



ST. JOSEPH'S SCHOOL, MAHARAJGANJ

Summer Vacation Holiday Homework 2026-27

CLASS 11 BIOLOGY

SUBJECTS	TOPIC / PORTION
ENGLISH	<p>As par to your summer vacation homework, you are instructed to maintain a daily diary for 30 days. The purpose of this activity is to improve your grammar, writings skills, creativity, and expression in English.</p> <p>Instructions:</p> <ul style="list-style-type: none"> • Each entry should be between 120–150 words. • Use the following tenses in your writing: • Simple Present Tense • Simple Past Tense • Past Perfect Tense • Simple Future Tense(using “would”) <p>Prepare a tense chart on chart paper</p>
PHYSICS	<p>Task 1:Vector Treasure Hunt</p> <ol style="list-style-type: none"> 1. What to do: Create a “treasure map” in your house or yard. Take 4 different walks in different directions(e.g.,5 stepsNorth,3stepsEast). 2. Math/Physics part: Write the dimensional formula for 30 physical quantities from physics. 3. Solve NCERT exercise of chapter 1 and 2. 4. Complete Lab-manual Experiment 1. <p>Task 2:Graphing a Car Ride</p> <ol style="list-style-type: none"> 1. What to do: Next time you are in a car, note down the speed and total distance from the dashboard every 2 minutes. <p>Get at least 10 readings.</p> <ol style="list-style-type: none"> 2. Math/Physics part: Plot two graphs on graph paper: Distance vs Time, and Speed vs. Time. Mark where the car was speeding up, slowing down, or moving at a constant speed. 3. What to turn in: The two graphs and a short paragraph explaining the ride based on the shapes of your lines.
PHYSICAL EDUCATION	<p>Summer Holiday Homework(Practical-1)</p> <p>*Topic: Khelo India Fitness*Assessment</p> <p>*Instructions to Students</p> <ul style="list-style-type: none"> • Write all the work neatly in your Lab Manual. • Include proper headings, diagrams (figures), and labeling. • Maintain clean handwriting and proper presentation. • Practice all fitness tests daily in the early morning at home. <p>**Submission**</p> <p>Submit the completed Lab Manual after summer vacation.</p> <ul style="list-style-type: none"> • Marks will be awarded based on: • Neatness • Diagrams • Completeness • Practical performance

CHEMISTRY	Q.1. Learn and write the electronic configuration of elements from atomic number (Z) 1 to 30. Q.2. Write experiment number 1 in lab manual. Q.3. Learn and write law of chemical combination. Q.4. Prepare a 3-D model of atom.
BIOLOGY	1. To write the experiment transverse section of Dicot leaves in the lab manual. (Aim , Material required, procedures, observation, result and precaution. 2. Collect different types of leaves from your neighborhood and write the names of all the parts. Collect the leaves on the basis of the venation and paste them on an A4 sheet and submit them when the school reopens. 3. To write & learn all the examples of different phylum from your book. 4. Plant a fruit plant at your home or nearby and click a photo of it, paste it on the A4 sheet and submit it when the school reopens.