

## Form 11 - Weekly Academic Activity Aug 19th to Aug 23rd, 2024

Subject	Activity
Eng LAL	On the Pulse of Morning by Maya Angelou. Unit 1 completed. Activities based on non-lit analysis posted in GCR. Presentation on Word Banks of each genre of non-lit has been completed.
Lang Acq	Futur proche et simple.
Business Management	Multinational Corporation And Business Management Tool ANSOFF MATRIX - Case study and work sheet. IA rubrics run through
Economics	Supply - Concept, Graph Construction (worksheet) and Price Elasticity of Demand.
Psychology	Discussed Social Identity Theory  Robbers Cave Study Brown/ Blue Study Activity - In group/Out group (Political party) Conducted a Field Experiment- Perfume Aesthetics
Physics	Terminal velocity- video- modelling projectile motion Forces - introduction - weight, normal reaction, tension ,elastic forces Discussion lab report - Hooke's law
Chemistry	Conducted SA on unit 1 Unit 2: Simulation activity:Role of mass spectroscopy in calculating relative atomic mass Solved numericals on relative atomic mass
Biology	B1.2.8 - Explored how the secondary structure of proteins, specifically alpha helices and beta-pleated sheets, is stabilised by hydrogen bonds. B1.2.9 - Delved into the tertiary structure, highlighting the roles of hydrogen bonds, ionic bonds, disulfide covalent bonds, and hydrophobic interactions in maintaining the protein's three-dimensional shape. B1.2.10 - Discussed how polar and non-polar amino acids influence protein structure, with hydrophobic amino acids being essential for the stability of both soluble and integral proteins.
Computer Science	Usability and it's concepts
Mathematics - AA	SL/HL - Recap of sequences and series Proving the general rule for the convergent infinite geometric series HL - Introduction to - What is Proof? Activity shared in GCR.

Mathematics - AI	SL/HL - Recap of sequences and series Proving the general rule for the convergent infinite geometric series Introduction given to Logarithms Practice work assigned Laws of logarithms and practice question in the same
DP Core	TOK: In light of the recent Madras Day celebrations, we explored the ongoing debate about the correct date for Madras Day, connecting it with various TOK concepts. 1. The reliability of historical evidence was questioned due to lost original documents. 2. This introduced uncertainty about the date's accuracy, challenging our truth about Madras' founding. 3. Different interpretations of terms and perspectives on colonial narratives were analysed. 4. We examined the justification for celebrating on a specific date, discussed objectivity in historical records, and reflected on how culture, values, and responsibility shape our understanding and commemoration of history. CAS: Visit to Prema Vasam:Post visit discussion conducted. Students reflected upon their visit to Prema Vasam, the first service task. Analysed the scope of services that can be conducted in the month of September.