



St. Mary's Convent Inter College


Manak Nagar, Lucknow

SUMMER VACATION HOMEWORK (SESSION 2026-2027)

CLASS- 6

S. No.	Subject	Homework
1.	Computer	Learn chapters Book IT Bot Chapter 1 – Categories of Computer and Computer Language Chapter 2- File management Data Organization Book AI Robo Chapter 1- Exploring AI Domains Full Forms and Shortcut Keys Practice MS word and Powerpoint
2.	Physics	(Do this in interleaf punch papers) A. Collect different solid objects from your surroundings like chalk, spoon, pen, pencil, eraser and sharpener. Keep them in different containers and observe the shape of these objects in those containers. Verify all other properties of matter. Answer the following questions on the basis of your observations. 1. Do they have a definite shape? 2. Are all the collected objects rigid? 3. Are you able to compress these objects? Prepare a report. B. Write the definition for the following: i. Melting ii. Boiling vs Evaporation iii. Condensation iv. Freezing v. Sublimation vi. Deposition
3.	Mathematics	Fraction Ex.4C Q4vi, Q5 xii, Q6iii, Q7v (in copy) Ex 4D Q1iv , Q2ii, Q3iii, Q5iii, Q6iii ,Q8iii, Q13,Q17 and Q21 (in copy) Ex4 E Q12, 18, 27, 28 and 30 (in copy) Ex 4F Q1, Q5, Q8,13 and Q14 in copy) Ex 4G

		<p>Q3,4,7,and Q9 (in copy)</p> <p>Decimal Fractions Ex 5D Q1v ,Q2vi,viii ,Q3 ii , Q5 and Q8 (in copy) Ex 5E Q7 & Q10 (in copy) Ex 5F MCQ and MENTAL MATHS (IN BOOK)</p> <p>Fundamental Geometrical Concepts Ex 14 A Q1,,5,6,8,9,10 and 11 (IN BOOK) Ex 14B MCQ &MENTAL MATHS (IN BOOK)</p> <p>Angles Ex 15A & Ex 15 B (IN BOOK)</p> <p>NOTE: 1. Holiday homework to be done in a separate thin register with proper heading and date mentioned on it. 2. Use pencil to solve the questions in the book.</p>
4.	Chemistry	<p>Write the symbols and latin names of Metals, non metals, metalloids and noble gases in your class work copy in separate pages from page number 43 and 44 of your text book and learn it.</p> <p>Learn chapter 1 for First assessment.</p>
5.	Biology	<p>1. Draw well labelled diagram of a plant and animal cell in your note book. 2. With the help of diagram classify the leaves according to phyllotaxy along with two examples for each ,on punch sheets. 3. Read and learn the chapter " The Leaf " for assessment.</p>

6.	English Language	<p>1.Prepare a creative work on the topic 'A Day Full of Nouns' on punch sheets. Write a short paragraph or personal account describing your day and identify the different types of nouns used in the passage.</p> <p>Highlight the nouns using the following colour code:</p> <ul style="list-style-type: none"> •Red – Proper Nouns •Blue – Common Nouns •Green – Collective Nouns •Orange – Abstract Nouns •Purple – Material Nouns <p>Make the presentation attractive by adding suitable illustrations, creative headings, colours, and decorative borders. The work should be written in neat and clear handwriting.</p> <p>2.Prepare Chapter- 1(The Sentence), Ch-2 (Subject and Predicate) and Ch-7 (Adjectives) for Unit Test-1</p>
7.	English Literature	<p>1.Prepare Chapter 1- Mellidora and Dust of Snow (poem) for Unit Test-1</p> <p>2.Topic: Creative Writing (on punch sheet) Write a short poem (14-16 lines) based on the given picture. Present your work creatively using colours, borders and illustrations. Write in neat handwriting.</p> 
8.	History	<p>1.Prepare the chapter Indus Valley Civilisation for First Unit Test</p> <p>2.Complete the following work neatly on punch sheets (one side ruled):</p> <p>Write short information on:</p> <ol style="list-style-type: none"> a)Occupations of Indus Valley Civilization b)Religious beliefs

9.	Hindi	<p>1-यूनिट टेस्ट में आने वाले समस्त पाठ्यक्रम को याद करे। 2-निम्नलिखित कार्य को हिंदी की (कक्षा कार्य) कॉपी में लिखिए एवं याद करिए-</p> <p>*विलोम शब्द - (13-27उत्थान से धर्म तक) *पर्यायवाची शब्द - (16 से 30 किरण से दूध तक) *वाक्यांशों के लिए एक शब्द- (6 से 15 किरण से दूध तक) *अनेकार्थी शब्द - (1 से 10 - अंक से उत्तर तक) *मुहावरे - (12 से 25 तक) *प्रस्ताव लेखन- (निबंध) (दोनों विषय पर लिखे।)</p> <p>1-विज्ञान के चमत्कार 2-प्रातः कालीन शैर ।</p>
10.	Sanskrit	<p>1.Unit test- में आने वाले सभी पाठ्यक्रम को याद करें । 2.फलम, जनक और रमा का शब्द रूप अपनी संस्कृत कॉपी में लिखिए। 3- पठ्, अस्, गम्, लिख, दृश्, कृ, दा का धातु रूप in present tense अपनी संस्कृत कॉपी में लिखिए। 4-Translate into Sanskrit</p> <p>i-बालक पढ़ता है । ii-दो फल गिरते हैं। iii-बन्दर कूदता है। iv-सेब और अनार है। v-नीता फल खाती हैं।</p>
11.	Geography	<p>1.Download and take printouts of the Physical Maps of North America available on the school E-care app and revise them thoroughly. 2.Complete the question–answers of the chapter Landforms given on the E-care app. 3.Practice Conventional Signs and Symbols regularly. 4.Prepare well for the Unit Test.</p>