

GREENWOOD PUBLIC SCHOOL, ADITYAPURAM
OUR MOTTO-DEVELOPMENT WITH DELIGHT
HOLIDAY ASSIGNMENT 2026-27
CLASS-VIII

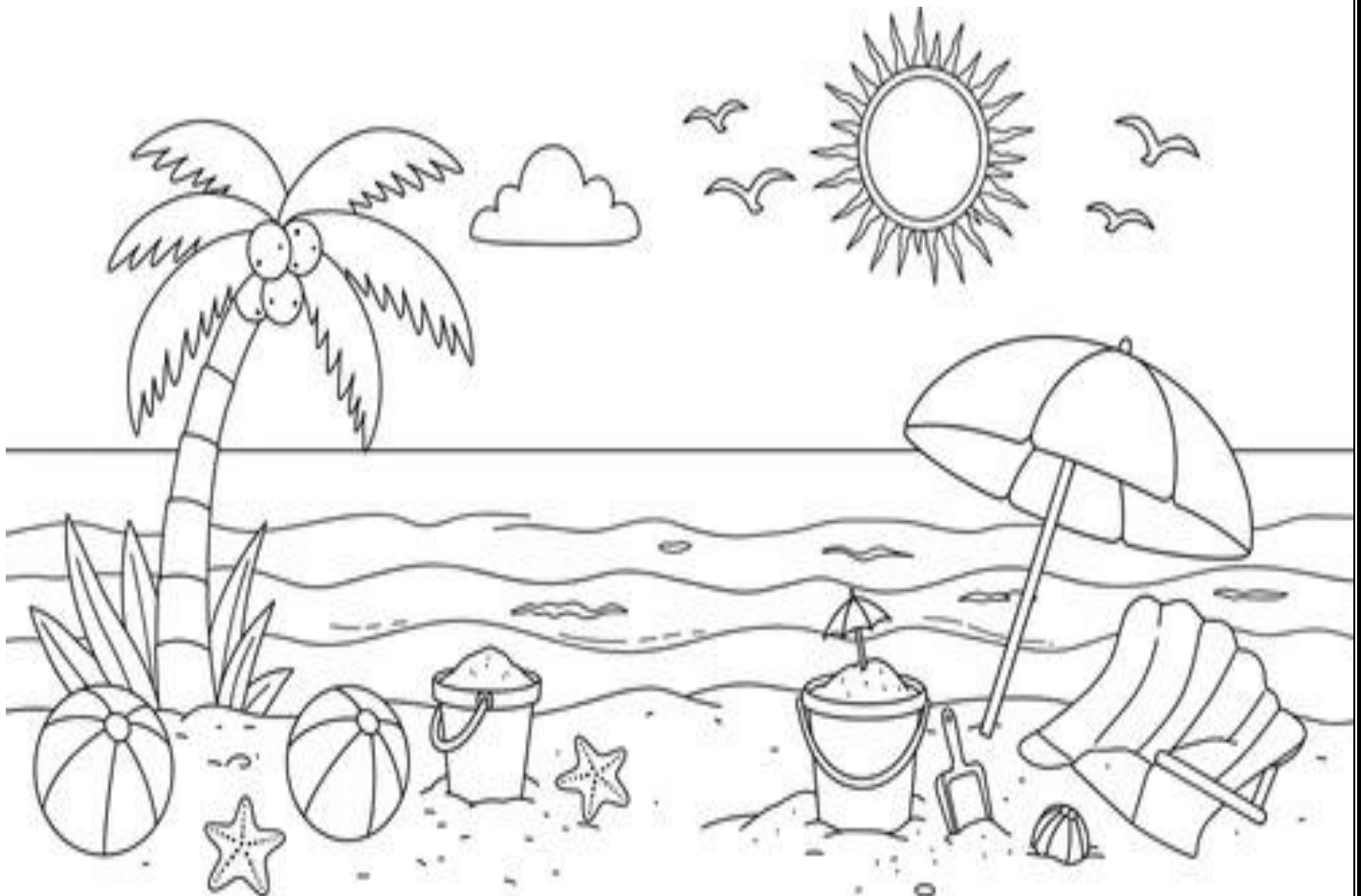


Sunbeams dance and the school bells ring,
It's time for the joy that summer will bring!
With a scavenger hunt and a "Shape Pizza" to make,
There are paths of discovery and new steps to take.
From "Kitchen Music" beats to the "Solar Oven's" heat,
Every task is an adventure, a wonderful treat.
So pack up your scrapbook and let the fun start,
With a curious mind and a very brave heart!

Dear Parent,

We wish you and your child a wonderful summer break. It's time to enjoy and create a bond with family, friends and relatives. To utilize this time in the most constructive way we have prepared Holiday Homework for the students on the principle of "learning by doing" for their holistic development.

Kindly ensure that the holiday homework is completed by the students under the guidance of the parents.



SUBJECTS	ASSIGNMENT
English	<ul style="list-style-type: none"> • The Modern Retelling: Choose a classic fairy tale (e.g., <i>Cinderella</i> or <i>The Thirsty Crow</i>) and rewrite it as a Science Fiction story set in the year 3000 in your rough notebook. Focus on using "High-Tech Vocabulary." • Literary Podcast Script: Listen to an episode of a podcast like <i>TED Radio Hour</i> or <i>The Moth</i>. Write a 2-page script in your rough notebook where you are the host interviewing the speaker. Use Literary Devices like Alliteration, Metaphors, and Irony in your dialogue. • Debate Proclamation: Prepare a formal written argument (300 words) on the topic: "<i>Will AI replace the need for human creativity in literature?</i>" Use at least 10 "Sophisticated Verbs" (e.g., <i>Advocate, Emphasize, Contradict, etc</i>) in your rough notebook.
Hindi	<ul style="list-style-type: none"> • संवाद लेखन: 'ग्लोबल वार्मिंग' और 'पिघलते ग्लेशियर'के विषय पर दो ध्रुवीय भालुओं के बीच 10-15 पंक्तियों का मार्मिक संवाद अपनी रफ पुस्तिका में लिखें। • कवि सम्मेलन: 'वीर रस' या 'हास्य रस' की अपनी स्वयं की रचित एक कविता में अपनी रफ पुस्तिका में लिखें। साथ ही कविता के भाव अनुसार एक सुंदर चित्र भी बनाएं। • अनुवाद एवं विश्लेषण: किसी अंग्रेजी समाचार पत्र के एक संपादकीय का हिंदी में अनुवाद करें और उसमें आए 10 कठिन शब्दों का अर्थ याद करें।
Maths	<ul style="list-style-type: none"> • Write and learn the tables from 2-20 in your rough notebook. • The Stock Market Tracker (Data Handling): Choose 5 major companies. Track their share prices for 10 days. Represent the "Percentage Change" using a Line Graph. Calculate the "Range" and "Mean" of the closing prices on A4 size paper. • Algebraic Identity Model: Create a 3D physical model or a colorful chart explaining the identity $(a + b)^2 = a^2 + 2ab + b^2$ using square and rectangular cut-outs.
Science	<ul style="list-style-type: none"> • The Pressure Pump: Build a working model of a "Hydraulic Lift" using two different sized syringes and a saline tube. Learn how Pascal's Law and "Fluid Pressure" allow a small force to lift a heavy object. • Synthetic Fiber Stress Test: Collect samples of 4 fibers (Cotton, Wool, Nylon, Polyester). Tie equal weights to them and see which one breaks first. Record the "Tensile Strength" and conclude which fiber is best for making parachutes.
Social Science	<ul style="list-style-type: none"> • 1857 Revolt Digital Map: On an outline map of India, mark 10 major centers of the Great Uprising of 1857. For each center, write a "Hero Profile" (e.g., Rani Laxmi Bai, Kunwar Singh). • Sustainable Resource Management: Research a "Rainwater Harvesting" system in an ancient Indian city (like Dholavira) vs. a modern city. Create a comparative model or chart showing the evolution of water management.

SUBJECTS	ASSIGNMENT
Artificial Intelligence	<ul style="list-style-type: none"> • The "AI Designer" for a Social Cause: Apply AI to solve a real-world problem: Think of a problem in your neighborhood (e.g., stray animals, littering, or elderly people needing help). Imagine an AI tool that could fix it. Draw the User Interface (UI)—the screen of the mobile app—that would control this AI on A4 size sheet. <i>Example:</i> An app that uses the camera to identify different types of plastic for recycling.
Sanskrit	<ul style="list-style-type: none"> • शब्द रूप एवं धातु रूप: अपनी उत्तर पुस्तिका में 'राजन्' (सकारान्त पुल्लिंग) के शब्द रूप सुंदर अक्षरों में अपनी रफ पुस्तिका में लिखें और उन्हें याद करें। साथ ही 'स्था' (तिष्ठ-ठहरना) और 'नी' (नय-ले जाना) धातुओं के रूप लट्, लृट और लङ्. लकार अपनी रफ पुस्तिका में लिखें। • सूक्ति-संग्रह: 'परोपकार' या 'अनुशासन' पर आधारित 5 संस्कृत सूक्तियाँ लिखें। इनके आधार पर एक 'विद्यालय पत्रिका' के लिए ए-4 साइज शीट पर कवर पेज तैयार करें। • सचित्र आविष्कार: किन्हीं 5 आधुनिक आविष्कारों (जैसे- मोबाइल, संगणक, विमान) के चित्र चिपकाएं और उनके लाभ संस्कृत के 3-3 वाक्यों में लिखें।
Physical Education	<ul style="list-style-type: none"> • The "30-Day Fitness Log": Choose three exercises (e.g., Push-ups, Squats, and Lunges). Perform them daily and record the number of repetitions. • Sports Psychology Report: Watch a documentary or a movie based on a famous athlete (e.g., <i>Mary Kom, 83, or Bhaag Milkha Bhaag</i>). Write a 200-word report on the mental challenges the athlete faced and how they overcame them in your rough notebook. • Traditional Game Revival: Learn a traditional Indian game that doesn't require modern equipment (like <i>Kho-Kho, Kabaddi, or Aadu Puli Aatam</i>). Play a match with your family or neighborhood friends.
G.K.	<ul style="list-style-type: none"> • The Global Timeline: Identify 5 major global events happening in 2026 (e.g., space missions, international summits, or sports events). Write a brief summary of why each event is significant for the world in your rough notebook. • The "Who's Who" of Science: Identify 5 living Indian scientists who have contributed to AI, Space Research, or Medicine in the last three years. Write a 3-line "Career Profile" for each in your rough notebook.
Dance & Music	<ul style="list-style-type: none"> • The "Rhythm of Nature" Composition: Record 5 different sounds from nature (rain, bird chirping, wind, etc.). Use a basic digital app or your voice/instruments to create a 1-minute "Nature Symphony" inspired by these sounds. • Cultural Fusion Analysis: Find a song where Indian Classical music is blended with Western instruments (like a Sitar-Guitar fusion). Learn dance on the same song and record it. • Learn and Recite Ram Stuti, Hanuman Chalisa and 5 Shlokas of Geeta everyday with your parents.
Value Education	<ul style="list-style-type: none"> • Digital Fasting Challenge: Choose one Sunday to go "Completely Offline" (no phone, TV, or gaming). Spend the day on a hobby or talking to family. See how your focus and mood changed throughout the day. • Social Advertisement: Design a poster for your colony notice board on a social issue like "Kindness to Stray Animals" or "Inclusive Playgrounds for Children with Special Needs" on A4 size sheet.

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Social Activity	<ul style="list-style-type: none"> • The Industrial Archeologist: Visit a local factory or a small-scale industry (like a brick kiln or a garment factory). Interview a worker about how Automation/Machines have changed their work over the last 10 years. Write a "Technological Shift Report" in your rough notebook.
Summer Visit	<ul style="list-style-type: none"> • The "Old-World" Tech Visit: A Traditional Printing Press or Pottery Kiln- Visit an old-style offset printing press (where they still use metal plates) or a traditional pottery workshop/kiln. Compare "Old Tech" with "Modern Tech." Watch the process from raw material (clay/ink/paper) to the final product. Note down how much human effort is required compared to a machine or a computer. • The Media & Communication Hub: A Local Radio Station or Newspaper Office: Visit a community radio station, a local news channel studio, or the printing unit of a newspaper. Discover how information is "Packaged." If at a Radio Station: See how a soundboard works and how a "Live" show is managed. If at a Newspaper Office: See the giant rolls of paper and the high-speed printing machines.
Art & Craft	<ul style="list-style-type: none"> • Crochet Model Art: Prepare a beautiful crochet lace atleast 9 metre in length. • Gond Art on Clay Plate: Take a clay plate, then draw any Gond Art design on it (can take reference from Google) and paint it with acrylic paint.
S.T.E.M. FUN	<ul style="list-style-type: none"> • The "Cabbage" pH Scale: Boil red cabbage to create a natural pH indicator. Test 5 household liquids (soap, vinegar, lemon juice, milk, tap water). Create a color chart showing which are Acidic, Basic, or Neutral on A4 size paper.

NOTE:

- Revise the chapters completed in the month of April.
- Best Assignments will be awarded. Originality of the work will be appreciated.
- Project/Home work will be assessed on the basis of neatness, creativity and originality of ideas.

Most Important-

- Spend time with your grandparents and engage them in activities like gardening, nature walk, games, etc.
- Make house a happy place for everyone. Whenever you have guests at home, offer them a refreshing glass of water. Serving water is a sign of respect and love in our culture.
- Holiday Assignment should be submitted in a folder creatively designed by you.
- Submission of Holiday Assignment- **11th July 2026, Saturday.**
- School will reopen on **01st July 2026, Wednesday.**

HAVE A GREAT VACATION AND ENJOY YOURSELF!!!