of seed selection ii. Irrigation iii. Effect of extreme hot and cold weather on plants. iv. Effect of continuous rain on the plants v. Fertilizers/ Manures used
3.	Subject Capacity Building Assignment	2. Collect different types of seeds and put them in small bags labeled with them. 3. Conduct an interview of 5 farmers and prepare a questionnaire related on agricultural practices 4. Visit a doctor find out by antibiotics should not be overused prepare a short report 5. Write down the importance of microorganisms in human life, Explain briefly.
4.	Preparatory Work for Units/ Chapters covered	Prepare 50 MCQ questions from chapter 1 & 2

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**SUMMER VACATION HOMEWORK (2024-25)**  
**Class- VIII**  
**Subject - Maths**

Class – VIII	Subject - Maths	Teachers - SK Pandey, TS Rao, TVNM Rao
S.No.	Items	Details
1.	Syllabus for PT-1	<ol style="list-style-type: none"> <li>1. Rational Numbers</li> <li>2. Linear Equation in one variable</li> <li>3. Understanding Quadrilaterals</li> </ol>
2.	Revision Homework / Assignment	<ol style="list-style-type: none"> <li>1. Sum of two numbers is 95. If one exceeds the other by 15, find the numbers.</li> <li>2. Two numbers are in the ratio 5:3. If they differ by 18, what are the numbers?</li> <li>3. Three consecutive integers add up to 51. What are these integers?</li> <li>4. The sum of three consecutive multiples of 8 is 888. Find the multiples.</li> <li>5. Three consecutive integers are such that when they are taken in increasing order and multiplied by 2, 3 and 4 respectively, they add up to 74. Find these numbers.</li> <li>6. The ages of Rahul and Haroon are in the ratio 5:7. Four years later the sum of their ages will be 56 years. What are their present ages?</li> <li>7. The number of boys and girls in a class are in the ratio 7:5. The number of boys is 8 more than the number of girls. What is the total class strength?</li> <li>8. Lakshmi is a cashier in a bank. She has currency notes of denominations Rs 100, Rs 50 and Rs 10, respectively. The ratio of the number of these notes is 2:3:5. The total cash with Lakshmi is Rs 4,00,000. How many notes of each denomination does she have?</li> <li>9. I have a total of Rs 300 in coins of denomination Re 1, Rs 2 and Rs 5. The number of Rs 2 coins is 3 times the number of Rs 5 coins. The total number of coins is 160. How many coins of each denomination are with me?</li> <li>10. The organisers of an essay competition</li> </ol>

		<p>decide that a winner in the competition gets a prize of Rs 100 and a participant who does not win gets a prize of Rs 25. The total prize money distributed is Rs 3,000. Find the number of winners, if the total number of participants is 63.</p> <p>11. Deveshi has a total of Rs 590 as currency notes in the denominations of Rs 50, Rs 20 and Rs 10. The ratio of the number of Rs 50 notes and Rs 20 notes is 3:5. If she has a total of 25 notes, how many notes of each denomination does she have?</p> <p>12. Baichung's father is 26 years younger than Baichung's grandfather and 29 years older than Baichung. The sum of their ages is 135. Find their ages.</p>
3.	Subject Capacity Building Assignment	<p>1. Using the number line, locate rational numbers Between two rational numbers( At least 10 numbers).</p> <p>5. To fold a paper 6 times in any way and unfold it then locates various concave and convex polygons.</p> <p>6. To solve linear equations by paper cutting and pasting.</p>
4.	Preparatory Work for Units/ Chapters covered	<p>1. Learn squares of numbers 1 to 30.</p> <p>2. Learn cubes of numbers 1 to 15.</p> <p>3. Make Double Bar Graph for any two questions from class VII</p>

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**Class- VIII**  
**Subject - Social Science**

Class – VIII	Subject - Social Science	Teachers- Shivesh Rai, AR Khan, Madhu Gupta
S.No.	Items	Details
1.	Syllabus for PT-1	History chapter 1st, Geography Ch 1st, Civics Ch-1st
2.	Revision Homework / Assignment	1. Write about the important personalities in chapter number 1 <sup>st</sup> History.
3.	Subject Capacity Building Assignment	1. Write a brief note about Pachmarhi Educational Tour
4.	Preparatory Work for Units/ Chapters covered	1. 150 MCQ from 1 <sup>st</sup> chapter of Hist, Geog and Civics. 2. Complete all three subject exercises



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**Class- VIII**  
**Subject - Hindi**

Class – VIII	Subject Hindi	Teachers- Ravindra Tiwari, AM Tripathi, Rajesh Kumar
S.No.	Items	Details
1.	Syllabus for PT-1	<p style="text-align: center;">पाठ्यपुस्तक वसंत -3</p> <p style="text-align: center;">1. पाठ 1- लाख की चूड़ियाँ पूरक पुस्तक भारत की खोज</p> <p style="text-align: center;">1. पाठ 1- अहमद नगर का किला 2. पाठ 2- तलाश</p> <p>औपचारिक और अनौपचारिक पत्र तथा अनुच्छेद का अभ्यास कीजिए विशेषण और क्रिया की परिभाषा, भेद एवं उदाहरण</p>
2.	Revision Homework / Assignment	<p>कक्षा में पढाए गये निम्न पाठों / शीर्षकों के समस्त प्रश्न उत्तरों को उत्तर-पुस्तिका में पूर्ण करें   इनका गहन अध्ययन कीजिए तथा सम्बंधित प्रश्नोत्तरों का अभ्यास कीजिए  </p> <p style="text-align: center;">पाठ्यपुस्तक वसंत -3</p> <p style="text-align: center;">1. पाठ 1- लाख की चूड़ियाँ</p> <p style="text-align: center;">पूरक पुस्तक भारत की खोज</p> <p style="text-align: center;">1. पाठ 1- अहमद नगर का किला 2. पाठ 2- तलाश</p>

3.	Subject Capacity Building Assignment	<p>1- 'ग्रीष्म ऋतु' विषय पर एक स्वरचित कविता लिखिए ।  2-अपने द्वारा किए गये किसी एक शैक्षिक भ्रमण का वर्णन 250 शब्दों में कीजिए ।  3 – 'मंगल ग्रह पर मेरा एक दिन' शीर्षक से अपनी कल्पना द्वारा एक कहानी लिखें जिसमें कि आप स्वयं मंगल ग्रह पर घूमने गए हों ।  4- कारीगरों को होने वाली समस्याओं का सचित्र वर्णन कीजिए और उनसे बचने के उपाय भी लिखिए ।</p>
4.	Preparatory Work for Units/ Chapters covered	<p>'वसंत' के पाठ एक, एवं 'भारत की खोज' से पाठ एक और दो का गहन अध्ययन कीजिए तथा सम्बंधित प्रश्नोत्तरों का अभ्यास कीजिए ।</p> <p>· औपचारिक और अनौपचारिक पत्र तथा अनुच्छेद का अभ्यास कीजिए</p> <p>विशेषण और क्रिया की परिभाषा, भेद एवं उदाहरण</p>

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**Class- VIII**  
**Subject - Sanskrit**

Class – VIII	Subject - Sanskrit	Teachers- Sourabh Kumar Jain
S.No.	Items	Details
1.	Syllabus for PT-1	पाठ क्रमांक 1 पाठ क्रमांक 2
2.	Revision Homework / Assignment	पाठ क्रमांक 1 के आधार पर भारतीय संस्थानों में प्रयुक्त होने वाले नीतिगत वाक्य की एक सूची बनाइए
3.	Subject Capacity Building Assignment	पाठ क्रमांक 2 के आधार पर दो स्वरचित कहानी लिखिए
4.	Preparatory Work for Units/ Chapters covered	प्रतिदिन के व्यवहार में प्रयुक्त होने वाले हिंदी के शब्दों को संस्कृत में लिखिए

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**Class- VIII**  
**Subject - Computer Applications**

Class – VII	Subject - Computer Applications	Teachers- Roushan Kumar
S.No.	Items	Details
1.	Syllabus for PT-1	1. Fundamentals of Network 2. Digital Design
2.	Revision Homework / Assignment	<b>Expand these abbreviations:-</b> 1. ICT 2. IE 3. IETF 4. IIS 5. IMAP 6. InterNIC 7. IP 8. IPR 9. IPS 10. IRTF 11. ISBN 12. ISOC 13. ISDN 14. IT 15. ISP 16. Kbps 17. Mbps 18. NNTP 19. NSFnet 20. OSS 21. PC 22. PDA 23. PHP 24. POP 25. PSTN

<p>3.</p>	<p>Subject Capacity Building Assignment</p>	<ol style="list-style-type: none"> <li>1. What is Computer Network? Write any three advantages of a Computer network.</li> <li>2. Explain the term Network. What are the elements of a network?</li> <li>3. What are the different categories of networks based on geographical area?</li> <li>4. What is a Network Topology? What are the various categories of Network Topologies?</li> <li>5. What are Protocols in computer terminology? Explain TCP/IP Protocol.</li> <li>6. What is Image Editing? Name four Image Editing Software.</li> <li>7. Write the use of Healing tool and Clone tool.</li> <li>8. What are different modes of colour setting in GIMP? Explain them briefly.</li> <li>9. Explain the following terms:-             <ol style="list-style-type: none"> <li>a. Animation</li> <li>b. Cropping</li> </ol> </li> <li>10. a What do you mean by layers?             <ol style="list-style-type: none"> <li>b. How brightness and contrast feature in GIMP helps to enhance the visibility of the image?</li> </ol> </li> </ol>
<p>4.</p>	<p>Preparatory Work for Units/ Chapters covered</p>	<ol style="list-style-type: none"> <li>3. Animation of Images</li> <li>4. Cyber Security</li> <li>5. Coding in Python</li> </ol>