



MEDI-CAPS INTERNATIONAL SCHOOL

SUMMER ASSIGNMENTS (2026-27)

CLASS -IX

S. No.	Subject	ASSIGNMENTS
1.	English	1-A- You are the Cultural Secretary of Medi-Caps International School, Indore. Your school is going to organise an Inter-House Debate Competition on the topic "Social Media: A Boon or a Bane". Write a notice in 50 words giving all necessary details. B- You are the Sports Captain of Medi-Caps International, Indore. Your school is organising a Yoga Camp for students during summer vacation. Write a notice in 50 words mentioning date, time, venue, eligibility, and registration details. 2. Fill in the blanks with correct form of the verbs. - The teacher _____ (explain) the chapter when the bell rang. - I _____ (not/see) him since last Monday. - By next year, she _____ (complete) her graduation. - The children _____ (play) in the park every evening. - While I _____ (walk) home, I met my old friend. 3. Choose the correct option . - He _____ to school daily. A) go b) goes c) went d) going - They _____ the movie before I reached the theatre. A) watched b) have watched c) had watched d) watch - She _____ her homework right now. A) does b) is doing c) did d) has done - We _____ in this city for ten years. A) live b) lived c) have been living d) are living - The train _____ at 6 p.m. tomorrow. A) leaves b) left c) leaving d) has left 4. Rewrite the sentences in the tense mentioned . - He writes a letter. (Change into Past Continuous) - They are playing football. (Change into Simple Past)

		III. I have finished my work. (Change into Future Perfect) IV. She cooked dinner. (Change into Present Perfect) V. We will attend the meeting. (Change into Past Perfect) 5. Convert Direct Speech to Indirect Speech (and Vice Versa) I. Riya said, "I am feeling tired." II. The teacher said, "Do not make noise in the class." III. Mohan said, "I have completed my project." IV. Father said, "Where are you going?" V. The doctor said, "Take this medicine twice a day." 6 VI. She said that she would help me. 7 VII. The policeman ordered the man to show his identity card. VIII. Rahul asked me if I had finished my homework.
2.	Hindi	1 'दो बैलों की कथा' कहानी पढ़कर लेखक प्रेमचंद के 10 रचनाओं के नाम लिखना। 2 'मेरे सपनों का भारत' अथवा 'मेरे सपनों का विद्यालय' विषय पर 100 से 120 शब्दों में अनुच्छेद लिखिए। 3 बढ़ती हुई गर्मी को देखते हुए अपने घर की छत पर पक्षियों के लिए दाना-पानी रखें तथा भूखे-प्यासे दोनों पक्षियों का संवाद वर्णन लिखिए। उपरोक्त सभी कार्य A 4 साइज के पेपर में लिखकर फाइल में रखकर अपनी हिंदी अध्यापिका को जमा कराए।
3.	Mathematics	1. To construct a square-root spiral. 2. To represent some irrational numbers on the number line. 3. To verify the algebraic identity: $(a + b)^2 = a^2 + 2ab + b^2$ 4. To verify experimentally the different criteria for congruency of triangles using triangle cut-outs. 5. To verify that the sum of the angles of a triangle is 180°. 6. To verify experimentally that the sum of the angles of a quadrilateral is 360°. 7. To verify that the angle subtended by an arc of a circle at the centre is double the angle subtended by it at any point on the remaining part of the circle. 8. To verify that the opposite angles of a cyclic quadrilateral are supplementary. 9. To form a cube and find the formula for its surface area experimentally. 10. To find the relationship among the volumes of a right circular cone, a hemisphere and a right circular cylinder of equal radii and equal heights.
4.	SCIENCE	<u>Physics</u> : —1. Science Portfolio 2. Work sheet of Chapter Motion <u>Chemistry</u> : 1. Chemistry practical file completion 2. Science Portfolio <u>Biology</u>: 1. Science Portfolio 2. Work sheet for Ch 1 The Fundamental Unit of Life
5.	Social	Every student has to compulsorily undertake project on "Disaster Management"

6.	IT	Some useful AI tools for students: 1. ChatGPT – Ask questions, get explanations, create notes. 2. Google Gemini – Research help and guided learning. 3. Khan Academy (with Khanmigo) – Personalized tutoring. 4. Duolingo – Language learning practice. 5. Canva – Create presentations, posters, and infographics. Assignment: 1. How AI Can Improve My Learning Use any two AI tools from the list above and complete the following: 1. Write the name of the two AI tools you selected. 2. Mention one subject where each tool can help (Math, Science, English, etc.). 3. Use each tool for one small learning task (example: solve a doubt, make notes, practice vocabulary). 4. Write 3 advantages of using AI in learning. 5. Write 2 precautions while using AI tools (example: verify answers, do not copy homework directly). 6. Prepare a short report (150–200 words): “My Experience Using AI for Learning.”
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NOTE:

Students are hereby informed that for all subjects where the summer assignment is project-based, they are required to prepare a video presentation of their work. The video should clearly demonstrate the concept, process, and outcomes of the project.

Students must share their videos with their respective subject teachers within the stipulated time. Evaluation and grading will also be based on the quality, creativity, and presentation of these video submissions.

Ensure that the videos are clear, well-structured, and reflect your individual understanding and effort.
