



SHIVAJI GLOBAL ACADEMY



NAURANGA, GHATAMPUR, KANPUR

SUMMER HOLIDAY HOME WORK

NAME:.....

CLASS:.....

ROLL NO.....



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

Subject	Holiday Work
Math	Project work:- Write the formula of circle, cube, cone, cuboid, cylinder in chart paper with figure. Use sketch pen.
Eng Lit.	Write the important characters which are described in the drama "Julius Caesar". Also write down their role in the drama.
Eng Lang.	Write a composition on- You had to go on a train journey with your family on reaching the railway station. You discovered that your train was delayed by two hours. Describe all what you saw during those waiting hours.
Hindi	प्रस्ताव लेखन लगभग 250 शब्दों में लिखें- प्रिय ऋतु व त्यौहार मौलिक कहानी लिखें- (250 शब्दों) 1. एक मछली सारे तालाब को गन्दा करती है। 2. "बिना विचारे जो करे, सो पाछे पछताइ"
H.C.G-1	1. In notebook write the summary of Ramayana and Mahabharat (each 60 to 100) words (own) and write what information we find about later vedic age from epics. [Roll No. 01 to 15] 2. Write and paste or draw the pics of kings who followed Jainism/ Buddhism and write short note on them. or both ie. Bimbisara, Ajatashatru, Chandragupta Maurya, Ashoka [Roll No. 16 to 30] 3. Make and write fundamental rights on A4 chart sheet and paste in notebook. [Roll No. 31 to Rest]
H.C.G-2	Make different zones of world (tropical to frigid) in world map. Paste it. [Roll No. 01 to 15] Make Perihelion and Aphelion Diagram on A4 sheet and paste in notebook. [Roll No. 16 to 30] Make world rivers on world map and paste in notebook. [Roll No. 31 to Rest]
Biology	Make a neat, labelled and colourful poster (chart) on the topic given below: Or Make a project file on the topic given below- Roll No. 01 to 15- Plant Cell and Animal Cell Roll No. 16 to 30- Neuron: A nerve cell Roll No. 31 to 45- Flower: Structure and Function Roll No. 46 to 60- Monocot seed and Dicot seed
Chemistry	Make an assignment on following topic in A4 sheet- Roll No. 01 to 10- To determine hardness of water and difference between hard water and soft water according to your experiment. Roll No. 11 to 20- Neutralisation reaction of acid and base by using domestic substance. Roll No. 21 to 30- Write the reaction showing- 1. change in colour 2. Evolution of gas Roll No. 31 to 40- Make a chart with picture to differentiate state of matter. Roll No. 41 to 50- Formation of various types of emulsion (at least two) Roll No. 51 to 60- Make a pH chart of following with colour and nature- a) Tomato juice b) Lime water c) Lemon juice d) Distilled water e) Tap water
Physics	Roll No. 01 to 10- Archimedes principle & its uses Explain floatation, boat and submarines Roll No. 11 to 20- friction : A necessary Evil Discuss its advantages & disadvantages in everyday life. Roll No. 21 to 30- About Newton (DOB, DOD – Achievements, Awards) Roll No. 31 to 40- Newton's law of motion Roll No. 41 to 50- How do rockets work? Roll No. 51 to 60- Pressure in liquids
Computer	➤ Define Object Oriented Programming features ➤ Write a Program in Java to calculate Simple Interest. ➤ Write a Program in Java to convert Fahrenheit to Celsius.
P.Ed	Make a Project file on the topic given below:- Roll No. 1 to 15= Bones and their classification Roll No. 31 to 45= Joints and their types Roll No. 46 to 60= Effect of exercise over skeletal system and muscular system.