



PATEL INTER COLLEGE



CIVIL LINES, FATEHPUR, UTTAR PRADESH

SUMMER HOLIDAY HOME WORK

NAME:.....

CLASS:.....

ROLL NO.....

**SHIVAJI GROUP OF INSTITUTIONS****SUMMER VACATION WORK (2025-26)****CLASS- 9 E**

Subject	Holiday Work
Math	Total Surface Area , Curved Surface Area , Volume of Cone , Cube , Cuboid with coloured figure on Chart Paper .
English	1. Make a chart of Tenses with rules and examples. 2. Make a chart of Parts of Speech and give it details also .
Hindi	परियोजना कार्य :- I. आर्ट पेपर पर महादेवी वर्मा के चित्र सहित मुख्य बिंदु लिखें (छात्र अनु० १ से २५) II. दिवेदी युग का चार्ट आर्ट पेपर पर बनायें (छात्र अनु० २६ से ४९) सभी छात्रों के लिए :- I. पत्र लेखन – गर्मी कि छुट्टियों में मित्र को अपने घर बुलाने के लिए पत्र लिखे II. एक पेज सुलेख प्रतिदिन लिखे
SST	I. On the outline map of India , locate and label the following feature . (Roll No. 1 To 16) a) Capital of Bihar b) State has the longest coastline c) The East and West extent of India d) The North-South extent of India II. Draw longitudinal and latitudinal position of your state. Write answer and show on India map.(Roll No. 17 To 32) III. Identify the symbols and draw on your answer which stands for liberty ,equality and fraternity . (Book page no. 08) (Roll No. 33 To 52)
Biology	Make a neat , labelled and colorful poster (chart) on the topic given below OR Make a project file on the topic given below . Roll No. 1 to 15- Plant Cell and Animal Cell . Roll No. 16 to 30- Cell Organelles Structure and functions. Roll No. 31 to 45- Prokaryotic Cell and Eukaryotic. Roll No. 46 to 60- Cell Structure and function.
Chemistry	1.To check the purity of milk by lactometer (Roll No. 1 To 15) 2. To separate solute and solvent from the following . (Roll No. 16 To 30) a) Milk b) Mojito c) Hot coffee d) Sanitizer 3. Write down colloidal solution in common house hold items in tabular form according to colour state and nature . (Roll No. 31 To 45) 4. To check the purity of kitchen ingredient . (Roll No. 46 To 60)
Physics	1- Laws of motion in daily life (Roll no.1 to 10) 2- Show examples of newton's three laws using real situations . (Roll No. 11 To . 20) 3- Write about the scientist 'Newton' Paste their picture and tell about his work and discovery. (Roll No. 21 To 35) 4- measurement of mass, length and time tools use in daily life. (Roll No. 36 To 45) 5- friction – Its advantages and disadvantages study how friction helps in walking and causes wear and tear . (Roll No. 46 To 60)
Computer	Project Work: Paste the following coloured picture in chart paper and also explain in short : निम्नलिखित तत्वों के चित्रों (रंगीन) को एक चार्ट में चिपकाएँ और उनके बारे में संक्षेप में लिखिए : ➤ Input Device (Keyboard, Mouse, Joystick, Lightpen, Scanner) ➤ Output Device (Monitor, Printer, Plotter, Projector, Speaker) ➤ Draw the block diagram of computer and explain it with its components. (कंप्यूटर का ब्लॉक चित्र बनाकर उसके सभी अवयवों का वर्णन संक्षेप में कीजिये)
Art	Design- Paint a unitary alpna design in a circle of diameter 20 cm. which should be appropriate for festival. Design must be based on Lotus flower , leaves and buds and a fish. Design should be painted in any three water colours . Letter Writing – Write the following words in English letters of 9/4 cm. height. KANPUR ARTIST .