

## Form 11 - Weekly Academic Activity Dec 09th - Dec 13th, 2024

Subject	Activity
Eng LAL	Chapter 4 - War and Protest. Comments given on mock IO performance.
Lang Acq	Les loisirs et moi.
Business Management	Cost and Revenue, Accounting Terms learning, Process of accounting Journal Entry, Ledger and Final accounts - Introduction. Resources 5 nos Shared for further Class activity.
Economics	2.11 Market failure -Market Power on Perfect competition Features - many firms, free entry, homogeneous products and its market play
	<ul> <li>Monopoly- Single or dominant firm, high barriers to entry, no close substitutes.</li> <li>Imperfect competition, a. Oligopoly elements —few large firms, high barriers to entry, interdependence and their reason for market power</li> <li>Monopolistic competition—many firms, free entry, product differentiation</li> </ul>
Psychology	Discussed studies: • The role of communication in personal relationships • Why do relationships change or end? CAS PPT- African cultures
Physics	Displacement - time graphs Acceleration - time graphs Phase angle TOK linking with the topic Problems on SHM
Chemistry	Discussed : • Structure 2.2.14 -Formal charges • Structure 2.2.15- Sigma and pi bonds • Structure 2.2.16 - Hybridisation TOK exploration : Language and Imagery in Chemistry
Biology	C4.1 Population & Communities Carrying capacity and competition for limited resources Introduced the topic and key terminologies
Computer Science	Network security IA discussion

Mathematics - AA	<ul> <li>HL: Introduction to complex numbers</li> <li>Operations with complex numbers</li> <li>SL: Revision of <ul> <li>quadratic inequalities</li> <li>Sign diagrams</li> <li>Composite and verse functions</li> <li>Absolute functions</li> </ul> </li> </ul>
Mathematics - AI	Introduction to Probability Understanding sample space Representing probability Calculating probability
DP Core	<ul> <li>CAS- Experience and reflections reviewed Prema Vasam Visit:</li> <li>Planned visit with toys to share as part of the Christmas celebration.</li> <li>Organized a cultural show for the children.</li> <li>Planned to paint the classroom walls for the children staying there.</li> <li>TOK: The TOK IA Prompt " How might the context in which knowledge is presented influence whether it is accepted or rejected?" was discussed in the context of TOK Exhibition.</li> </ul>