ST. THOMAS SCHOOL, JAIPUR
SUMMER HOLIDAY HOMEWORK (2023-24)
<u>CLASS – IX</u>

ENGLISH	- AIL(PROJECT):Make a travel brochure of Nagaland and Rajasthan. - AIL(ACTIVITY):Prepare a Comic Strip on the basis of the chapter "THE ADVENTURE OF TOTO". - PORTFOLIO: Write the critical appreciation of the poem "THE WIND" and the prose" THE FUN THEY HAD." - Choose any three author/poet of your choice .Stick/Draw pictures of them and write their biography in 150-200 words each. - Write& prepare the script of your ROLE PLAY to be presented in the class after summer break. - READING & WRITING :Do page number 10.12,14,72,73 and 74 in ENGLISH LINKS WORKSHEETS. - Revise all the chapters done in notebook.
HINDI	- किसी भी विषय पर एक विज्ञापन तैयार कीजिए। - किसी भी एक लेखक व एक कवि का चित्र सहित परिचय दीजिए। - राजस्थान के लोगों के रहन-सहन, पौशाक, संस्कृति, उत्सव आदि से संबंधित एक परियोजना तैयार कीजिए। **(उपर्युक्त कार्य A-4 size sheet में करो।)**
MATHS	**Instructions** Complete these activities according to CBSE Instructions as portfolio select any mathematician his photo, family background and achievement. Write in brief. **Activities** : **1** Construct a spiral root up $\sqrt{8}$ and with the help of number line find the square root of 2, 3, 5, 6, 7 and 8 upto one decimal point. **2**. Represent on number line. $\sqrt{2}, \sqrt{3}, \sqrt{5}, \sqrt{6}$ on separate number line. **3**. Verify the Al-gebraic Identities by cutting and pasting of colour sheets. (a) $(a+b)^2 = a^2 + 2ab + b^2$ (b) $(a-b)^2 = a^2 - 2ab + b^2$ (c) $(a+b)(a-b) = a^2 - b^2$ (d) $(a+b)^3 = a^3 + 3a^2b + 3ab^2 + b^3$ **Portfolio** Any one mathematician.
SCIENCE	**PHYSICS:** - Do questions from back exercise of book. Ch- Motion, laws of motion Any one working model based on equations of motion. - Write two practicals in lab manual **BIOLOGY:** - Write experiment no. 1 to 3 in lab manual. - Make a model of plant cell and animal cell and mention the basic differences

	between them. - Draw well labelled diagrams of all the cell organelles in your lab manual & write the names of scientist who discovered it. **CHEMISTRY:** - Write experiment no. 1, 2, 4 & 5 in your lab manual. - With the help of labelled diagram describe in brief an activity to show sublimation of ammonium chloride in your lab manual. - Draw a 3-D diagram of evaporation & interconversion of states of matter.

SOCIAL STUDIES	**1. Prepare a project file on any one natural disaster . The project should include the following**:
	• Minimum 10 pages
	• Clear, related and coloured pictures
	• Problems faced by victims
	• Helping guidelines Post disaster
	   Acknowledgement
	   Certificate
	   Content
	   Bibliography
	
	2. Make a caricature of Napoleon and Louis XVI.
	
	3 .In an outline map of India show the followings: - The Satpura, Western & Eastern Ghats - Mountain Peaks – K2, Kanchanjunga, Anai Mudi - Plateau - Deccan Plateau, Chota Nagpur Plateau, Malwa Plateau - Coastal Plains - Konkan, Malabar, Coromandel & Northern Circar (Location and Labelling) - Rivers: (Identification only) - The Himalayan River Systems-The Indus, The Ganges, and The Sutlej - The Peninsular Rivers-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi - Lakes: Wular, Pulicat, Sambhar, Chilika

Information Technology	**Task 1**- Prepare a describing table for all input devices along with their description and use.{Kindly refer page no – 64 of your text book}
	Task 2- Paste five pictures of each in your notebook.
	    a) Input Device
	    b) Output device
	    c) Storage device