

KENDRIYA VIDYALAYA GOLDEN ROCK (SR) TIRUCHIRAPPALLI**Autumn Break Holiday Home work (2025-26)****Class - VII**

English	i) Your school is organizing an Adventure Trip to a nearby hill station during the winter vacation. As the Secretary of the English Club, write a notice informing students about the trip. ii) Read the lesson Conquering the Summit. Write down 10 new/difficult words from the lesson and make your own sentences with them.
Math	1.*Indian and International Number Systems*: Write the number 4,56,78,901 in the International System and 45,678,901 in the Indian System. 2. *Real-Life Applications*: Find examples of large numbers in real-life scenarios (e.g., population, area, distance). 3. *Simplifying Expressions*: Simplify the expression: $2 \times (3 + 4) - 5$. 4.*Word Problems*: Create and solve word problems using arithmetic expressions. 5. *Introduction to letter numbers*: Write an expression using letter number for "5 more than 3 times a number". 6.Simplify the expression: $2x + 5x - 3x$. 7. Evaluate the expression: $2x + 3$ when $x = 4$. 8.*Forming Expressions*: Write an expression for "the sum of twice a number and 5". 9. *Real-Life Applications*: Find examples of expressions using letter numbers in real-life scenarios. 10.. *Review of Concepts*: Review the concepts learned in the chapters and create a concept map. Subject Enrichment Activity *Math Project*: Create a project that demonstrates the application of mathematical concepts in real-life scenarios. Choose a topic of your interest (e.g., finance, science, engineering) and present your findings in a report or presentation. This activity will help you develop problem-solving skills and appreciate the relevance of mathematics in everyday life NOTE : 1.Do your homework in A4 Sheets 2. Do Subject Enrichment Activity on Chart.
Science	1. Make a poster/slide about Earth, Moon and the Sun: include phases of moon, eclipses, relative motion etc. Create a chart comparing Metals vs Non-metals: properties, examples, where found, uses. For Life Processes in Animals / Plants, draw labelled diagrams of respiratory system (animal) and photosynthesis process (plant).

	2. Question & Answer Practice Make questions by yourself and solve them, e.g.: a) short answer questions from “Electricity: Circuits and their Components”. b) True/False + correct the false statements from “Heat Transfer in Nature”. c) MCQs from “Adolescence: A Stage of Growth and Change”. 3. Environment / Application Think about how understanding of Earth, Moon and the Sun helps in real life (like tides, seasons). Write a paragraph. On Light: Shadows and Reflections, note 3 everyday situations where shadows matter (e.g., in building design, in photography).
Social	• From the Rules to the Ruled: Types of Governments • Climates of India • The Age of Reorganisation And make one chart for your favourite Chapter.
Sanskrit	1. शब्दरूपाणि - राम , बातिका , फल , 2. धातुरूपाणि – पठ् , गम् , लिख,
Hindi	कक्षा 7 हिंदी 1) वर्षा ऋतु के सौंदर्य का वर्णन करते हुए एक अनुच्छेद लिखिए। 2 वर्षा ऋतु से जुड़ी कोई कविता (4 पंक्तियाँ) स्वयं बनाइए। 3 चिड़िया का चित्र बनाइए और उसे रंग भरिए। 4 कल्पना कीजिए कि आप एक पत्रकार हैं और महाराज से मिल रहे हैं। पाँच प्रश्न तैयार कीजिए जो आप उनसे पूछेंगे। Write in A4 sheet And make one chart for your favourite Chapter.
DL	1. Differentiate between compile and interpreter 2. What is python prompt? 3. What do you understand by data types in python give an example for each 4. What are the different types of operators in python? Give an example for each 5. What are keyword, identifier and literals in python? Explain with suitable example 6. Write short notes about Logical operators. 7. What is the purpose of the following operators in python a. == b. != c. % d. ** //